Self-Assessment 2015
**Introduction**

The URV continues seeking its objective of being a world recognised university. Enhancing its Staff policy is the best way to achieve this strategic objective, since it promotes the quality of its employees and creates the best working conditions for them.

On December, the 28th, 2008, the URV endorsed “The European Charter for Researchers” and “The Code of Conduct for the Recruitment of Researchers”. In April, 2014, the URV was awarded with the “hr Excellence in Research” and initiated the implementation of the Action Plan.

In 2015, as indicated, an internal assessment has been carried out that led to the preparation of a new Action Plan (2016-2019). This new Action Plan considers the new EC directions to enhance our Open, Transparent and Merit-based recruitment processes.

It follows the information and deliverables for each action in the Action Plan 2013-14.

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Action Plan

A1.- Best practices in Research
ACTION PLAN URV


**Description:**

The URV elaborated the “Code of best practices in research, research training, development and innovation” to guarantee that all the research activities carry out in accordance with the valid legislation and promote a group of good scientific practices (the document is attached in deliverables).

The specific aims of this action were:

1. Realize a period of public exhibition of the document, in order to reinforce the participation of all the agents involved.
2. Present the resultant document to the University Board and achieve his approval.

**Responsible for the action (Who):**
- Vicerector of Research
- Coordinator of the Quality and Planning Unit

**Other agents involved:**
Members of the University Council (CdD), Members of the Research and Transfer Comission (CiT), Researchers, Administrative Staff, students

**To whom the action is addressed:**
All the members of the research community of the university: academic staff, technical staff, students, research heads, department and institute directors, vicerectors, etc

**How:**
- Process of open consultation
- Presentation of the results to the Board

**Deliverables:**

1. Code of good practices in research, research training development and innovation of the Universitat Rovira i Virgili.
2. Agreement of the board (code approval)
Deliverables
Code of good practices in research, research training, development and innovation of the Universitat Rovira i Virgili
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In accordance with the Statute of the URV, research is essential to the University as it forms the basis of its teaching and is means for ensuring the progress of society. The Universitat Rovira i Virgili promotes the advance of knowledge by training researchers in basic and applied research and encourages the transfer of knowledge, technology and innovation to society.

The URV’s quality policy defines the institution’s priority objectives as follows:

a) To achieve recognised scientific quality.

b) To achieve excellent levels of quality and scientific productivity in research, development and innovation (R+D+I) in order to significantly contribute to the advancement of knowledge and regional development in all areas.

c) To compete on an international level, above all in the priority research ambits.

The URV must strive to ensure the quality and efficiency of its research and to guarantee this has put in place following processes: a research group map, research group quality assessment, a contracts programme with the departments, research centres and recognised research groups, a doctoral degree quality assurance system, and the creation of university chairs to promote the transfer of technology, innovation and knowledge and to encourage reflection on issues relating to social problems and challenges.

To achieve this quality policy, the URV has implemented a quality management system for its research groups and innovation centres which since 2007 has been certified as complying with ISO 9001.

Another element that assists in the implementation of the URV’s research quality policy is the Postgraduate and Doctoral School, whose mission is to provide trainee researchers with a learning environment based on quality research activity and experiences that help individuals to acquire the competences necessary to progress onto a wide range of contexts requiring the intense use of knowledge.

The institution must also guarantee that all of its R+D+I activities are carried out in accordance with the current legislation and put in place a series of good scientific practices. The Code of Good Practices in Research, Research Training, Development and Innovation of the URV is designed to achieve these aforementioned objectives.
Definition of good practices

In general codes of good scientific practice (CGSP) are those that are defined in the document entitled Recomendaciones para la implantación de buenas prácticas científicas del Comité de Bioética de España (2011) (The Spanish Bioethics Committee’s Recommendations for the Implementation of Good Scientific Practices (2011)), which comprises a series of rules, recommendations and commitments that must be observed by scientific staff, research centres, organisations awarding research grants and scientific societies with the aim of ensuring research quality and integrity. CGSP are complementary, rather than substitute, the current legal regulations. Specifically, CGSP bring together and ratify the unwritten rules that are traditionally followed by the scientific community.

The Code of good practice for research and training in research, development and innovation of the Universitat Rovira i Virgili (hereafter CGP-URV) complies with the internal legislation and regulations in force at the URV on the date of approval. Nevertheless, the CGP-URV must be reviewed periodically using the mechanisms described in Section 3 of the present document under the title Commitment to Dissemination, Application and Monitoring to ensure that the CGP-URV complies with new legislation as it comes into force.

This document is based on the Recomendaciones del Comité de Bioética de España con relación al impulso e implantación de buenas prácticas científicas en España (Recommendations of the Spanish Bioethics Committee regarding the promotion and implementation of good scientific practices in Spain (2011)) and the European Charter of Researchers: and the Código de conducta para la contratación de investigadores (Code of Conduct for the Recruitment of Researchers) by the European Commission’s Directorate General for Research (2005). The present document also takes into account the recommendations of the Codi de bones pràctiques científiques del Parc de Recerca Biomèdica de Barcelona (Code of Good Scientific Practices of the Barcelona Biomedical Research Park) (2007), the Código de buenas prácticas científicas del Comité de Bioética y Bienestar Animal del Instituto de Salud Carlos III (Code of Good Practices of the Bioethics and Animal Welfare Committee of thee Carlos III Health Institute) (2009), the Vancouver System’s Uniform Requirements for Manuscripts Submitted to Biomedical Journals (2006), and the 10 Salzburg Principles regarding university doctoral courses. The CGP-URV is one of the instruments that regulates the Postgraduate and Doctoral School, in accordance with Royal De 99/2011, of 28 January, which governs official doctoral courses, and it forms part of the URV’s commitment to the European Charter of Researchers, which the URV is signed up to after the resolution passed by its Governing Council on 18 December 2008.
The CGP-URV applies to all teaching and research staff, trainee research staff, master’s and doctoral students and technical and administrative staff who carry out or collaborate in research activities or R+D+I training in all ambits of knowledge at the URV, the URV Foundation (FURV), other entities linked to the URV and other institutions that collaborate with the URV. In certain instances the CGP-URV may also apply to bachelor’s students if they are engaged in any of the previously described activities.
The CGP-URV must be made available to all individuals engaged in these activities, either at the point of registration for students, or when they are contracted, in the case of teaching and research staff and administrative and services staff.

The entities and units responsible for informing new staff of the CGP-URV must demonstrate that they have done this in the manner specified by the URV.

The CGP-URV must also be clearly disseminated on the URV’s website and on the websites of the different research and research training structures.

The CGP-URV is a living instrument designed for collective regulation which must be reviewed periodically to ensure its applicability and compliance with the law.

The committee appointed by the URV must therefore ensure that the CGP-URV is correctly monitored, reviewed and updated.
To improve the quality, productivity and competitiveness of the research that is carried out in all ambits.

To establish mechanisms to guarantee compliance with the current legislation and the principles of social responsibility and efficient use of resources.

To promote good practices in the undertaking, management and communication of research throughout the University by following the criteria established by external auditors and evaluations.

To foster the acquisition of good scientific practices from the very beginning of the research training process.
The URV has a quality management system for research, development and innovation (QMS for R+D+I) which has been certified since 2008 as complying with ISO 9001 on quality management. This system is applied to more than twenty research groups and innovation centres at the URV.

Under this QMS, the groups and centres design processes to enable their own groups of interest to comply with the requirements of ISO 9001 whilst also ensuring that their quality policies are still in line with that of the URV. Groups of interest are researchers, staff, companies, government institutions, the European Union and society in general.

The main points of the R+D+I quality policy that are defined and approved during this process constitute the foundations for good practices in these activities.

- **Mission**
  To generate knowledge and transfer it to society by pursuing lines of research aimed at improving competitiveness in the different ambits of action.

- **Vision**
  To undertake quality research to achieve international recognition and visibility of excellence within the various research ambits and the socio-economic setting.

- **Values**
  - **Orientation towards groups of interest**: providing training for URV researchers and high quality services to businesses, institutions and other entities.
  - **Participation**: encouraging all teaching and research staff at the URV to join a research group.
  - **Continual improvement**: establishing a culture of total quality throughout the organization of groups and other research structures.
  - **Efficiency**: providing an efficient service to the groups of interest.
  - **Commitment**: working responsibly as a team whilst keeping the principal strategies of the URV’s scientific policy to the fore.
  - **Flexibility**: responding quickly to the opportunities and demands that present themselves.
  - **Safety**: ensuring the safety of everyone who uses the URV’s facilities.
  - **Innovation**: facilitating continuous scientific visibility and constantly seeking out new projects relating to potentially necessary activities in the future.
  - **Collaboration**: encouraging joint work between the various research groups and innovation centres and with other universities and institutions in Catalonia, Spain and internationally.
Basic principles governing R+D+I activities

All staff involved in R+D+I activities, including training in these ambits, must observe the principles of rigor, honesty, responsibility, transparency and confidentiality that are outlined in the present document.

This is specified in the European Charter of Researchers, to which the URV has adhered since the resolution passed by its Governing Council on 18 December 2008. Researchers, therefore, must observe the recognised ethical practices and the fundamental ethical principles corresponding to their disciplines and the ethical regulations stipulated in the deontological codes that apply to them.

The teaching and research staff (hereafter researchers) must ensure that their work is relevant to society and that it does not duplicate any work previously carried out by other people. They must avoid any form of plagiarism and must respect the intellectual property and joint ownership of data when their research is conducted in collaboration with others.

Researchers must comply with Organic Law 3/2007, of 22 March, regarding equality between women and men, in all areas where it is relevant to their research. They must also be familiar with and apply the equality directives established in the University's 2nd Equality Plan (approved by the Senate on 24 November 2011) and the measures aimed at ensuring a balance between work and personal life as specified in the URV's internal regulations.

Researchers must be familiar with the strategic objectives and funding mechanisms relevant to their area of activity and must request the necessary permission before beginning their work or access the resources provided.

All staff involved in R+D+I activities must be familiar with the legislation and regulations regarding the conditions of their work, including intellectual property rights and the requirements and conditions established by any sponsor or funding organisation, independently of the nature of their contract. Researchers must respect these conditions when submitting their results (e.g. thesis, publications, patents, reports, development of new products, etc.) in the manners specified in the contract or equivalent document.

Researchers must be conscious of their obligation to justify their actions to those who are funding them and to society as a whole. Furthermore, researchers funded with public money are also responsible for using taxpayers' money efficiently. They must respect principles of correct, transparent and efficient financial management and cooperate with the authorised auditors.

Researchers must avoid any conflicts of interest that could compromise the validity of their research results.
Organisational aspects of research

- Organisation / leadership of groups and other research structures
  The URV’s research groups and other research structures must have at least one person in charge who also represents them publicly. The leaders of these groups and structures must promote a working environment that fosters the exchange of knowledge, enables common research objectives to be achieved and allows members to develop their skills.

  The leaders must promote gender equality in recruitment practices, working conditions, training opportunities and in all other aspects of the organisation and functioning of the research group or structure.

  The members of the research groups or structures must actively participate in the activities which are proposed and organised.

  The research groups and structures must have a well documented organisational structure that clearly indicates the lines of authority and communication between the members and the responsibilities of each person with regard to research activities.

  The leaders must promote cooperation with other research groups to encourage the exchange of ideas between researchers.

  The research groups and structures must have quality objectives that are aligned to those of the URV. If deemed necessary, they may also draw up their own quality policy in line with the R+D+I quality policy of the URV.

- Planning and monitoring of continual training for the research groups
  The leaders must establish a system for determining the needs abilities of the research staff, in particular regarding specific training for their work. The training activities (courses, seminars, conferences, etc.) must be planned, carried out and evaluated.

- Recruitment of new staff and conditions of staff leave from research groups, structures and projects
  The leaders must ensure that new members of research groups, structures or projects receive adequate information and training in the rules governing the research teams, the use of facilities and the applicable security measures.

  When a member of a research group, structure or project team completes their work, they must submit a written report describing the functions and tasks that they have executed, the results of these functions and tasks, the location of the documentation relating to their work and any other information relevant to the continuation of the research.
Supervision of trainee research staff

All individuals who receive research training through the Universitat Rovira i Virgili must be assigned a personal supervisor.

Trainee researchers who are following doctoral programmes must have their training supervised in accordance with the URV’s internal quality assurance system (IQAS) for doctoral studies, the Postgraduate and Doctoral School’s Regulations and the current legislation governing doctoral studies.

Each doctoral programme has an academic committee responsible for defining, updating, coordinating and monitoring the quality of the programme and the training and research of each doctoral student.

In addition to the academic committee, supervision is also undertaken by:

- **The thesis tutor**
  The tutor is responsible for ensuring that the doctoral student receives appropriate training and for monitoring the student’s research. The tutor must hold a doctoral degree, be an active researcher or similar at the URV with accredited research experience and be affiliated to the Postgraduate and Doctoral School. The tutor is designated by the academic committee of the doctoral programme. This activity will count as part of the tutor’s teaching and research commitments.

  The number of students under the guidance of any one tutor must be appropriate and compatible with the tutor’s other obligations and commitments.

- **The thesis supervisor**
  The thesis supervisor has overall responsibility for guiding the doctoral student's research. The supervisor is appointed by the academic committee of the doctoral programme and must have accredited research experience and be an active researcher at the URV or another university, centre or institution, provided that he/she is a member of the doctoral programme. The thesis supervisor may also act as the thesis tutor. This activity will count as part of the supervisor’s teaching and research commitments.

- **The trainee research staff**
  Trainee research staff have the rights specified in the Student Statute (Royal Decree 1791/2010, of 30 December) and the other currently applicable legislation. Furthermore, in the case of doctoral students, the Postgraduate and Doctoral School’s Regulations state that they have the right to:

  a) Receive high quality research training that fosters scientific excellence, equality and social responsibility.
  b) Have a tutor that guides their training and a thesis supervisor or supervisors with accredited research experience who will supervise their thesis.
  c) Become a member of a research group.
d) Be informed about the opportunities for a research career offered by the URV and to apply for them.

e) Participate in funding programmes and competitions for research training and mobility.

f) Have their intellectual property rights recognised and protected with regard to the results of thesis doctoral theses and research work, in accordance with the current legislation.

g) Apply to the academic committee for a change of thesis supervisor, a change in status (full/part time) or a temporary leave of absence from the doctoral programme.

h) Be represented in accordance with the Statute of the URV.

i) Participate in the monitoring of doctoral programmes and in the institutional evaluation procedures.

Trainee research staff have the obligations specified in the Student Statute (Royal Decree 1791/2010, of 30 December) and the other currently applicable legislation. Furthermore, in the case of doctoral students, the Postgraduate and Doctoral School’s Regulations state that they have the obligation to:

a) Register each academic year for academic tuition and make the corresponding payments within the periods specified by the relevant calendar.

b) Write a research plan before the end of the first year that specifies the methodology, objectives and resources required and a schedule for completion.

c) Follow and actively participate in the programme's training activities.

d) Conduct research activities correctly and successfully.

e) Provide data at least once a month on their research activities using the system provided by the URV for trainee researchers.

f) Inform the academic committee if they decide to voluntarily withdraw from the doctoral programme.

When trainee researchers complete their training or withdraw from it for any reason they must submit a written final report in the manner described in section 5.2 of the present document.

Protocols and methods

- Protocol in writing and submitted for third-party review

Any proposed research must first be described in a written document (research protocol or project). The document may be a report or proposal submitted for funding through a public grants competition. The document must define the project planning (with objectives and stages), the names of those involved and the deadlines. If the planning is not fully described in the project report or application, then any missing information must be provided in other supporting documentation.

All methodologies and protocols used must be taken from established methods, scientific publications, regulations or standards to ensure their reliability.
If the project leads to the development of a new methodology or variation of an existing one, the process of developing and validating the new methodology must form part of the research protocol or project and the researchers must provide evidence of its reliability. All procedures and methodologies used in the research protocol must be adequately documented to ensure traceability and repeatability of the results. This documentation must contain in writing the original results obtained by the researchers, either in laboratory reports that have been properly recorded and monitored, in specific procedures or in the research project itself.

If the protocol or project involves human subjects, human embryonic materials or animal experimentation, it must be approved/authorised by the Clinical Research Ethics Committee or the Animal Experimentation Ethics Committee.

The research protocols or projects must comply with the conditions of the competition or contract in terms of equal opportunities between women and men and follow the recommendations therein. If relevant to the research that is to be undertaken, the protocols must ensure gender equality in all its aspects during all phases of the project.

**Development and monitoring of research projects**
Projects must be carried out in accordance with the planning. The results obtained and the methodologies used must both be recorded in the laboratory reports, the working procedures or other another form of document.

The execution of the research projects or protocols must be monitored to ensure that the planned activities are proceeding in the appropriate manner. This monitoring must be recorded in writing, must state when the project has taken place and include a summary of the principal results and of any incidents or deviations that may have been detected.

**Expanding or modifying the project**
Any modification of the original project design must be recorded in writing in a complementary protocol and is subject to the requirements specified in the corresponding conditions of the funding competition. It must also be communicated to the funding organisation in accordance with the manner specified in the funding conditions.

**Secret research**
Secret research is not permitted with public funding unless authorised by the funding organisation. A research project or part thereof may not be secret except in cases where for reasons of confidentiality or competitiveness it is necessary to temporarily restrict the dissemination of certain procedures or documents relating to the project.

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1 For the purposes of the present document, secret research is considered to be that which maintains secrecy regarding the subject of investigation, the procedures used or the results obtained (for example, privately funded research may be subject to a confidentiality contract at the insistence of the funding entity). The term secret research is distinct from the term confidentiality of research results. For reasons of competitiveness (as is the case with privately funded research) confidentiality may be maintained indefinitely. Patentability (of publicly or privately funded research) may also lead to confidentiality for a certain period, for example, until the patent is requested.
Urgent research

If circumstances relating to public health or security require research to begin immediately, particularly if such research involves humans or animal experimentation, the undertaking of these activities must still be recorded in the protocol, even if it simplified. When possible, these projects must be reviewed externally and follow the procedures governing non-urgent research.

Research facilities, equipment and materials

Facilities and scientific equipment

The individuals in charge of research must ensure that the facilities, equipment and materials used for the planned research activities will provide the appropriate levels of personal safety, environmental protection and quality and reliability regarding the research results.

The scientific equipment must be identified in such way as to ensure the traceability of the research results. Researchers must ensure that all the equipment used in research projects receives sufficient maintenance to prevent any malfunction that could compromise the research results. The equipment must also be subject to a verification procedure to ensure that it is correctly functioning or calibrated in accordance with the manufacturer’s specifications and the amount of use that it receives (level of work, frequency of use, etc.) to guarantee the reliability of the measurements that it provides. The maintenance, verification and/or calibration procedures must be respect the basic principles of efficiency, appropriate use of the equipment and responsible use of resources.

Any individual who wishes to use the scientific equipment must have the necessary training and instructions to use it in the correct manner. If necessary, these instructions must be written down as a working procedure, or the user must refer to the instruction manual.

Use of external equipment and facilities

All research projects and protocols that involve the use of external equipment and/or facilities require the prior approval of the individual in charge of the centre, institution, facility or equipment that is to be used.

Computer equipment and ICT

The individuals in charge of the computer equipment must ensure that it is properly functioning and maintained for use by the research groups and other research structures. They must also preserve the safety of information by respecting and following the user regulations specified in the URV’s corporate security policy.

They must ensure that information relating to research projects and results is protected and recoverable. For this reason they must make regular back-up copies of important information. If the project generates confidential or restricted information, the individual in charge must ensure that it is correctly handled and protected, in accordance with the current legislation and regulations.
In addition, all research staff must make responsible use of the ICT provided by the URV for their research. Consequently, any use of the ICT must be based on mutual trust and respect for the current legislation and must follow the guidelines and recommendations set forth in the Regulations governing the use of information and communications technologies (ICT) of the URV (approved by the Governing Council during its session on 22 December 2011 and modified by the Governing Council in its session on 30 October 2012).

- **Materials and products**
  All materials and products used in research projects, including commercial reagents, laboratory preparations, samples and waste, must be correctly labelled to guarantee the traceability of the research results. They must also be stored in the appropriate conditions and used and discarded, if appropriate, in a manner that respects the instructions on environmental safety and protection in the product specifications, the safety manuals, the laboratory protocols, the risk prevention manual, the working procedures or other relevant documentation.

- **Record keeping, documentation, storage, conservation and cession or shared use of data, documents, and biological or chemical material resulting from research**
  - **Plan for collecting and conserving data.**
    All research projects must have a system for collating data, records and biological or chemical that is produced during research, in addition to a plan for storing and conserving them.
  
  - **Record of data and rectifications.**
    All data resulting from research experiments and observations must be collected without exception. This information must be permanently recorded in the databases, record books or other relevant format and in manner that can be reviewed by third parties. The records must also include any changes, errors, negative, unexpected or inconsistent results and the name of the person who makes or observes them.
  
  - **Conservation of the collated data.**
    The infrastructure and means needed to ensure that the documentation and biological or chemical material is correctly stored and conserved. For electronically recorded data, there must be a specific plan regarding back-up copies and physical location.
  
  - **Storage and access to the data.**
    All members of the research team must be able to access the collated data and to any interpretations thereof. The individual in charge of the research must have a single record of the different methods used for collating data (notebooks, databases, etc.) and for storing samples. This record must be accessible to third parties.
Properties of the data and samples.
All primary data (notebooks, databases, etc.) and biological or chemical material obtained during a piece of research belongs to the research group or structure to which the individual in charge of the project is affiliated. The record and the storage of the data is the responsibility of the individual in charge of the project. If a member of the research group or structure changes institution, provided it is necessary, the individual in charge of the project can provide the person who is changing institution with a photocopy of all the record books, a copy of the existing electronic information, a photocopy of the notebooks and aliquots of biological or chemical materials. If the researcher in charge is changing institution, this process make take place under the supervision of the new researcher in charge of the research group or structure.

Sharing of data and samples with third persons.
Data and materials from a piece of research must be made public and available for consultation by third parties, except for when the data are restricted with a view to future commercialisation. For data to be shared, the applicant must make it clear how they want to use the data, the person in charge of the research team must be aware of the application for data, the person in charge of the research must approve a transparency protocol, and the applicant must agree to pay any production or administrative costs. Data sharing may be restricted for reasons of availability, competitiveness or confidentiality. It must not be possible to identify individuals who have shared materials or data unless they have given express permission for this information to be shared.

Storage times for data and samples.
All primary and original information and all biological and chemical material that is stored as a result of a research project must be kept for at least ten years after the first publication of the results, except in cases where the law permits shorter periods or requires longer periods. If the centre allows it, primary material and information can be stored for longer periods and place of storage must always have the approval of the person in charge.

Publication, dissemination and exploitation of research results
The conclusions of research projects must be as objective as possible. All evaluations must always be based on data and evidence. Scientific research results must always be peer reviewed.

Results must be disseminated in accordance with the URV’s communications policy. The funding entity must give its authorisation to the dissemination of results if the research has been funded by private or public institutions or companies outside official funding programmes. In these cases, the conditions for disseminating and publishing the research must be specified in the corresponding contract or agreement.
The URV’s regulations governing confidentiality and intellectual and industrial property must also be observed. If the results of a piece of research could be protected for the commercial interest, the person in charge of the research project must inform the University of this and take this into account when managing the publication of the results in scientific journals.

In accordance with the conditions of the contracts, agreements or funding programmes, researchers must ensure that the results of their research are disseminated and exploited (that is, published, transferred to other research projects and, if appropriate, commercialised). In particular, senior researchers must lead the way in ensuring that their research is fruitful, that the results can be commercially exploited and/or that they readily accessible to the public.

Researchers must ensure that their research activity is disseminated to society in a manner that non-specialists can understand it and the public at large increases its understanding of science.

Researchers must ensure that the dissemination and publication of their research activities includes the variable of gender, for example, with the presentation of specific and separate data per sex when relevant. They must also avoid the use of sexist language.

Negative research results must also be published. Researchers who try to do this must have the support of editorial committees because journals do not always accept publications.

**Authorship and intellectual property**

Working or technical reports or any other text addressed to third parties must always include a list of every author involved in the research and, as far as possible, a list of the tasks carried out by each person, the centre or centres to which they belong and the funding received. This information must be provided in the same manner as a scientific publication or patent application and in accordance with the [Regulations on industrial and intellectual property of the Universitat Rovira i Virgili](#) (approved by the Governing Council on 30 April 2009).

**Order of authorship.**

Journals and other media specify their own conditions and criteria regarding the order of authorship. Nevertheless, as a general rule, the order of authorship on scientific publications must respect the following criteria:

- **a)** The first author on the list must be the one who has made the most important contribution to the research and has prepared the first draft of the article.
- **b)** The senior researcher who leads and/or has ultimate responsibility for the research protocol is the last author.
- **c)** The remaining authors may appear in order of importance and, in certain instances, in alphabetical order. The corresponding author has primary responsibility for the publication process and any subsequent communications that arise from the publication of the research. This responsibility may be shared.
Shared principal authorship.
If two or more authors have made the same contribution to the research and have shared the task of preparing the manuscript, they must both feature as first authors. This must be made explicitly clear in the original publication. The same criterion may be applied to intermediate and senior authors.

Instructions regarding affiliation.
To guarantee the national and international visibility of authors, departments, faculties, research institutes, collaborating chairs and the University itself and to facilitate the retrieval of publications and citations in their name, the research staff must be familiar with and comply with the Regulations regarding the unique researcher identifier (URI)- URV affiliation (agreed by the Research and Transfer Committee on 29 October 2009, with a favourable report from the Governing Council on 5 November 2009) when choosing an officially recognised form of their name and institutional affiliation.

All researchers must clearly state their affiliation to the University in the work that they publish. Researchers affiliated to other research structures (institutes, research centres, technological centres, observatories, collaborating chairs, etc.) must also clearly state their affiliation to the University, in accordance with the Framework for relations between the URV and research institutes and technological centres.

With regard to editing, researchers must be familiar with and respect the Normativa d’edició de la URV (The Board of Governors, 20 December 2000). Any publications in which the University appears as an editor or co-editor must comply with the Basic manual on graphic norms to ensure that the University’s logo and graphics are represented correctly.

Researchers must be familiar with the University’s policy with respect to protecting intellectual property and promoting the valorisation and commercialisation of research results.

All published research must explicitly state which independent ethical committees have supervised the research protocol and provide details of all public and private subsidies, grants or sponsorship. All publications must also state any of the University’s research support services that may have been used during the research.

Instructions for curriculum vitaea.
Researchers must respect the URV’s regulations and directives regarding the writing and updating of curriculum vitaea and the procedures and conditions stipulated in the Regulations on the use of curriculum vitaea regarding the use of electronic curriculum vitaea.
Collaborative projects

Prior to any research, development and innovation project undertaken with other universities or public or private entities, regardless of the area of knowledge, an R+D+I collaboration contract must be drawn up and signed, in accordance with Article 83 of Organic Law 6/2001 on Universities. The URV Foundation will be responsible for completing the aforementioned contract.

The contract must clearly state who owns and has the right to exploit any results obtained during the execution of the contract.

In all instances, any rights corresponding to the URV must be respected, by virtue of the Regulations on industrial and intellectual property (approved by the Governing Council in its session on 30 April 2009) and the Framework for relations between the URV and research institutes and technological centres, approved by the Governing Council in its session on 26 February 2009. Collaborative projects must also respect the procedure approved by the Research and Transfer Committee on 23 April 2012 and ratified by the Governing Council on 10 July 2012. In all instances, the current, revised and updated documents must be applied.

Personal data protection

All individuals who work with personal data must comply with the principles established in the Regulations on personal data protection and confidentiality:

- Any data that are collected must be appropriate, relevant and not excessive, and may not be used for any purposes other those for which they are collected.
- The use of personal data requires the explicit consent of the person concerned, except for in the specific circumstances stipulated in the law.
- If personal data are collected and held on file, the individuals concerned must be informed of the existence of the file, the purpose for which the data were collected, and that they have the right to access, rectify, remove and oppose the handling of their data.
- Data relating to political and religious beliefs and ideology, union membership and health are subject to particular protection.
- The appropriate technical and organisation measures must be adopted to guarantee the security of the data and to prevent any unauthorised alteration, loss, handling or access.
- Any individuals using the data are obliged to maintain professional secrecy and to take full care of them.
- The individuals concerned must give their consent before their data can be passed onto a third party, except for in the cases stipulated in the law.

In general, priority must be given to research conducted with dissociated data. The disassociation of data is the mechanism that separates identifying data from other personal data.

Before conducting any research with personal data, the research group must contact the General Manager’s Office of the URV (or suport.lopd@urv.cat) to determine which legal, technical and organisational measures need to be adopted.
Health and safety and environmental protection

Researchers must integrate the prevention of risks in the workplace into all areas of their activities, must follow safe practices at all times and must comply with and use the risk prevention manuals approved by the Governing Council, the occupational risk prevention legislation, the Risk prevention management manual of the URV approved by the Governing Council in its session on 7 March 2013 and any other related URV regulations.

The individuals in charge of research groups or other structures must guarantee that the facilities comply with the requirements and that they have the relevant authorisation to undertake any scientific practice that is subject to specific regulations. Furthermore, in accordance with the procedures established in the Risk prevention manual of the URV, they must:

- Ensure that the staff under their charge have the capacity and are provided with the necessary protection to carry out the tasks that they are asked to do.
- Understand the risks inherent in the activity and in the place where it is undertaken and communicate these risks through the channels established by the URV.
- Eliminate risks or control them at source, primarily through collective protection systems and secondly by requiring individuals to undergo risk prevention training if deemed necessary.
- Cease activities in event of any uncontrolled risks or unsafe situations/ actions.
- Coordinate their activities with the relevant URV staff (defined in the Risk prevention management manual of the URV) and supervisors defined in the URV regulations in order to implement risk prevention measures, particularly for concurrent activities.

All staff involved in research tasks must have access to information and effective health and safety protection in the workplace. In accordance with the procedures established in the Risk prevention manual of the URV, all staff must understand the safety regulations in their workplace and make appropriate use of the resources, means, installations and services that the University makes available to them.

All staff involved in research tasks and research training must know and apply the URV's environmental protection measures and ensure that the individuals in their charge comply with these practices. In general, staff should avoid the wasteful consumption of water, energy and any other materials to reduce the generation of waste and emissions as a result of the URV's activities. Staff must ensure that they incorporate environmental criteria into the supply of resources and services in those cases where it is legally and technically possible.
Conditions regarding research with human subjects

All research projects conducted on human subjects or that use biological samples of human origin and clinical trials must request and obtain a favourable report from the corresponding clinical research ethics committee.

In the case of research projects with ill individuals, those members of the research team who are not responsible for the clinical treatment of the participants must collaborate and not interfere in any way with medical staff responsible.

Researchers must be familiar with and comply with the recommendations of the European Charter for Researchers (EU, 2005).

If researchers want to use human subjects in a research project or to take human biological samples for use in a research project, the researchers must inform the intended subjects (or their guardians/representatives) about the nature of the research and must seek and obtain their informed consent, preferably in writing. The researchers must inform the subjects about the purpose and duration of the project, the expected benefits (either for the subjects or for other people), any possible risks or problems, the criteria for inclusion/exclusion from the project, the research methodology and the criteria that will be used to decide when the research project has concluded. If the informed consent is only obtained orally, an explanation must be given as to why written consent was not obtained.

Researchers must maintain absolute confidentiality regarding all information that they may obtain about the subjects participating in a research project, in accordance with the regulations on personal data protection (Organic Law 15/1999, of 13 December, on personal data protection).

Researchers must protect the anonymity of participants both during the project and when recording and storing the data obtained. Given that the process of obtaining data during clinical research is complex and cannot always be repeated, the research team must pay particular attention to the procedures for collecting and storing data.

Researchers must not under any circumstances transfer data or biological samples to other projects or other researchers without the authorisation of the subjects or the corresponding research ethics committee, and they must respect at all times the provisions on personal data protection and confidentiality guarantees that are stipulated in Law 14/2007, of 3 July, on biomedical research.

If a project is to involve the participation of students, they must participate of their own accord and measures must be put in place to prevent negative consequences for any students who do not wish to participate or who decide to withdraw from the project.
Research projects involving the use of specific facilities such as the dissection room must provide specific written instructions regarding the collection, preparation and handling of data and samples if these instructions are different from those stipulated in the user manual for the specific facility or the unit in charge of the facility. The research group must also complete the documentation required by these units.

All research projects involving the acquisition, handling and/or storage of biological samples for genetic analyses must comply with the restrictions on genetic analyses and specific consent stipulated in Law 14/2007, of 3 July, on biomedical research.

All research projects involving the acquisition, handling and/or storage of biological samples from human embryos must comply with the restrictions and requirements regarding research on live human embryos and foetuses in utero stipulated in Law 14/2007, of 3 July, on biomedical research. They must also comply with the provisions regarding research with biological samples from embryos, in particular those relating to research guarantees and requirements.

**Specific conditions relating to research involving animal experimentation**

All research projects and activities involving animal experimentation must be conducted in accordance with the current relevant legislation and must have the approval of the URV’s Animal Experimentation Ethics Committee.

As a general principle, research activities that use animals for experiments and other scientific purposes must follow the “three R’s”, that is, replacement, reduction and refinement. Thus, as far as possible, researchers must try to replace animal experiments with other experiments that do not use animals, reduce the number of animals to the minimum number required to obtain valid results, and refine experimental procedures to minimise the suffering of the animals.

Research projects involving the use of specific facilities such as the Animal House must provide specific written instructions if these instructions are different from the normal instructions for use and must also complete the documentation required by these facilities. Individuals who participate in research activities that use animals for experiments and other scientific purposes must possess the corresponding official accreditation issued by the Catalan Government.
CODE OF GOOD PRACTICES OF THE URV

List of abbreviations

CEIC: Clinical Research Ethics Committee
CEEA: Animal Experimentation Ethics Committee
CGSP: Code of Good Scientific Practice
CGP-URV: Code of good practices in research, research training, development and innovation of the Universitat Rovira i Virgili
URI: Unique Researcher Identifier
R+D+I: Research, Development and Innovation
QMS for R+D+I: Quality Management System for Research, Development and Innovation
IQAS: Internal Quality Assurance System
ICT: Information and Communication Technologies
EU: European Union
URV: Universitat Rovira i Virgili
Bibliography

- Recomendaciones del Comité de Bioética de España con relación al impulso e implantación de buenas prácticas científi-
cos en España (2011)

- Codi de bones pràctiques científiques del Parc de Recerca Biomèdica de Barcelona (PRBB) (2007)

- Codi de bones pràctiques en recerca de la Universitat de Barcelona (2010)

- Código de buenas prácticas científicas del Comité de Bioética y Bienestar Animal del Instituto de Salud Carlos III (2009)

- European Charter for Researchers Código de conducta para la contratación de investigadores. EUROPEAN COMMIS-

- Proposta d’adaptació de l’Escola de Postgrau i Doctorat de la Universitat Rovira i Virgili al RD 99/2011 (juliol de 2012)

- Uniform Requirements for Manuscripts Submitted to Biomedical Journals Vancouver System. Normas de Vancouver (actualitzat 2006)

- The 10 Salzburg Principles regarding university doctoral courses (2005)
CADE OF GOOD PRACTICES OF THE URV

Regulations and related internal documentation

- Statute of the URV (Modified by the Senate on 12 May 2011)
- Quality policy of the URV (2006)
- Research, development and innovation quality policy (revised 2013)
- Strategic Research Plan of the URV (Approved by the Senate on 12 December 2001)
- Regulations of the Postgraduate andDoctoral School (Approved by the Governing Council on 11 July 2013)
- Regulations on industrial and intellectual property of the Universitat Rovira i Virgili (approved by the Governing Council on 30 April 2009)
- URV Regulations on good practice in transfer and service provision (approved by the Governing Council on 10 July 2003)
- URV Publication Regulations (approved by the Governing Council on 30 October 2007)
- URV Editing Regulations (approved by the Board of Governors on 20 December 2000)
- Essential lines in the URV's scientific policy (approved by the Board of Governors on 18 February 1999)
- Internal quality assurance system (IQAS) of the URV, described in the Document on quality assurance in teaching at the URV (adapted to doctoral studies, 2008)
- Regulations on personal data protection and confidentiality (2013)
- Risk prevention management manual of the URV (approved by the Governing Council on 7 March 2013)
- Regulations on the unique researcher identifier - URV affiliation (agreed by the Research and Transfer Committee on 29 October 2009, with a favourable report from the Governing Council on 5 November 2009)
- Regulations governing the use of curriculum vitae (updated 2013)
- Framework for relations between the URV and research institutes and technology centres (approved by the Governing Council on 26 February 2009)
- Regulations on the use of information and communication technologies (ICT) at the URV (approved by the Governing Council on 22 December 2011 and modified by the Governing Council on 30 October 2012)
- 2nd Equality Plan of the Universitat Rovira i Virgili (approved by the Senate on 24 November 2011)
Related legislation

- Law 36/1991, of 30 December, on the creation of the Universitat Rovira i Virgili
- Royal Legislative Decree 1/1996, of 12 April, which approved the revised text of the Law on intellectual property and which regulates, clarifies and harmonises the current legal provisions on works that can be protected by intellectual property rights
- Law 11/1986, of 20 March, on patents for innovations that can be protected by industrial property rights
- Organic Law 15/1999, on 13 December, on the protection of personal data
- Law 14/2011, of 1 June, on science, technology and innovation
- Law 14/2007, of 3 July, on biomedical research
- Royal Decree 99/2011, of 28 January, which regulates official doctoral courses
- Royal decree 1791/2010, of 30 December, which approves the Student Statute
- Organic Law 3/2007, of 22 March, on equality between women and men
ACORDS DEL CONSELL DE GOVERN DE LA URV DE 30 D'OCTUBRE DE 2013

1. S'aprova l'acta de la sessió ordinària del dia 11 de juliol de 2013

2. S'aprova la creació del Centre d'Estudis Hispànics de la URV (CEH)

3. S'aprova el reglament del Centre d'Estudis Hispànics de la URV

4. S'aprova el Codi de Bones Pràctiques en recerca, formació per a la recerca, desenvolupament i innovació de la URV

5. S'aprova la creació de la Càtedra d'Energia i Desenvolupament

6. S'aprova la modificació de la Càtedra d'Estudis Jurídics Locals, Antoni Pedrol Rius

7. S'acorda proposar al Consell Social la modificació de la plantilla de PDI corresponent a l'amortització d'una plaça del Departament de Ciències Mèdiques Bàsiques

8. S'aproven les modificacions introduïdes al Manual d'avaluació del PDI

9. S'aprova la Política d'Accés a la Informació

10. S'aprova la Normativa sobre doble titulacions internacionals

11. S'acorda proposar al Consell Social la modificació del pressupost 2013

12. S'acorda sotmetre a informació pública el Reglament de règim disciplinari dels estudiants de la URV

13. S'aprova la Normativa d'organització i funcionament del Centre de Recursos per l'Aprenentatge i la Investigació

14. S'aprova la incorporació de la URV a la City Protocol Society (CPS), amb una quota anual de 1.000 dòlars, i es faculta el rector per nomenar el representant de la Universitat a la CPS, comparèixer, si escau, davant notari i aixecar a públics els acords adoptats, i subscriure i signar tots els documents i realitzar tots els actes necessaris per a l'execució de l'acord de participació de la URV.

15. S'aprova la participació de la URV a la Plataforma Tecnològica del Vino (PTV), amb una
aportació inicial de 600 euros i una quota anual de 400 euros, que aniran a càrrec del pressupost de la Facultat d'Enologia, i es faculta el rector per nomenar el representant de la Universitat a la PTV, comparèixer, si escau, davant notari i aixecar a públics els acords adoptats, i subscriure i signar tots els documents i realitzar tots els actes necessaris per a l'execució de l'acord de participació de la URV.

16. S'acorda iniciar els tràmits per a la participació de la URV en l'Institut de Recerca Interuniversitari Acadèmia.

17. S'aprova la participació de la URV a l'European Medical Association (EMA), amb una quota anual de 200 euros, que anirà a càrrec dels recursos econòmics disponibles per part del grup de recerca de la Dra. M. Rosa Fenoll, i amb la possibilitat d'ampliar la participació a la Facultat de Medicina i Ciències de la Salut o a altres unitats interessades, i es faculta el rector per nomenar el representant de la Universitat a EMA, comparèixer, si escau, davant notari i aixecar a públics els acords adoptats, i subscriure i signar tots els documents i realitzar tots els actes necessaris per a l'execució de l'acord de participació de la URV.

18. S'aprova la participació de la URV a l'European Association For Predictive, Preventive & Personalised Medicine (EPMA), amb una quota anual de 2.500 euros, que anirà a càrrec dels recursos econòmics disponibles per part del grup de recerca de la Dra. M. Rosa Fenoll, i amb la possibilitat d'ampliar la participació a la Facultat de Medicina i Ciències de la Salut o a altres unitats interessades, i es faculta el rector per nomenar el representant de la Universitat a EPMA, comparèixer, si escau, davant notari i aixecar a públics els acords adoptats, i subscriure i signar tots els documents i realitzar tots els actes necessaris per a l'execució de l'acord de participació de la URV.

19. S'acorda ratificar la participació de la URV en la fundació resultant de la reorganització de les estructures de turisme en les quals ja participa.

20. S'aprova que el Dr. Ramon M. Miralles Pi substitueixi en les comissions delegades d'Investigació i Transferència i de Prevenció de Riscos Laborals la Dra. M. José Figueras que ha deixat de ser membre de dret del Consell de Govern.

21. S'acorda ratificar els convenis que figuren com a annex.

22. S'acorda derogar les normatives següents:

- Normativa d'estudiants visitants
- Normativa d'estudiants a temps parcial
- Normativa d'accés a ensenyaments de segon cicle
- Normativa sobre aspectes acadèmics dels programes de doctorat i tesis doctorals.

23. S'acorda extingir les comissions següents:

- Comissió d'elaboració del Pla d'autocontrol de la legionel·losi
- Comissió de Postgrau i Doctorat
- Comissió de Coordinació de les noves titulacions de Grau
- Comissió de treball per a l'organització del campus de l'Avinguda Catalunya
- Comissió per a l'elaboració d'una proposta de Normativa de transferència en àmbits d'especial sensibilitat pública
• Comissió Amics de la URV
• Comissió transversal per a la convergència del CRAI
• Comissió de seguiment del Pacte de Dedicació
• Comissió per a la celebració del 20è aniversari de la URV

Es presenten els informes següents:

• Informe sobre la matrícula del curs 2013-14
• Informe sobre emprendoría
• Informe sobre els acords de les comissions delegades
Action Plan

A2.- Career Advice to PhD Student in their 3rd year.
## ACTION PLAN URV

### Action: A2. “Career Advice to PhD student”

#### Description:

The objective is to train students at their 3rd year of PhD to become more employable after they have read their thesis. Courses such as: The use of social networks, Reference management, proper English scientific papers writing, … etc.

#### Responsible for the action (Who):

Doctoral School  
Institute of Education Sciences

#### Other agents involved:

Trainers (Internal & External)

#### To who the action is addressed:

PhD students (3rd year)

#### How:

Through the organisation of professional and recognised courses (PROFID Programme)

#### Deliverables:

Delivered courses:

1. Xarxes socials per als investigadors - PROFI043 - 3h.  
4. Base de dades ISIWeb of Science (WOS): nivell avançat PROFI054 – 3h.  
5. Redacció d’articles científics en anglès – PROFI067 – 18h.  
8. Workshop “Migration, development and gender” – PROFI016 – 7h.  
12. l-Cercador: el portal de recursos electrònics – PROFI065 – 3h.  
13. Eines per a l’avaluació de la producció científica en ciències de la salut i ciències socials. PROFI103 – 3h.  
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01 d’abril de 2014

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PROFI043

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INFORMACIÓ GENERAL

PRESENTACIÓ

Les xarxes socials per als investigadors són comunitats virtuals que fomenten el contacte a nivell internacional entre investigadors que treballen a la mateixa disciplina. Resulten d'utilitat per fer un seguiment de la recerca en un àmbit concret, veure els perfils professionals, contactar amb científics, consultar publicacions, conferències, etc. En aquest àmbit s'inclouen ResearchGate, Academia.edu, Mendeley, etc.

OBJECTIUS

Conèixer el funcionament i els principis de cadascuna de les principals xarxes socials per als investigadors (ResearchGate, Academia.edu, Mendeley) i fer especial incidència en l'ús dels paràmetres que fixa cadascuna de les xarxes per tal de mesurar l'impacte de la recerca que dur a terme un investigador.

CONTINGUTS

- Introducció
- ResearchGate
- Academia.edu
- Mendeley
- Informació que proporcionen les plataformes de l'impacte de la recerca.

MATERIAL

Presentació en PowerPoint.
**Activitat del Pla General del PROFID** (Programa de Formació pel Personal Docent i Investigador) de la URV

**Activitat:** Gestor de referències bibliogràfiques: Mendeley  
**Lloc:** Campus SesCelades  
**Nivell:**  
**Codi:** PROFI047

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**Data i Signatura**  
19 de febrer de 2014

**Mª Peiró**
**PROFI047**

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**INFORMACIÓ GENERAL**

**PRESENTACIÓ**

Mendeley és l'eina que us permetrà gestionar la vostra bibliografia. Aquest programa us permetrà crear una base de dades personal amb totes les referències que utilitzeu en els vostres treballs d'investigació, en l'elaboració de la bibliografia de les guies docents, per a la realització de comunicacions a congressos, etc.

**OBJECTIUS**

- Crear una base de dades personal per emmagatzemat referències importades de bases de dades o afegides manualment.
- Gestionar les referències creant carpetes per matèries, assignatures, projectes, etc.
- Generar automàticament bibliografies en diversos formats (MLA, Vancouver, ISO, etc) de les referències guardades i exportar-les a un document de text (word).

**CONTINGUTS**

1. Mendeley: concepte i ús.
2. L'accés a Mendeley.
3. Les activitats i els recursos:
   3.1. Crear un compte
   3.2. Exportar referències de bases de dades i/o catàlegs
   3.3. Crear carpetes
   3.4. Crear una bibliografia
   3.5. Crear bibliografia amb cites dins d'un document
   3.6. Compartir les referències a un grup de treball

**MATERIAL**

Exercicis pràctics dins de la sessió.

---

40/344 Pending board approval
## Activitat del Pla General del PROFID (Programa de Formació pel Personal Docent i Investigador) de la URV

### Activitat:
**Base de dades Scopus: nivell avançat**

### Lloc:
- Campus Catalunya

### Nivell:

### Modalitat:
- Curs

### Codi:
- PROFI053

### Hores:
- 3

### Inici:
- 10/06/14

### Cloenda:
- 10/06/14

### Professor/a

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17 de juliol de 2014

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**INFORMACIÓ GENERAL**

**PRESENTACIÓ**

Sciverse Scopus és una eina de navegació bibliogràfica, produïda per Elsevier, que conté més de 19.000 publicacions científiques, tècniques, mèdiques i de ciències socials procedents de 5.000 editorials internacionals. És la base de dades més completa de les existents oferint l’accés a més de 36 milions de registres de temàtica interdisciplinària (química, física, matemàtiques, enginyeria, geologia, ciències de la salut, ciències socials, psicologia, economia, biologia, agricultura i ciències del medi ambient). Permet localitzar articles de revista, conferències, conèixer el nombre de vegades que un article ha estat citat, així com cercar recursos web i patents a través del seu motor de cerca Scirus.

**OBJECTIUS**

- Conèixer l’organització i utilitat de la base de dades Scopus.
- Ser capaç de fer cerques i crear alertes bibliogràfiques.
- Conèixer el factor d’impacte d’una revista.

**CONTINGUTS**

1. FECYT: Gestió de la informació científica (GIC)
2. Què és Scopus?
3. Abast d’Scopus
4. Funcionalitats avançades d’Scopus
5. On trobar més informació
6. Posa a prova les teves habilitats

**MATERIAL**

Exercicis pràctics dins de la sessió.
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### Professor/a

CRAI amb DNI núm., 3 hores

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### Data i Signatura

Ol d'abril de 2014

[Signature]

Pending board approval
**PRESENTACIÓ**

*ISI Web of Science (WOS)* és una plataforma basada en tecnologia web que recull les referències de les principals publicacions científiques de qualsevol disciplina del coneixement.

**OBJECTIUS**

- Conèixer les principals novetats de la plataforma de consulta.
- Conèixer les funcions avançades dels continguts de 3 bases de dades i/o eines WOS
- Utilitzar a nivell avançat la *Web of Science*.

**CONTINGUTS**

1. *Web of Science (WOS)*: principals novetats.
2. *Web of Science Core Collection*
3. *Bases de dades de la Web of Science*
4. *Journal Citation Reports i Essential Science Indicators*
5. *Personalització de la WOS*

**MATERIAL**

Exercicis pràctics dins de la sessió.
**UNIVERSITAT ROVIRA I VIRGILI**

**INSTITUT DE CIENCIES DE L'EDUCACIÓ**

**Acta Curs Acadèmic:** 2013-2014

Activitat del Pla General del PROFID (Programa de Formació pel Personal Docent i Investigador) de la URV

**Activitat:** Redacció d'articles científics en anglès

**Lloc:** Campus Catalunya

**Nivell:**

**Modalitat:** Curs

**Codi:** PROFI067  **Hores:** 18  **Inici:** 21/01/14  **Closenda:** 06/02/14

**Professor/a**

Bates, John amb DNI núm. X0566724G, 18 hores

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**Data i Signatura**

12 de febrero de 2014

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PROF 067: Writing Scientific Articles in English

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GENERAL INFORMATION

PRESENTATION

Nowadays, researchers from all sorts of scientific disciplines often have to write in English if they wish to communicate the results of their work beyond the most local environments.

This course aims to provide researchers with support in the process of writing by providing them with resources so that they can be more autonomous and self-critical when drawing up their articles in English.

AIMS

- The general aim of the course is to provide researchers with the techniques they need to write their scientific articles in English.

CONTENT

- Short summary of the historical evolution of the scientific article
- The structure of a research article: the content and sections according to the standard format (IMRAD).
- Frequent grammatical and semantic errors (of Catalan and Spanish speakers).
- Stylistic features of clear writing:
- Construction of sentences
- Paragraph structure
- Use and abuse of the passive
- Nominalisations
- Modifiers
- Verb tenses
- Parallelism
- Redundancy
- Stacking of grammatical structures
- Consistent vocabulary

MATERIAL

All participants will be provided with the material at the beginning of the course.
**Acta Curs Acadèmic:** 2013-2014

**Activitat del Pla General del PROFID (Programa de Formació pel Personal Docent i Investigador) de la URV**

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**Professor/a**

Pérez-Portabella López, Antoni amb DNI núm. 46132459W, 6 hores

Verrier Delaibaie, Jaime amb DNI núm. 43722742H, 6 hores

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24 d'abril de 2014

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El curs proposa una formació pràctica on es desenvolupen habilitats de comunicació oral a l’aula i virtuals en videoconferència. Al llarg de les sessions de treball, es fan enregistraments de vídeo dels propis alumnes on s’analitzen els diferents aspectes de la comunicació oral com són la comunicació no verbal, l’estratègia del discurs, l’ús de la veu, el disseny del material multimèdia, entre altres i es fan propostes de millora de la comunicació a l’aula o en altres àmbits.

**OBJECTIUS**

- Conèixer els factors discursius de la comunicació oral formal i en públic (estructura, estratgies expositives i argumentatives, recursos retòrics, elements no verbals, etc.).
- Analitzar les intervencions orals pròpies i del grup.
- Adonar-se dels aspectes comunicatius positius que cal rendibilitzar o negatius que cal millorar.
- Saber gestionar el discurs oral.
- Conèixer les tècniques que permeten millorar la capacitat de parlar en públic i aplicar-les a l’àmbit docent. Ensinistrar-se en la producció de discursos d’un grau de formalitat alt.
- Perfeccionar el llenguatge i la seva expressió.

**CONTINGUTS**

Proposta de distribució de sessions a determinar en funció de la disponibilitat

Sessió 2 (previsió: 4 hores): Pràctiques amb enregistraments i comentaris. Actituds comunicatives. La comunicació verbal i no-verbal davant el públic i la càmera.


**MATERIAL**

Es facilitarà el material necessari als assistents a l’inici del curs
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**PROFI232**

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**PRESENTACIÓ**

L’objectiu de l’activitat és la formació del professorat del Departament d’Economia (tot i que la participació està oberta a altres departaments). Les classes les realitzaran investigadors externs de primer nivell. Aquests presentaran noves i importants línies de recerca per donar a conèixer al professorat de la URV la recerca puntera dintre de l’àmbit de l’economia.

La periodicitat és d’una classe de 4 hores (dividida en dues sessions) cada quinze dies, aproximadament. La primera sessió consistirà en una aproximació a una temàtica determinada en l’àmbit de la recerca en Economia on s’explicaran els desenvolupaments més recents en aquesta disciplina així com les ‘open questions’ dins de la temàtica. La segona sessió consistirà en la presentació d’un treball recent del ponent en l’àmbit concret.

**OBJECTIUS**

1) És important per a la formació continuada del professorat, que aprèn del que es fa en altres universitats o centres de recerca així com en el mateix departament, tant sobre el contingut com sobre la metodologia d’investigació utilitzada.

2) És també una manera de donar a conèixer el nostre departament i permet establir connexions entre investigadors i grups de recerca de la URV i d’altres universitats, institucions o centres de recerca.

3) També és una activitat que complementa la formació dels estudiants de doctorat de la Facultat d’Economia i Empresa.
04/02/2014: Primera sessió (10-12,30h): “Recent developments and open questions in cooperative games”.
Segona sessió (13-14,30h): “Rationing problems with payoff thresholds”
Les dues sessions són a càrrec del Dr. Josep M. Izquierdo. Professor d’ Economia, Finances i Matemàtiques actuàrials de la Universitat de Barcelona. Membre del grup de recerca “Game Theory, Operations Research and Optimization” de la Universitat de Barcelona.

04/03/2014: Primera sessió (10-12,30h): “Recent developments and open questions in social conflicts”.
Segona sessió (13-14,30h): “A Politico-Economic Model of Public Expenditure and Income Taxation”
Les dues sessions són a càrrec del Dr. Joan Esteban. Investigador del Institut d’ Analisi Econòmica- CSIC.

18/03/2014: Primera sessió (10-12,30h): “Recent developments and open questions in economic experiments”.
Segona sessió (13-14,30h): “On Women’s Underperformance in Competitive Environments: When and Why”
Les dues sessions són a càrrec del Dr. Pedro Rey. Professor del Departament d’ Economia i d’ Història Econòmica de la UAB.

01/04/2014: Primera sessió (10-12,30h): “Recent developments and open questions in industrial dynamics and innovation”.
Segona sessió (13-14,30h): (pendent de determinar)
Les dues sessions són a càrrec del Dr. Pablo d’Este. Investigador del Instituto de Gestión de la Innovación y el Conocimiento (INGENIO)- CSIC-UPV.

04/04/2014: Primera sessió (10-12,30h): “Recent developments and open questions in Econometrics”.
Segona sessió (13-14,30h): (pendent de determinar).
Les dues sessions són a càrrec del Dr. Helmut Herwartz, catedràtic d’ Econometria de la Georg-August-Universitat de Göttingen.

29/04/2014: Primera sessió (10-12,30h): “Recent developments and open questions in homeownership economics”.
Segona sessió (13-14,30h): “Homeownership and Entrepreneurship. The role of commitment and mortgage debt”
Les dues sessions són a càrrec del Dr. Christian Hilber. Professor del Department of Geography and Environment de la London School of Economics.

13/05/2014: Primera sessió (10-12,30h): “Recent developments and open questions in asset pricing, optimal portfolio allocation and GMM estimation methods”.
Segona sessió (13-14,30h): “Bank Characteristics and the Interbank Money Market: A Distributional Approach”
Les dues sessions són a càrrec del Dr. José Olmo. Professor del Department of Economics de la University of Southampton.

10/06/2014: Primera sessió (10-12,30h): (pendent de determinar)
Segona sessió (13-14,30h): (pendent de determinar)
Les dues sessions són a càrrec del Dr. Begofia Subiza. Professora d’ Economia de la Universidad de Alicante.

MATERIAL
Els professors facilitaran el material de les dues sessions (en pdf) a través del web del Departament d’Economia.

**AVALUACIÓ I CERTIFICACIÓ**

Per dur a terme l’avaluació del desenvolupament de l’activitat es demanarà l’assistència al 70% de les sessions. El sistema de control es realitzarà a través de la signatura en els fulls d’assistència.
Activitat del Pla General del PROFID (Programa de Formació pel Personal Docent i Investigador) de la URV

**Activitat:** Workshop "Migration, development and gender"

**Lloc:** Facultat d'Economia i Empresa

**Nivell:**

**Codi:** PROF1016  **Hores:** 7  **Inici:** 02/07/13  **Closesa:** 02/07/13

**Professor/a**

Instutit de Ciències de l'Educació amb DNI núm., 7 hores

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**Data i Signatura**

03 de setembre de 2013

M. Ruiz
**UNIVERSITAT ROVIRA I VIRGILI**

**Acta Curs Acadèmic:** 2012-2013

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**Data i Signatura**

O4 de febrer de 2013

\[\text{Núria Ramírez}\]
**PROFI030 Parlar en públic: curs d’expressió i comunicació oral**

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**INFORMACIÓ GENERAL**

**PRESENTACIÓ**

El curs proposa una formació pràctica on es desenvolupen habilitats de comunicació oral a l’aula i virtuals en vídeoconferència. Al llarg de les sessions de treball, es fan enregistraments de vídeo dels propis alumnes on s’analitzen els diferents aspectes de la comunicació oral com són la comunicació no verbal, l’estratègia del discurs, l’ús de la veu, el disseny del material multimèdia, entre altres i es fan propostes de millora de la comunicació a l’aula o en altres àmbits.

**OBJECTIUS**

- Conèixer els factors discursius de la comunicació oral formal i en públic (estructura, estratègies expositives i argumentatives, recursos retòrics, elements no verbals, etc.).
- Analitzar les intervencions orals propies i del grup.
- Adonar-se dels aspectes comunicatius positius que cal rendibilitzar o negatius que cal millorar.
- Saber gestionar el discurs oral.
- Conèixer les tècniques que permeten millorar la capacitat de parlar en públic i aplicar-les a l’àmbit docent. Ensenyar-se en la producció de discursos d’un grau de formalitat alt.
- Perfeccionar el llenguatge i la seva expressió.

**CONTINGUTS**
Proposta de distribució de sessions a determinar en funció de la disponibilitat


Sessió 2 (previsió: 4 hores): Pràctiques amb enregistraments i comentaris. Actituds comunicatives. La comunicació verbal i no-verbal davant el públic i la càmera.


MATERIAL

Es facilitarà el material necessari als assistents a l’inici del curs
**Activitat del Pla General del PROFID (Programa de Formació pel Personal Docent i Investigador) de la URV**

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**Professor/a**

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**Data i Signatura**

11 de desembre de 2012

[Signature]

Diligència per fer constar que Santiago Macho amb DNI: 39899059Q, ha assistit al curs.

La Secretaria de l'ICE,

[Signature]

Núria Ruiz Morillas

Tarragona, 9 d'abril de 2013
**PROFID050**

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**INFORMACIÓ GENERAL**

**PRESENTACIÓ**

El RefWorks és l'el·lina que us permetrà gestionar la vostra bibliografia. Aquest programa us permetrà crear una base de dades personal amb totes les referències que utilitzeu en els vostres treballs d'investigació, en l'elaboració de la bibliografia de les guies docents, per a la realització de comunicacions a congressos, etc.

**OBJECTIUS**

- Crear una base de dades personal per emmagatzemat referències importades de bases de dades, o afegides manualment.
- Gestionar les referències creant carpetes per matèries, assignatures, projectes, etc.
- Generar automàticament bibliografies en diversos formats (MLA, Vancouver, ISO, etc) de les referències guardades i exportar-les a un document de text (word).

**CONTINGUTS**

1. RefWorks: concepte i ús.
2. L'accés a RefWorks.
3. Les activitats i els recursos:
   3.1. Crear un compte
   3.2. Exportar referències
   3.3. Crear carpetes per exportar referències
   3.4. Importar referències (del catàleg, de bases de dades, de PI)
   3.5. Crear una bibliografia
   3.6. Utilitzar Write-N-Cite per crear bibliografia amb cites dins d'un document

**MATERIAL**

Exercicis pràctics dins de la sessió.
**Universitat Rovira i Virgili**  
**Institut de Ciències de l'Educació**

**Acta Curs Acadèmic:** 2012-2013

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CRAI amb DNI núm., 3 hores

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14 de febrer de 2013

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PROFI062

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INFORMACIÓ GENERAL

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MATERIAL

Exercicis pràctics dins de la sessió.
La Activitat del Pla General del PROFID (Programa de Formació pel Personal Docent i Investigador) de la URV

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Data i Signatura

30 de gener de 2013

Núria Peral
PRESENTACIÓ

L’I-Cerc@dor és la plataforma que integra tots els recursos electrònics disponibles al Servei de Biblioteca i Documentació de la URV. Permet buscar a bases de dades, revistes i llibres electrònics.

La nova versió I-Cerc@dorPlus incorpora modificacions que tractarem en aquesta sessió.

OBJECTIUS

- Conèixer el funcionament del portal.
- Conèixer les possibilitats de cerca de la nova versió.
- Gestionar l’espai personal (El meu I-Cerc@dor).

CONTINGUTS

1. I-Cerc@dor: concepte i ús
2. Les opcions de cerca
3. El meu I-Cerc@dor: com gestiono el meu espai personal

MATERIAL

Exercicis pràctics dins de la sessió.
Activitat del Pla General del PROFID (Programa de Formació pel Personal Docent i Investigador) de la URV

**Activitat:** Eines per a l'avaluació de la producció científica en ciències de la salut i ciències socials

**Lloc:** Campus de les Terres de l'Ebre

**Nivell:**  
**Codi:** PROF103  
**Hores:** 3  
**Modalitat:** Curs  
**Inici:** 12/03/13  
**Cloenda:** 12/03/13

Professor/a

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20 de marz, de 2013

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### PRESENTACIÓ

L’avaluació de l’activitat científica és un procés reglat en el qual s’estableixen uns criteris específics per a cada àmbit del saber científic, tècnic i social. La Resolució de la Comisión Nacional Evaluadora de la Actividad Investigadora (19 de novembre de 2012) estableix uns criteris per a cadascun dels camps d’avaluació. En aquest curs presentarem diferents recursos específics per tal de valorar la producció científica en els camps de les ciències de la salut i les ciències socials.

### OBJECTIUS

- Conèixer els aspectes generals en l’avaluació de l’activitat científica.
- Conèixer quins recursos estableix la CNEAI per a la producció científica en ciències de la salut, ciències socials i ciències econòmiques i empresarials.
- Aprendre a fer les cerques en els recursos (bases de dades) que permeten valorar la producció científica.

### CONTINGUTS

1. Comunicació i avaluació de la ciència.
2. Criteris de la CNEAI (Comisión Nacional Evaluadora de la Actividad Investigadora).
3. Fonts d’informació científica.
4. Ús de les bases de dades per l’avaluació de la ciència.
   4.1. *Journal Citation Reports del Social Science Citation Index* i el *Science Citation Index* (ISI).
   4.2. ERIH
   4.3. INRECS - RESH - Scimago Journal Rank
   4.4. LATINDEX
   4.5. SCOPUS
   4.6. DICE_CINDOC
   4.7. Altres
5. Llibres i capítols de llibre.

### MATERIAL

Presentació en *powerpoint* per als participants.
ACTIVITAT DEL PLA ESPECÍFIC DEL PROFID (PROGRAMA DE FORMACIÓ PELE PERSONAL DOCENT I INVESTIGADOR) DE LA URV


LLOC: Facultat d' Economia i Empresa

NIVELL:  

CODI:  PROFI201  

HORES:  3  

INICI:  22/10/12  

CLOENYA:  22/10/12

PROFESSOR/A

Kutan, Alim amb DNI núm. Y2734144-X, 3 hores

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Data i Signatura

20 de desembre de 2012

[Signature]
PROF201

Título de la actividad

Tipo de actividad
Plan específico de formación cursos 2012-2013

Impartido por

<table>
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<tr>
<th>Nom</th>
<th>Institución</th>
<th>Creador/ó titular</th>
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<tbody>
<tr>
<td>Dra. Jordi Andreu</td>
<td>Universitat Rovira i Virgili</td>
<td>Col.laborador Permanent</td>
</tr>
<tr>
<td>Dr. Ali Kathan</td>
<td>Emerging Markets Finance and Trade</td>
<td>Editor. Professor Universitat Illinois (Southern Illinois University Edwardsville, USA)</td>
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Sessions
Duración: 3 horas

Lugares

| Día: 22 Octubre de 2012 | Horario: 09.00h a 12.00h | Lloc: Facultat de Economia i Empresa (Reus) |

INFORMACIÓ GENERAL

PRESENTACIÓ
Tenint en compte la importància de publicar en revistes d'alt nivell (incloses en el JCR) per a desenvolupar la trajectòria professional com a acadèmic, aquest seminari ofereix consells per tal de poder publicar en aquestes revistes informant sobre els criteris actuals d'acceptació que es tenen en compte des de la perspectiva de l'editor de la Revista Emerging Markets Finance and Trade.

OBJECTIUS
Informar al professorat sobre els criteris que es tenen en compte per a l'acceptació d'articles en revistes d'alt nivell.

Donar l'oportunitat d'interactuar directament amb l'editor d'una revista important JCR

CONTINGUTS

1. Revistes ISI
2. Explicación sobre Emerging Markets Finance and Trade
3. "How to publish in Top Social Science Index Journals"
MATERIAL.

Ordinador, connexió a Internet i altaveus.

EVALUACIÓ I CERTIFICACIÓ

Assistència a un mínim del 75% de les sessions.
**Universitat Rovira i Virgili**

**Acta Curs Acadèmic:** 2012-2013

Activitat del Pla Específic del PROFID (Programa de Formació pel Personal Docent i Investigador) de la URV

- **Activitat:** Redacció d'articles científics i material didàctic amb LaTeX
- **Lloc:** Facultat d'Economia i Empresa
- **Nivell:**
- **Codi:** PROFI202
- **Hores:** 20
- **Modalitat:** Curs
- **Inici:** 24/11/10
- **Cloenda:** 31/10/12

**Professor/a**

Cano Berlanga, Sebastian amb DNI núm. 39729048, 20 hores

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**Data i Signatura**

27 de novembre de 2012

[Signature]
El programari LaTeX permet a l’usuari redactar documents científics, articles, tesis, material didàctic o presentacions de qualitat editorial professional. A més, LaTeX és l’estàndard en l’edició de textos científics en moltes especialitats científiques i revistes JCR, i cada vegada està prenent més força en la investigació en ciències socials. La relació LaTeX-R-Gretl-Stata-Refworks facilita la Inclusió de gràfics, imatges i taules als textos, i converteix en una tasca senzillament l’edició de bibliografías.

Els avantatges de redactar documents en LaTeX són diversos. Per una banda l’edició és independent del procés de redacció, (augmentant la flexibilitat dels textos i millorant la qualitat del document final), fet que permet una reducció substancial de temps en posteriors modificacions. En segon lloc, la gestió bibliogràfica és ràpida, permetent a l’usuari canviar ràpidament la forma de citació, o la inclusió parcial o total de les referències disponibles. Finalment, és senzilla la importació de resultats procedents de software de tractament de dades (R, Stata, Gretl), fet que reduïx el temps d’edició i tractament de taules i gràfics.

Una elna imprescindible per a investigadors que vulguin fer un pas més en la qualitat de la seva recerca.

**OBJECTIUS**

Aprendre l’ús bàsic de LaTeX per a la redacció d’articles, tesis i altres documents.

Donar eines adequades per desenvolupar-se per sí mateix en l’entorn LaTeX un cop finalitzat el curs.
CONTINGUTS

1. Introducció a Latex: editors i instal·lació.
2. Ús de Latex: Estructura, elaboració de plantilles, formats, opcions de preàmbul i personalització de documents.
3. Incorporació de taules, gràfics i fórmules.
4. Bibliografia
5. Presentacions professionals
6. Solució de problemes
7. Edició multiautor

MATERIAL

Aula Informàtica. Preferiblement aula 07 de la FEE

AVALUACIÓ I CERTIFICACIÓ

Definir, si s'escau, quins mecanismes I/O instruments es pretenen per avaluar el desenvolupament de l'activitat: assistència mínima al 75% de les sessions.
Action Plan

A3.- Specific training for PhD supervisors.
**ACTION PLAN URV**

**Action: A3. “Specific training for PhD supervisors”**

**Description:**

The aim is to enable supervisors to establish a highly productive and satisfying supervisory relationship and thus to improve the overall quality of doctoral education.

The workshop consists of four main modules: on the supervisory biography, on expectations, roles and supervisory relationship, on selecting doctoral candidates, and on warning signs and possible solutions if the PhD project is in danger of going to fail. In addition it introduces into supervisory inter-vision, a peer counseling technique in order jointly to discuss supervisory cases and to exchange experiences. This activity is included in the PROFID - Training Plan to researchers and teachers.

The second edition incorporates the “Follow-up Workshop professionalization of PhD Supervision” which provides the opportunity to the participants to review and discuss the experiences made on the basis of the lessons learnt, to be trained in some additional elements and to strengthen their practice and ability to discuss their supervision cases in a peer group supervision format.

The fourth edition incorporates the “Training for Trainers of Supervisors” and the Workshop on “Supervisors training for Heads of URV Doctoral Programmes”.

Information on these four programmes are attached in deliverables.

**Responsible for the action (Who):**

Dr. Jordi Cartanyà. Executive Manager of CEICS Office (Campus of international Excellence Southern Catalonia)

**Other agents involved:**

Doctoral School, Vicerector of Research, Vicerector of Academic policy and teaching

**To whom the action is addressed:**

The target audience to this workshop is young supervisors who have started to supervise doctoral candidates. So, junior professors or associate professors new in their first employment are the main target group, but may be also post docs eager to become scholars and supervisors soon. (Please find attached the list of participants)

**How:**

Lecture by Dr. Helmut Brentel, Executive Director of the International Postgraduate Center Social Sciences, Goethe University Frankfurt am Main. (Please find attached his CV)

**Deliverables:**

1. Programme “Professionalisation on PhD Supervision”.
2. Programme “Follow up workshop professionalisation of PhD Supervision”.
3. Programme “Training for Trainers of Supervisors”.
4. Programme “Supervisors training for Heads of URV Doctoral Programs”.
5. List of the participants in each workshop.
6. CV of Helmut Brentel.
7. Summary of activities (in catalan)
8. Activities reports by Prof. Brentel.
9. Strategic and Operative Plan for Developing Outstanding Quality in Research Supervision at the URV by Prof. Brentel.
Deliverables
Workshop „Professionalization of PhD Supervision“

Day 1

**Module 1**

<table>
<thead>
<tr>
<th>Time</th>
<th>Supervisory Biography</th>
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<tbody>
<tr>
<td>9:00 – 9:15</td>
<td>Introduction into the workshop – objectives, concepts and contents</td>
</tr>
<tr>
<td>9:15 – 10:00</td>
<td>Introducing participants and their expectations to the workshop</td>
</tr>
<tr>
<td>10:00 – 10:30</td>
<td>International developments in research supervision</td>
</tr>
<tr>
<td>10:30 – 10:45</td>
<td>coffee break</td>
</tr>
<tr>
<td>10:45 – 11:30</td>
<td>Phases, measures and objectives in the PhD trajectory: Working and supervising with the Supervisory Biography</td>
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<tr>
<td>11:30 – 12:50</td>
<td>Working groups on Supervisory Biography</td>
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**Module 2**

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<th>Time</th>
<th>Expectations, Roles, Supervisory Relationship</th>
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<tbody>
<tr>
<td>14:00 – 14:45</td>
<td>Transparency and awareness in the supervisory relationship: The importance of clarifying expectations and roles</td>
</tr>
<tr>
<td>14:45 – 15:45</td>
<td>Working groups on expectations, roles and supervisory relationship</td>
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<tr>
<td>15:45 – 16:00</td>
<td>coffee break</td>
</tr>
<tr>
<td>16:00 – 16:40</td>
<td>Reports from working groups and discussion of results</td>
</tr>
<tr>
<td>16:40 – 17:00</td>
<td>Useful tools for supervisors and doctoral candidates – explaining the toolkit</td>
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12.50 – 14.00 **Lunch**

Day 2

**Module 3**

<table>
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<th>Time</th>
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<tbody>
<tr>
<td>9:00 – 9:15</td>
<td>Introduction into day 2: conclusions and objectives</td>
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<tr>
<td>9:15 – 10:00</td>
<td>Selection of candidates</td>
</tr>
<tr>
<td>9:50 – 10:45</td>
<td>Strengths and weaknesses of our doctoral candidates</td>
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<td>10:45 – 11:00</td>
<td>coffee break</td>
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<tr>
<td>11:00 – 12:50</td>
<td>SWOT Analysis of the selection process</td>
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12.50 – 14.00 **Lunch**

**Module 4**

<table>
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<td>14:00 – 14:20</td>
<td>When the PhD project is going to fail. Warning signs and possible solutions</td>
</tr>
<tr>
<td>14:20 – 15:10</td>
<td>Working groups on Detecting and Solving Problems in Research Supervision</td>
</tr>
<tr>
<td>15:10 – 16:15</td>
<td>Intervision: presenting and discussing cases – exchanging experiences</td>
</tr>
<tr>
<td>16:15 – 16:30</td>
<td>coffee break</td>
</tr>
<tr>
<td>16:30 – 17:00</td>
<td>Results and conclusions - feedback on day 2 Suggestions und actions for the upcoming time</td>
</tr>
</tbody>
</table>
Follow-Up Workshop „Professionalization of PhD Supervision“

Universitat Rovira i Virgili, 18th October 2013

9:00 – 9:20 Introduction into the workshop –
International developments and surveys in research supervision

9:20 – 10:20 Wallpaper presentation and joint discussion –
Recent experiences and strategies of workshop participants in improving personal and institutional supervision practices

10:20 – 10:35 coffee break

10:35 – 12:30 Presentation and interactive exercises –
Joint elaboration of supervisory tools:
“Motivating your Candidates”, “Selection of Candidates”,
“Detecting and Solving Problems”

12:30 – 12:50 Reports from the working groups and discussion of results

12:50 – 14.00 Lunch

14:00 – 16:15 Intervision exercises:
Presenting and discussing cases, exchanging experiences

16:15 – 16:30 coffee break

16:30 – 17:00 Results, strategies and suggestions for the upcoming time
Workshop „Training for Trainers of Supervisors“

Day 1  
Oct 16th 2014

Modules

9:00 – 12:50  
Introduction
Participants and Stakeholders
Concept, Phases and Methods
Guiding the Workshop

12.50 – 14.00  
Lunch

14:00 – 17:00  
Core Modules

Day 2  
Oct 17th 2014

Modules

9:00 – 12:50  
Qualification aims
Module Design
Interactive Exercises
Tools

12.50 – 14.00  
Lunch

14:00 – 17:00  
Intervision
Follow-up workshops
Literature and Resources
Final session – preparation for workshop assistance and home work
Information Workshop on Supervisors Training for the Heads of URV Doctoral Programmes

Day
Oct 10th 2014

Modules

9:00 – 12:50 Introduction into the Topic
- International Development in Research Supervision
- Professionalization of PhD Supervision
- Objectives and Perspectives for URV

Expectations of the Participants
Concepts and Methods
 Modules and Qualification Aims

12.50 – 14.00 Lunch

14:00 – 17:00 Tools
Literature and Resources
Intervision
Follow-up workshops
Results and Success Stories
Supervision Culture and Community Building
Conclusion – Future Plans and Cooperation
# CEICS DOCTORAL SUPERVISION TRAINING - FOLLOW-UP WORKSHOP PARTICIPANTS  19 MAY 2014

<table>
<thead>
<tr>
<th>Participant Name</th>
<th>Doctoral Program in</th>
<th>Supervision experience</th>
<th>DO WS</th>
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<tr>
<td>1 Ercilia García</td>
<td>Economics and Business / Tourism and Leisure</td>
<td>1 supervision finished + 3 supervision in progress</td>
<td>16-17 OCT</td>
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<tr>
<td>2 Luis Marqués</td>
<td>Educational Technology</td>
<td>3 supervision finished + 3 supervision in progress</td>
<td>16 - 17 OCT</td>
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<tr>
<td>3 Sandra Contreras</td>
<td>Chemical, Environmental and Process Engineering</td>
<td>2 supervision finished + 2 co-supervision in progress</td>
<td>16 - 17 OCT</td>
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<tr>
<td>4 Isabel Oltra</td>
<td>Language, literature and culture</td>
<td>1 supervision in progress</td>
<td>16 - 17 OCT</td>
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<tr>
<td>5 Blanca Deusdad</td>
<td>Anthropology</td>
<td>1 supervision finished</td>
<td>16 - 17 OCT</td>
</tr>
<tr>
<td>6 Antonio Paolo Russo</td>
<td>Tourism and Leisure</td>
<td>2 supervision finished + 2 supervision in progress</td>
<td>14-15 OCT</td>
</tr>
<tr>
<td>7 Ana-Beatriz Hernández</td>
<td>Economics and Business</td>
<td>1 supervision in progress</td>
<td>17-18 APRIL</td>
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<tr>
<td>8 Joan Josep Carvajal</td>
<td>Nanoscience, Materials and Chemical Engineering</td>
<td>3 supervision finished + 2 supervision in progress</td>
<td>14-15 OCT</td>
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<td>Mulero Abellán, Miquel</td>
<td>Biochemistry and Biotechnology</td>
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<td>Miranda Guardiola, Mercé</td>
<td>University Hospital &quot;Joan XXIII&quot;</td>
<td>Nutrition and Metabolism</td>
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<td>Lorenzo Merino, Carlos</td>
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<td>Quaternary and Prehistory</td>
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<td>Terra Barbadora, Ximena</td>
<td>Biochemistry and Biotechnology</td>
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<td>2) May, 14-15</td>
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<td>De la Flor López, Silvia</td>
<td>Mechanical Engineering</td>
<td>[RD99/2011] Nanoscience, Materials and Chemical Engineering</td>
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<td>Participant Name</td>
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<td>Fiz, Ignacio</td>
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<td>2 co-supervision in progress</td>
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<td>Morales Vives, Fabia</td>
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<td>Isabel</td>
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FOLLOW-UP DOCTORAL SUPERVISION TRAINING

Date: October 27, 2014
Module: evening

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<td>Solà Alberich, Rosa</td>
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Pending board approval
# INFORMATION WORKSHOP ON SUPERVISORS TRAINING FOR THE HEADS OF URV DOCTORAL PROGRAMMES

Date: October 10, 2014

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<th>Doctorate</th>
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<tr>
<td>Health Psychology and Psychiatry</td>
<td>Mª Teresa Colomina Fosch</td>
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<td>Aïda Valls Mateu</td>
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<td>Humanistic Studies</td>
<td>Maria Bargalló Escrivà</td>
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<td>Nutrigenomics and Personalised Nutrition</td>
<td>Montserrat Pinent Armengol</td>
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<td>Erasmus Mundus Quaternary and Prehistory</td>
<td>Robert Sala Ramos</td>
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<td>Doctoral School - Director</td>
<td>Francesc Díaz González</td>
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<td>Maria José Rodríguez Cuesta</td>
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## TRAINING FOR TRAINERS OF SUPERVISORS

Date: October 8, 2014  
Module: morning

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<td>Reguero de la Poza, Maria del Mar</td>
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</table>
Profile

PD Dr. habil. Helmut Brentel

Scholar, researcher and supervisor in the areas of the sociology of organizations, organisational learning and change, sociology of industry and environmental sociology at the Goethe University Frankfurt am Main

Bologna expert in the development of higher education and in the establishment and evaluation of doctoral schools

Consultant and trainer in higher education, organisational learning and change processes

PD Dr. Helmut Brentel
Hirzenhainer-Str. 11
60435 Frankfurt am Main
Mobil: ++49-1578-7282851
Email: brentel@soz.uni-frankfurt.de
Expertise in the development of higher education and doctoral schools

Founding activities and leading positions in establishing and managing doctoral schools

2001 – 2006  Executive Director of the International Postgraduate Programme Social Sciences, the first newly structured doctoral programme at the Goethe University Frankfurt am Main
2006 – 2011  Executive Director of the Frankfurt Graduate School for the Humanities and Social Sciences
2012 -        Executive Director of the International Postgraduate Center Social Sciences

Research and implementation projects in higher education

1998 – 2001  Coordinatation of a group of five German universities for the initial German pilot project in order to implement the Bologna scheme into higher education: Modularisierung in den Geistes- und Sozialwissenschaften (Modularisation in the Humanities and Social Sciences)
2004 – 2005  Doctoral Programmes Project of the European University Association (EUA)
2005        Improving Generic and Professional Communication of Doctoral Graduates across Europe, ProComDoc project funded by the European Union
2006 – 2008  COC CARRERS Project of the European University Association (EUA)
Publications

(Design and Establishment of Graduate Schools, In: Handbook Quality in Studying and Teaching)

(Structuring and Trans-Nationalisation of the PhD. Concepts and Experiences of the Frankfurt Graduate School)

Shaping the Doctorate Together, edited together with the Quality Circle PhD (QZP), 2012

Nachwuchsforschung in den Geistes- und Sozialwissenschaften. Forschungstag 2009 der Frankfurt Graduate School for the Humanities and Social Sciences, hrsg. zusammen mit Tilla Siegel, Frankfurt am Main 2010
(Postgraduate Research in the Humanities and Social Sciences, Research Day 2009 of the Frankfurt Graduate School for the Humanities and Social Sciences)

Entwicklungen und Programme strukturierten Promovierens, in: Brentel. H., Siegel., S, Nachwuchsforschung in den Geistes- und Sozialwissenschaften, Frankfurt am Main 2010

Gemeinsam die Promotion gestalten. Handlungsempfehlungen für Betreuende und Promovierende, zusammen mit dem Qualitätszirkel Promotion (QZP), 2010


Presentations (since 2006)

2013

Implementing Interdisciplinarity into an Umbrella Graduate School - Performance Profile and Success Stories of Interdisciplinary PhD Scholarships at the Frankfurt Graduate School for the Humanities and Social Sciences, EUA-CDE Workshop, Politecnico di Torino

2012

Comprehensive Concepts for Professional and Personal Development of Individual Doctoral Candidates, 3rd UNICA Master Class, Dubrovnik

Profile PD Dr. Helmut Brentel

Pending board approval
Professional and Personal Development of Individual Doctoral Candidates, 3rd UNICA Master Class, Dubrovnik

Designing Spaces for Creative Thinking and Individual Development in Skills Training, Supervision and Career Paths - Concepts and Experiences at Goethe University Frankfurt am Main, EUA-CDE Workshop Trinity College Dublin

2011

Research Creativity and Personal Development in the Frankfurt Model, EUA-CDE Conference Madrid

Establishing Doctoral Schools at the Goethe University Frankfurt am Main - Objectives, Design, Future Development, CEICS FORUM, University of Tarragona

2010

Strukturierung und Transnationalisierung der Promotion - Konzepte und Erfahrungen der Frankfurt Graduate School, Jubiläumskongress der Deutschen Gesellschaft für Soziologie, Frankfurt

Establishing a Doctoral School - Design and Implementation, University of Bilbao

2009

10 Dimensions of Structuring Doctoral Education - The Model of the Frankfurt Graduate School, University of Zagreb

The Future of Structured Doctoral Education - Change Models in a Challenging Global Environment, University of Zagreb

Entwicklungen und Programme strukturierten Promovierens (Developments and Programmes of Doing a Structured Doctorate), Research Day of the Frankfurt Graduate School for the Humanities and Social Sciences

Good Supervision and Supervisor Training as Cultural Challenge for Learning Universities, Universitat Autònoma de Barcelona

2008

Structured Doctoral Education at the Goethe University Frankfurt am Main, EU-China Meeting on Doctoral/Graduate Education, EC Delegation Beijing
Access, Progression and Support for Doctoral Candidates, EU-Asia Higher Education Platform, Beijing

Promovieren mit Perspektive (Doing a Doctorate with Good Perspectives), Research Day of the Frankfurt Graduate School for the Humanities and Social Sciences

Strukturierte DoktorandInnenausbildung an der Johann Wolfgang Goethe-Universität Frankfurt am Main. Schools and Programmes. Nachhaltigkeit in der Entwicklung von Qualifizierungs- und Betreuungsstrukturen in der Nachwuchsforschung durch ein Konzept von Dach-Graduate Schools, IUW-Workshop, Gießen
(Structured Doctoral Education – Sustainability in Developing Qualification and Support Measures in Postgraduate Research through Implementing Umbrella Graduate Schools)

2006

The Role of Graduate Schools in the Quality Assurance of Doctoral Schools, University of Tartu

Seminar on Doctoral Schools, University of Tartu

Doctoral Programmes at the Johann Wolfgang Goethe-Universität Frankfurt am Main, EUA – BFUG Workshop, Brussels
Consultant and trainer in higher education

Supporting higher education institutions in order to discover and develop the full potential of their doctoral schools and candidates

- Evaluation and development of doctoral schools – creating an outermost attractive research environment
- Assessing and moderating improvement and change processes in postgraduate education
- Supervisors training – professionalization of PhD supervision
- Intervision for supervisors – discussing cases and exchanging experiences
- Developing strategy and operative plan for implementing high quality supervision procedures and tools

References

University of Antwerp
University of Barcelona Pompea Fabra
University Autònoma de Barcelona
University of Bilbao
University of Cluj
University of Brussels
University of Ghent
University of Granada
Universität Heidelberg
Humboldt Universität zu Berlin
Universität Jena
Universität Koblenz-Landau
Universität Mainz
Universität Marburg
University of Oslo
Universität Saarbrücken
University of Tarragona
University of Tartu
Universität Trier
University of Vienna
Universität Würzburg
University of Zagreb

Profile PD Dr. Helmut Brentel

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Networks

European University Association (EUA)
European University Association Council of Doctoral Education (EUA-CDE)
Qualitätsszirkel Promotion (QZP)
Network of Universities from the Capitals of Europe (UNICA)
Universitätsverband zur Qualifizierung des wissenschaftlichen Nachwuchses in Deutschland (UniWIND), German University Association of Advanced Graduate Training
UK Vitae – realizing the potential of researchers

Social research on organisational learning and sustainable development

Selection of publications

Lern- und Innovationsfähigkeit von Unternehmen und Organisationen. Kriterien und Indikatoren, zusammen mit H. Hartmann und H. Rohn, Wuppertal Papers Nr. 156, Wuppertal Institut für Klima, Umwelt, Energie, Wuppertal 2005
(Learning and Innovation Capabilities of Enterprises and Organisations. Criteria and Indicators)


(STRATEGIC ORGANISATION ANALYSIS AND ORGANISATIONAL LEARNING. KEY COMPETENCES FOR A SUSTAINABLE ECONOMY. HOW TO ESTABLISH A SUSTAINABLE ECONOMY?)

Zukunftsfähige Unternehmen. Umweltschutz in lernenden Organisationen, Wuppertal Papers Nr. 109, Wuppertal Institut für Klima, Umwelt, Energie, Wuppertal 200

(SOCIAL RATIONALITY: DEVELOPMENTS, CONTENTS AND PERSPECTIVES OF RATIONALITY CONCEPTS IN SOCIAL SCIENCES)

(CONTRADICTIONS: ELEMENTS OF CRITICAL THEORY)

Profile PD Dr. Helmut Brentel
PROFESSIONALITZACIÓ DE LA SUPERVISIÓ DE TESIS DOCTORALS

Resum de les activitats realitzades:

**Initial Supervisors Training Workshop** (taller de 12 hores, en dos dies)

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**Follow-up on Doctoral Supervision Training** (taller de 6 hores, en un dia)

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**Activitats actuals (octubre de 2014):**
[dates de preinscripció actualitzades a 29 de setembre]

**Workshop "Training for Trainers of Supervisors"** (taller de 12 hores, en dos dies)

7 i 8 d'octubre de 2014
Participants: Dra. Maria Ercilia García, Dr. Joan Carvajal, Dra. Mar Reguero

**Information Workshop on Supervisors Training for the Heads of URV Doctoral Programmes** (taller de 6 hores, en un dia)

10 d'octubre de 2014 (coordinadors amb assistència confirmada: 11)

**Initial Supervisors Training Workshop** (taller de 12 hores, en dos dies)

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<tr>
<td>23 i 24 d'octubre de 2014</td>
<td>9</td>
</tr>
</tbody>
</table>

**Follow-up Doctoral Supervision Training** (taller de 6 hores, en un dia)

27 d'octubre de 2014 (7 preinscrits)
Proposta de programació 2015:

Observacions:
- Comptarem amb 3 directors de tesi formats com a *Trainers of Supervisors*
- Dels aproximadament 700 directors de tesi (dades del curs 2013-14), han participat als workshops 85 (12% aprox.)

Proposta:
- **2 tallers més d'iniciació** (*co-impartits Helmut – URV trainers*)
  - Encara tenim una demanda molt significativa, podríem tornar a oferir dos tallers re-negociant el preu amb el Helmut amb dos arguments: que ja serien la 9ª i 10ª edició, i que es reparteix el pes del curs amb els URV trainers

- **1 taller més de follow-up** (*URV trainers*)
  - La participació en el taller de seguiment tendeix a la baixa. Es podria programar a càrrec dels *URV trainers*, negociant amb ells quin reconeixement i/o retribució se'ls pot assignar.

- **1 taller/seminari per a doctorands** (*impartit íntegrament pels URV trainers*)
  - És molt important que els doctorands coneguin també què s'espera d'ells i dels seus directors de tesi. Els *URV trainers* podrien dirigir un seminari adreçat als doctorands, adaptant lleugerament el material del Helmut (negociar amb ells quin reconeixement i/o retribució se'ls pot assignar)
## SWOT-Analysis of the Selection Process – Group I

### Strengths
- URV grants for Master and PhD – direct contact with students (10 p)
- Knowledge of own needs (6 p)
- Indicators for selection (5 p)
- Young researchers – non traditional mentality (3 p)
- Right criteria (but informal) (2 p)
- Research Master students (2 p)
- Research training abroad – international research/networks (2 p)
- Flexibility and capability to generate contingency plans (2 p)
- Candidate’s motivation

### Weaknesses
- Focus on academic performance (10 p)
- Policies from departments and/or groups (5 p)
- Pressure on supervisor to accept doctoral candidate (5 p)
- Lack of self-confidence – cultural factor (4 p)
- Inconsistency of formal selection process, 1st meeting after selection (2 p)
- Research institutes (2 p)
- Lost of other potential candidates (1 p)
- Lack of formal criteria (1 p)
- Unexpected candidate behaviour

### Opportunities
- Scholar fellowships from Spanish government/ generalitat (6 p)
- Industry/manufacturers around the university area (4 p)
- Formal training (3 p)
- International talent pool (2 p)
- Collaborative research networks (2 p)
- Multidisciplinary research (2 p)
- Attractive environment (2 p)
- Amenities – weather, culture, food, wine, seize of city …
- External fellowship opportunities

### Threats
- Funding – pre-doctoral fellowship, contract … (9 p)
- Economic crisis – lack of permanent positions (7 p)
- Fellowship requirements – academic marks (4 p)
- International competitiveness (4 p)
- Quantitative criteria for starting a thesis (3 p)
- International image of Spain (2 p)
- Rising taxes – declining resources, scholarships, talent pool

### Plans, Projects and Tasks for the Weeks to Come
- Be active in media and networks (8 p)
- Promote a supporting organism – research funding tasks (7 p)
- Improve visibility – web page, international research of candidates
- Guidelines for potential students with expectations … (6 p)
- Define formal process of selection (5 p)
- Establish objective criteria (5 p)
- Implementation of the selection plan in our department (3 p)
- Development of attractive environment to enlarge the talent pool (2 p)
- Effective Divulgation of research (1 p)
- Develop a plan of selection taking into account the workshop suggestions
## SWOT-Analysis of the Selection Process – Group II

<table>
<thead>
<tr>
<th><strong>Strengths</strong></th>
<th><strong>Weaknesses</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Consolidated/experienced research groups (6 p)</td>
<td>Lack of criteria in the selection process (5 p)</td>
</tr>
<tr>
<td>The URV has a fellowship programme (4 p)</td>
<td>Lack of flexible criteria (3 p)</td>
</tr>
<tr>
<td>Interest in improving the supervisors (4 p)</td>
<td>Lack of transparency (3 p)</td>
</tr>
<tr>
<td>Interest for improvement (2 p)</td>
<td>Candidate’s profile not pre-defined (2 p)</td>
</tr>
<tr>
<td>Some criteria are good</td>
<td>Lack of candidates (2 p)</td>
</tr>
<tr>
<td>High motivation of supervisors</td>
<td>URV fellowship assignation process (2 p)</td>
</tr>
<tr>
<td></td>
<td>Lack of a guide to look for candidates (1 p)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Opportunities</strong></th>
<th><strong>Threats</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Private funding opportunities (4 p)</td>
<td>Permanent positions without evaluation – no selection (7 p)</td>
</tr>
<tr>
<td>Weather, food, culture … (4 p)</td>
<td>Economic crisis (3 p)</td>
</tr>
<tr>
<td>European funding (3 p)</td>
<td>Difficult access to academia (3 p)</td>
</tr>
<tr>
<td>Economic crisis (3 p)</td>
<td>Lack of resources (2 p)</td>
</tr>
<tr>
<td>Public funding opportunities (2 p)</td>
<td>High competitiveness (2 p)</td>
</tr>
<tr>
<td>Attractiveness of the university – security, social recognition (1 p)</td>
<td>Less money – salary (1 p)</td>
</tr>
</tbody>
</table>

## Plans, Projects and Tasks for the Weeks to Come

<table>
<thead>
<tr>
<th><strong>Information at Bachelor and Master level 7 p)</strong></th>
<th><strong>Increasing the URV visibility abroad (2 p)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Improvement of the selection criteria (6 p)</td>
<td>Network of supervisors (1 p)</td>
</tr>
<tr>
<td>Formation in supervision and co-supervision (3 p)</td>
<td>Transparent and consensual selection criteria</td>
</tr>
</tbody>
</table>

Pending board approval
Interactive Exercise: Roles, Expectations and Relations (G1)

Roles and Change of Roles

initial phase – contractual style  →  final phase

research phase – pastoral/directorial style
(depending on candidate)

• Yes, it forces you to adapt to the situation of each doctoral candidate in each stage of the PhD.
• A mixture of roles: Expert – especially in the beginning
  Manager
  Evaluator
  Mentor
  Coach
• We don’t reject any role.
• Lack of confidence and excessive need for support
  coach role  →  mentor role
• Exchange of experience with other supervisors – formal training
• Institutional programmes of supervisors training

• No previous experience
• A mixture of all roles depending on the doctoral candidates and the situation/phase
• There are no supervisory roles which we don’t like – but we don’t like too much management
• No experience with conflicting roles
• To be open minded
• Wishes/recommendations: training courses, meetings with other colleagues, group therapies
Awareness and Handling of Mutual Expectations

- Clarification of mutual expectations is very important – but not always done. Very important for both – the candidate and the supervisor.
- Especially important is to keep in contact and to reach an agreement on mutual expectations.
- Bad communication leads to abandonment.
- Establish an effective and real communication.
- Talk to the doctoral candidates at every PhD phase.
- Workshops on management, psychology, team work, conflict resolution.

- Especially important is:
  Reporting truthfully about the actual state of work.
  Reliability of appointments and meetings.
  Agreement on deadline which can and will be kept.
- Yes, there are experiences of supervision processes in which the mutual expectations on the supervision relation and the PhD trajectory have not been clarified sufficiently. The consequences have been:
  - lack of confidence of the results produced
  - delaying conferences, publications, thesis
  - abandon of the PhD – no continuity
- I can report on a best practice case: There was a PhD candidate with low productivity and family problems. After a conversation on clarifying the mutual expectations the candidate’s performance was improving.
- In order to clarify the mutual expectations between me and my doctoral candidate I/we will discuss the issues and think about them in advance.
- We recommend:
  - workshops and trainings
  - advice from senior supervisors

- Importance of clarification of mutual expectations:
  It avoids future misunderstandings and potential problems.
- Especially important to clarify are the expectations on:
  - timing
  - degree of structure and control
- Experiences of not being clarified expectations:
  Lack of clarification of expectations is the usual thing in our departments.
- We can’t report on best practice examples of clarification of mutual expectations.
- In order to clarify the mutual expectations between me and my doctoral candidate we need to have a specific conversation on this issue.
Recommendations for institutional improvement:
- formal training
- exchange of experiences between supervisors

Supervisory Relations and Supervisory Styles

Importance for the supervisor’s self-development:
- learning from the doctoral candidate
- development of your research
- basis for future collaboration/networking

What characterises me as a good supervisor?
Flexibility according to the candidate’s profile, caring.

Description of one’s supervisory style:
Structure and support dependent on the candidate as well as on time.

<table>
<thead>
<tr>
<th>time</th>
<th>contractual style</th>
<th>pastoral style</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(+ structure + support)</td>
<td>(- structure + support)</td>
</tr>
</tbody>
</table>

Yes, we wish to have more professional practice and exchange of experience in research supervision, and we see additional need in supervision knowledge and coaching techniques.

The issue of a good and productive supervisory relationship has global benefit for the doctoral candidates, the supervisors and the doctoral school.

What characterises me as a good supervisor?
- high motivation, youth, close to the PhD situation
- supervising tools needs

Description of one’s supervisory style:
at the beginning high structure and high support
then high structure and low support

Yes, we wish to have more professional practice and exchange of experience in research supervision, and we see additional need in supervision knowledge and coaching techniques.

What would you like to do in the time to come in order to understand and to develop supervision relationship better and more systematically?
Communication, defining the style depending on each case.

Which individual measures and action, which institutional strategies do you suggest?
Group therapies
In which respect is the issue of a good and productive supervisory relationship of importance for you/for doctoral school?
- European thesis
- papers
- conferences
- increase the network

What characterises me as a good supervisor?
positive practices: timely and written feedback, advice on literature
lacking practices: regular meetings, sufficient advice about objectives and deadlines

Description of one’s supervisory style:
The use of different supervisory styles – contractual and pastoral

Yes, yes we wish to have more professional practice and exchange of experience in research supervision, and we see additional need in supervision knowledge and coaching techniques.

What would you like to do in the time to come in order to understand and to develop supervision relationship better and more systematically?
- introduce new tools (explained in the workshop)
- modelling successful supervisors (share experience)

Which individual measures and action, which institutional strategies do you suggest?
- clarification of mutual expectations
- reflecting about your own expectations as a supervisor
Interactive Exercise: Roles, Expectations and Relations (G2)

Roles and Change of Roles

- Built up our own supervision style defining mutual expectations
  - to be able to adopt roles according to situations
- The roles change depending on the phases
  - expert role first stages of the thesis
  - other roles can be developed during all the processes (coach, mentor ...)
- Intuition is important to adopt candidates needs
- It is complicated to be good in all the roles (for instance in the management role)
- Be aware of the possible conflict between roles and supervision style
- NO role changing as indicator that something does not work
- Candidate should be informed from the outset that supervisor’s role WILL change as thesis progresses
- Be aware of different styles and own preferred/default style

Awareness and Handling of Mutual Expectations

Ongoing revisions
- Normally it is implicit but it is important to clarify in order to avoid misunderstandings
- Clarify at the beginning the supervisor’s expectations, and communicate them to the candidate (written guide, protocol by supervisors as possible institutionalization practice on department/faculty level)
- Listen to the candidate’s expectations and discuss/correct/accept them

- Clarify the difference between a PhD and a regular job
- Consequences of not clarifying mutual expectations
  - to increase the period of the PhD process
  - assuming student tasks
  - loosing motivation of both (candidate as well as supervisor)
- Wish: the university could create and extent to each candidate a general document about the PhD process
- Consequences of not clarifying mutual expectations
  - not to achieve the goals of the thesis
  - to abandon
  - to create personal conflicts

Pending board approval
Supervisory Relations and Supervisory Styles

Supervisory characteristics depend on

- The candidate
  - cultural differences between PhD candidates
  - economic support (scholarships, funding)
- The timing
  - laisse-faire style (5 years)
  - contractual style (3 years)

Institutional strategies

- Foster workshops on supervisors roles
- Exchange experiences
- Improve skills on supervising

- Beyond supervision? – Mentoring, help with teaching …

- Style depending on the candidate and the phase of the thesis

- How to handle different styles within the same group (comparison among candidates)?
- Do the candidates understand the different roles?

- Good supervisor characteristics
  - patient
  - expertise
  - pedagogic skills
  - respect
Interactive Exercise: Supervisory Biography (G1)

Preparation Phase

- Information at the end of the studies
- Selection according to academic and personal skills
- Workshops with initial information (faculty level) open to find degree/master students from other universities
- Collective occasion for oral presentation of proposals
  Assessment of competences – including presentation of motivation and CV to date
- Selection of candidates (how we can influence ... but some aspects are out of our hands)
- How to integrate the doctoral candidates into the group/lab; create an effective working relationship
- Clarify the obligations, expectations (supervisor as well as doctoral candidate jointly)
- Getting to know each other, help to find a good understanding

Research Phase

- Planning, Timing and periodic revision – flexibility
- Clarifying responsibilities between co-directors, between directors and doctoral candidates
- Monitoring results – periodically, depending on field
- Planning and timing of the overall process
- Fix a calendar with precise milestones
  Chapters (written versions), annual assessments, half-way assessment (oral collective presentation)
- Define supervisor – candidate relationship and expectations, define calendar of meetings, deliveries and feedback from supervisor, allow for changes during the process
- Balance between supervision and increasing autonomy of research work
  Partial publications, participation in scientific meetings
- Incorporate more formal ways of supervision: checklists, written protocols ...
Final Phase

- Urgent issues: thesis assessment
  Where to put an end to the research?
  Identify whether the hypothesis has been answered.
  Reflection on the process: what has been achieved? Which changes have been necessary?

- Preparation for oral defence
  Answers and questions, flaws and strengths, incorporate comments and criticism from the jury.

- Writing and correcting the thesis

- Urgent issue: time!!?
  Doctoral candidate is in a hurry to finish.
  Work quality
  Time for correcting
  Time due to expertise of supervisor

- Job perspectives
  Network for doctoral candidates

- Organising “tribunal”, mock viva
  Inform doctoral candidates about the process
  Work plan (checklist/planning)
  Be patient!!

- When and who decides about the end?
  Dependent on: money, objectives and hypothesis
Interactive Exercise: Supervisory Biography (G2)

Preparation Phase

What are the most urgent issues for you in the different phases of the Supervisory Biography?

- To well define expectations and the contents of the agreements (timing, phases of the thesis, meetings ... ).
- To define the project after knowing the candidate’s skills.
- Problem: How to define the topic?
- What to do with different thesis topics?
- How many candidates should a (young) supervisor take?
- Discussion about the type of thesis (traditional or reviewed articles)

When and how can you imagine using the Supervisory Biography in supervising doctoral candidates?

- Supervisory Biography is REALLY important in the preparation phase

Urgent issues in this phase

- Timing, funding, availability of good candidates
- Selection of research topic
  - suitability
  - scientific interest for candidate and supervisor

Research Phase

- Regular meetings + on a need basis (+ pre-meeting between co-supervisors)
- Candidates to write meeting minutes
- Introducing candidate to academic community; accompanying to conferences (+ contacts to future positions)

- Clarify definition of director’s and co-director’s roles
- Clarify definition of objectives and working plan
- Close supervision in order to quickly detect problems

- Clarify responsibilities in the supervisor team
  - who decides the topic?
  - problem of coordination of co-supervisors
• Meetings: protocol, frequency
• Relationship of supervisor and candidate
  - influence now and in the future
  - expectations about results (authorship)
  - confidence for feedback (authority)
• pushing
  - good or bad?
  - level?
• Intermediate results during the process
  - conferences, meetings, working papers
  - institutional support for doctoral stays in other scientific research groups
• Supervisory Biography is REALLY important here.

**Final Phase**

Urgent issues
• Academic vs. professional thesis
• Administrative requirements (time, possibility of labour contract in other universities
• Pressure to finish
• Disagreement with one of the co-supervisors about conclusions, scientific contribution, results are not convenient enough
• Is it appropriate that the supervisor/co-supervisor adapt a more “active” role?
• Important: pre-defence training
• Critical view
• After defence – different possibilities:
  - post-doc in other/in the same university
  - academic
  - non academic, civil servant
• Thesis format (manuscript or paper based)
• Revision protocol (document, presentation)
  - dates, entire manuscript or chapter by chapter
• important if co-supervised
• Match dates between the end of scholarship and the end of the thesis
Challenging Problems in Supervision

- Rapid scientific change
- Relation supervisor – PhD candidate
- Select and attract candidates
- Improve research tools
- Improve his/her works
- Relation with co-directors
- Working together
- Time and problem solving
- Time
- Lot of things we have to do: research, teach, coach ...
- Time
- Lack of basis knowledge
- Difficulties to work independently
- Lack of writing skills
- Lack of autonomy
- No working
- Don’t know how to do it
- Confidence
- Interference
- Expectation, timing
- Continuous dedication
- Relationship with other directors
- How to publish the results
- To get money at the time you get the PhD candidate
- How to finish within 3 years + with input
- Input/output
- No training
- No research culture
- No catedratic
- Insufficient research courses
- Right way?
- Supervisor-candidate relation
- No methods
- No tools
- Timing planning correctly
- Training of how to (co-)supervise
- Time dispersion
Expectations to this Workshop

- Relation
- Motivation
- Tutorship strategies
- Co-direction
- Tools
- Learn to select better
- Learn to be a better supervisor
- Learn
- Tools and learn how to obtain the best of my PhD candidate
- Tools
- Learning how to deal with complicated situations
- Informing about jobs
- Learn to guide a candidate
- Tools
- Experience (also of other colleagues)
- Tools
- Interchange of knowledge
- How to solve problems about some topics
- To know what I’m right, what I’m wrong
- Systematic
- Structure
- Methodology
- Reflection
- Learn (success)
- Methods
- Tools
- How to transfer knowledge
- Tools
- Learn
- Plan
- Formal knowledge
- Experience
What was Specially Important and Helpful?

- Reflection
- Exchange of experience
- Clarify problems in all phases of your supervision
- Sharing experience
- Group activities
- Expectations
- Selection of candidates
- To realize the three PhD processes/ phases
- Systematic
- Intervision
- Common situation
- Expectations
- Warning signals and remedies
- Expectations
- Protocols and tools
- Sharing experience
- Dealing with informal aspects of selection
- Expectations and roles
- Organisation of the supervision process
- The theoretical framework
- Toolkit
- Example toolkit
- PhD process step by step
- Sharing problems and solutions

Ideas for Improving One’s Own or Institutional Practice

- Clarify mutual expectations
- Protocol of selection
- To improve the fellowship assignment
- PhD supervision course for everyone
- Support groups
- Communicate with doctoral candidate
- Protocol of meeting with the doctoral candidate
- Seed
- The own application: make the personal toolkit to improve the supervision
- Make your own tools
- Try to create a personal methodology
Additional Topics for Future Workshops

- Discuss cases
- Focussing more in depth on one of the topics
- Cases + toolkit practice
- Co-supervision strategies
- Solve conflicts
- Present and share toolkits
- Styles
- Supervising several candidates
- How to solve the problems in detail
- Supervisory styles
- Conflict solving
- Case studies
- International groups
- URV involvement
- Improve on success as well as on failure cases
- Group practices
- Large seminars about the topics: selection, roles, problem solving
- Relationship problems
- Team supervision
- Solve conflicts
- Make own/departments toolkits/templates
- Make your own tools for selection or to discover mutual expectations
- Motivation of candidates
WORKSHOP (Abril 2013) & WORKSHOP FOLLOW-UP (Octubre 2013)

Vídeo que es va fer al professor i a una de les participants del workshop de la primera edició (abril 2013) i desprès a l'octubre 2013 (1er workshop follow-up) a ella juntament amb la seva doctorand, dels canvis.

Strategic and Operative Plan for Developing Outstanding Quality in Research Supervision at the University Rovira i Virgili

Frankfurt am Main/Tarragona 2013
Strategic Plan
for Improving Research Supervision

Since the meetings and decisions of the European ministers for education and research 2003 in Berlin 2005 and in London in order to establish a 3rd cycle of higher education in Europe, and since the declaration of the Salzburg Principles on Doctoral Education by the European University Association (EUA) in 2005, enormous efforts and improvements have been made by European universities to develop a newly structured doctorate which evaluated outcome and success not only by publications or completion rates but rather by the doctoral candidate with all his or her skills and capabilities acquired by doing a PhD – especially in the newly established umbrella graduate schools.

This is of course a great success story for many universities providing the new structures and offers as well as for some cohorts of doctoral candidates who luckily gained a lot in awareness and competence, and who now cannot imagine the ‘awful’ times before when all these intelligent support and training measures didn’t exist and doing a PhD often meant an isolated muddling through without efficient, smart and caring support.

As the EUA-CDE ARDE project report has shown quite clearly many universities in continental Europe have made remarkable progress by implementing at least some of these measures and strategies and a smaller but well visible group has implemented impressive comprehensive concepts for newly structured doctoral education. In this respect the big development gap between continental Europe and the leading universities in the United Kingdom and Australia could almost been closed and the shaping of doctoral education in Europe has been turned towards a highly transnational development.

But still there is remaining one important area of doctoral education – in many respects it is the core area – in which the process of closing the gap, of developing comprehensive and outstanding concepts is still reluctant, or, better to say, it is only in the recent two years that we are now on the way of getting momentum towards a real successful and convincing development. To professionalize research supervision and supervisors training is the core prerequisite for assuring excellence in doctoral education and thus enabling outstanding research skills, personal development and career tracks.
To close the gap universities have to understand that there is a high need for a comprehensive strategic approach in improving research supervision which defines an action frame by integrating a bundle of strategic aims and tasks into an overall university strategy for enhancing and continuously developing research supervision.

This strategy has to play an important role in the university’s overall strategic development plan, and it has to be complemented by an operative plan which outline in detail all the measures and tasks which have to be designed with joint effort and high commitment.

In order to reach this overall strategic target it will be necessary to coordinate – to identify, to mobilize and to use – URVs forces and resources on different institutional and individual level in an integrated joint approach of all stakeholders from the rector’s and the faculties level to the supervisors, the doctoral candidates and their representatives.

Thus, to be clear at this point, does of course not mean an old fashioned approach of planning and strategic management. A reflected notion of strategic action is, as for instance Mintzberg has pointed out, well aware that strategies will hardly be successful if understood as realizing the perfect plan. It needs a procedural thinking which is able to deal with uncertainty and emergence. A well reflected notion of strategy should do its best to respect the diversity of the academic subjects and to invite and integrate the whole university community to a joint inspiring effort to reach outstanding quality in research supervision.

Nevertheless – or even that’s just why – a strategic process is in need of a coordinating team which in the case of a bright strategy for improving research supervision may be formed by the URV graduate school, CEICS and the newly built communities of best practice in supervision. The coordinating team should closely cooperate with the rectors level as well as with the faculties and their deans, and it should organize and provide a common space for reflection and discussion – for instance in the form of annual retreats. In addition the rector himself should go into the lead and take the initiative to explain and to advertise in the URV boards the strategic approach for developing and implementing a comprehensive concept of outstanding research supervision.
The overall strategic plan for improving research supervision at URV comprises and coordinates a set of 10 important targets which should be reached within the time frame of two years.

The detailed strategic aims are

- to provide outstanding educated and trained doctoral candidates as well as Supervisors for the needs of a global knowledge society as well as for the wellbeing of the Spanish society and economy, and, related to that, to fully understand that the core prerequisite for a very successful doctorate is defined by the outstanding quality of PhD supervision;

- to act beyond implementing just some single measures for monitoring and evaluating supervision, but rather to understand the urgent need for developing an outermost productive and supportive supervision culture as a joint effort of all supervisors and doctoral candidates, faculties and staff members, to continuously enhance the quality of supervision;

- to develop a comprehensive concept of research supervision which enables to integrate all the activities and measures necessary to reach outstanding performance in research supervision and to gain high synergy effects;

- to bring the URV faculties and graduate schools within 2 years to a highly advanced and competent level of research supervision practices, and thus rather to close up to the performance and standards of the leading research universities;

- to inform and mobilize the university’s actor system in order to gain a high level of high problem awareness and commitment for contributing to the joint development and implementation of improvement measures;

- to gain high national and international reputation for a young innovative university by giving a shining example case of being aware of the crucial importance of high quality in research supervision, and for realizing an ambiguous goal within a relative short time;

- to reach outstanding quality assurance in research supervision in the sense of a joint quality culture in research supervision;
• to develop an integrated strategic approach for the internationalization of PhD education by paying high attention to the intensity and quality of support for supervising international doctoral candidates. Through fostering international degree formats and creating an outermost attractive research environment and meeting place for foreign as well as for the local and national doctoral candidates;

• to demonstrate that all necessary measures and actions will be taken for especially to offer a comprehensive training concept for professionalizing the methods, skills and tools used in research supervision and thus to ensure outstanding performance in the PhD trajectory, high completion rates and a very successful transition to the professional project;

• to assure sustainability and continuity of measures and improvements by the accountability and transparency of management and budgeting procedures.

In order to reach these targets a comprehensive operative plan has been set up which outlines all actions, measures and tasks necessary to realize this target.
Operative Plan
for Designing and Implementing Actions and Measures

The operative plan consists of an integrated comprehensive set of 10 operative areas with all together 73 actions and measures which may be taken. They should be understood as suggestions and stimulation for discussion and further consideration not as a final implementation plan. This of course is only up to the University Rovira i Virgili, its members and governing boards.

1. Guidance and Commitment

Mission and Vision Statement

The successful development of an outstanding quality in research supervision or rather an outermost supportive supervision culture cannot be achieved by some well designed actions and measures alone. It is in need of an overall strategic aim which has to be elaborated in detail in mission and vision statement.

_The URV Doctoral School together with CEICS and the newly established communities of best and innovative practices in research supervision should elaborate a URV Mission and Vision Statement on Research Supervision as one of the first steps to be taken towards the joint development of a supervision culture. An editorial group for this task should be established immediately after the Postgraduate Day in October and a first draft of a URV Mission and Vision Statement on Research Supervision should be finalised by the editorial group until end of 2013._

Strong Commitment from the University’s Heads

It is on the one hand evident without any doubt that outstanding research supervision quality and culture can only be established by a bottom up approach involving all main stakeholders – the doctoral candidates, the supervisors, the academic administrators and managers in the faculties and doctoral schools. But on the other hand we have to be also absolutely clear about the fact that outstanding research supervision cannot be established without a strong commitment and support of the university’s heads, the rector, the chancellor and the faculty deans. They of course have to play an important leading and guiding role in order to convince their people, in order to go ahead with their own shining example and best practice, and they have to advertise the strategic project and endow it with sufficient resources in order to gain impact, critical mass and success soon.

URV Supervision Strategic and Operative Plan

H. Brentel 2013
URV’s rector as well other leading staff should stress the importance of enhancing supervision quality in board meetings and they should publish public statements on the start of a joint supervision improvement project initiative.

**Informing and Mobilising the University’s Actor System**

A project for improving research supervision will in the long run have only very limited or may be even no success if only some isolated individuals or groups are involved. In contrary, everybody should be well informed, the whole university’s actor system should be mobilised in order to sharpen the awareness for the importance of the task as well as for the opportunity of all stakeholders to contribute to suggestions and solutions. The establishment of a demanding supervision culture is carried by a joint effort, by the exchange of experiences of a large number of supervisors and doctoral candidates. Cultural change of supervision practices and tasks means the change of awareness, of mental patterns, routines and ways to act. It can only be successful and sustainable if it reaches down to our basis assumptions, to the shared views how the world of supervision is functioning well, if it provides new ideas and helpful practices in research supervision and enables to establishes some new amazing and convincing successful pattern of thought and action - helpful and successful for supervisors as well as for supervisees.

*An URV project group – may be formed similar to the editorial group – should elaborate an overall concept for informing and mobilising the university’s actor system by involving all key stakeholder groups into a structured improvement process over one to two years.*

**2. Formal Regulations and Responsibilities**

For establishing an effective high quality supervision framework URV should develop a set of binding regulations as well as a set of voluntary guidelines (see below top 3). Binding regulations have the advantage of protecting the doctoral candidates. They ensure that all doctoral candidates are treated in the same fair way and that supervisors have to comply with a defined set of duties, tasks and responsibilities. But there is also a risk with binding regulations to produce a pure compliance culture without real commitment and to spoil the chance to establish a creative self-responsible joint quality culture in research supervision which is the big advantage of non-binding guidelines. Binding regulations on the one hand and voluntary guidelines on the other hand cannot be seen as either or. They have to be carefully balanced in order to create a high quality and supervision culture.

URV should decide on binding regulations and responsibilities for the issues as follows:
• Awareness and knowledge of good scientific practice and research ethics for supervisors as well as for supervisees

• Maximal number of doctoral candidates per supervisor

• Minimum amount of supervision meetings and time

• Core monitoring and reporting tasks of supervisor and supervisee

• The possibility to change the supervisor

• Requirements for supervisory teams

• Procedures for dealing with supervisor-supervisee conflicts

• Systematic feedback collected from doctoral candidates

• Regulations for authorship which protect the doctoral candidates

Binding regulations could be elaborated in different regulatory documents but should be summarized in a code of practice for supervisors as well as in binding and non-binding guidelines for doctoral candidates (see also below top 3).

*Binding regulations concerning research supervision should be elaborated/ improved till the end of the summer term 2014.*

## 3. Monitoring and Reporting

A carefully designed system of progress monitoring and reporting is one of the major success conditions for reaching a very high quality in research supervision. It consists of an integrated set of measures – guidelines, self assessment tools, meeting protocols, progress review forms and midterm evaluation - which together produce the synergy effect of an outstanding progress analysis, awareness and performance. This of course is not in order to put additional burdens and bureaucratic duties on the shoulders of our supervisors and doctoral candidates. In contrary, if well done it saves a lot of urgency effort, avoids confusion and failure. The aim and advantage is to early detect improvement needs and opportunities concerning research capabilities and personal development, and to discuss and negotiate in all phases of the PhD trajectory about the measures and actions which have to be taken.
• **Guidelines for Progress Monitoring and Reporting for Doctoral Candidates**

URV should elaborate short guidelines or rather explanations why it is absolutely important form the progress and success of a doctoral project to make bet use of (self)monitoring and reporting tools and procedures.

See for example the attached explanations for progress reviews of the University of Birmingham Graduate School.

• **Almost Binding Guideline for Supervision Tasks or Code of Practice for Supervisors**

In this (almost) binding guidelines URV should describe the obligations, duties and responsibilities which the URV supervisors should fulfil in supervising doctoral candidates.

See for example the attached “Code of Practice for Supervisors” of the Oxford Learning Institute and the “Rahmen-Leitlinien für die Betreuung von Promovierenden der TU Berlin”/ “the “Framework-Guidelines for Supervising Doctoral Candidates of the Technical University Berlin” as an example for guidelines in the sense of a very strong recommendation which is regarded to be respected and fulfilled by all supervisors and supervisees.

• **Guidelines for Doing a PhD Jointly**

URV should elaborate guideline for doctoral candidates as well as for supervisors concerning the tasks and challenges of the different tasks of the PhD trajectory.

See for example the attached brochure of the German Qualitätszirkel Promotion/Quality Circle PhD “Shaping the Doctorate Together – Guidelines for Supervisors and Doctoral Candidates”.

• **Online Self-Assessment Tool for Doctoral Candidates**

URV should elaborate an online self-assessment tool for doctoral candidates with which they can regularly assess the progress of their doctoral project during the PhD trajectory.

See for example the attached checklist “Guidance for Online Self-Assessment Reporting for Graduate Students” from Oxford Learning Institute.

• **Online Self-Assessment Tool for Supervisors**

URV should elaborate a online self-assessment tool for supervisors with which they can regularly assess their supervision activities and strategies in order to develop ideas for improvement and good practices.

See for example the attached worksheet “Self-Assessment” adapted from research of Janssen (2005) and Lee, Dennis & Campbell (2007).

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Pending board approval
• **Form for Meeting Protocols**

URV should elaborate a Meeting Protocol Form and strongly recommend the use this form for writing a protocol for every mayor supervision meeting of supervisor and supervisee. The doctoral candidate has to write the meeting protocol and to pass it to the supervisor for review and acceptance.

See for example the attached forms “Joint Supervision Committee Meeting Protocol” from the Goethe Graduate Academy (GRADE) and “Meeting Summary” from the Oxford Learning Institute.

• **Annual Progress Review Form**

Doctoral Candidates and their supervisors should fill in Annual Progress Review Forms towards the end of the first, second and third year of the PhD trajectory. The annual progress review should be sent to the URV umbrella graduate school or the faculty graduate schools and evaluated there by a person of the leading scientific management staff. The main evaluation aims are to check whether the progression aims and tasks announced and promised in the previous programme review has been realized, and whether there are serious problems or failures to state which question the successful completion of the thesis. Given this case the evaluating person is responsible for informing the main supervisor and the supervisee as well as for taking actions in order to improve communication, awareness and to find adequate remedies.

See for example the attached “Postgraduate Researcher Progress Review Form” from the University Graduate School of Birmingham.

• **Midterm Evaluation of the PhD Project**

After one and a half year, at the end of the third semester, the doctoral candidate should have to explain in an oral presentation in front of an evaluation committee the progress he/she has made including a discussion about the results and the future tasks for the following semesters. If the candidate’s progress as well as his/her presentation and discussion contributions are judged as not being satisfying the evaluation committee can decide to impose conditions to immediate improvement tasks.

*The guidelines and forms suggested above should/could be elaborated by a joint editorial working group which may consist of the directors and managers of the URV Graduate School and CEICS, representatives of the supervisors (best some of those who participated in the supervisors training) and of delegates of the doctoral candidates. The editorial working group should present their suggestions until the end of April 2014. The URV should decide about the final version and the implementation until end of July 2014.*
4. Training

Training for supervisors is the fundamental measure and prerequisite without that a high level enhancement of the quality of supervision cannot be achieved. The overall task is to professionalize PhD supervision by providing initial comprehensive supervisors training to young supervisors but at the same time also to offer special tailored training and information according to the needs of experienced supervisors as well as to provide professional knowledge about supervisory processes and challenges to doctoral candidates. The operative plan suggests to implement a comprehensive concept of research supervision training to all stakeholders including a training programme which will enables URV to train future trainers of supervisors and thus to develop its own resources and capabilities for perspective supervisors training.

Supervisors Training for Younger Supervisors

- Initial 2-Days Supervisors Training for Young Supervisors

This workshop is aiming on younger supervisors who have started to supervise doctoral candidates. So junior professors or associate professors new in their first employment are the main target group but may be also some post docs eager to become scholars and supervisors soon could participate. The workshop's objective is to bring the participants within two days on an advanced level of experiences and practices within the international development of professional research supervision and to prepare them optimally by interactive exercises and the use of specialised tools for the challenges and opportunities of their supervisory tasks. The aim is to enable young supervisors to establish a highly productive and satisfying supervisory relationship and thus to improve the overall quality of doctoral education.

Two of these workshops should be offered regularly each semester. The important aim is to build a critical mass of young supervisors who are well trained to be aware of a professional view on the problems as well as of successful remedies for difficulties and conflicts in research supervision cases. After four very productive workshops in 2013 another season of four workshops on a volunteer basis should follow in 2014.

In the longer run – that means starting from 2015 – supervisors training for younger supervisors should become obligatory. During the year 2014 the URV heads, faculties and initiatives should discuss whether and if so in which format and with which contents (modules) an obligatory initial supervisory training should take place in the future. Having participated in an initial supervisory training could or should be connected to the formal allowance to supervise a doctoral thesis as a co-supervisor or as a main supervisor. Regulations like those used in the Scandinavian countries (e.g. Karolinska
Institute) or in the United Kingdom and Australia could be taken into consideration for elaborating a suitable solution for URV.

- 1-Day Follow-Up Workshops for Young Supervisors

After six months the initial 2-days supervisors training should be completed by a 1-day follow-up workshop which provides the opportunity to the participants to review and discuss the experiences made on the basis of the lessons learnt, to be trained in some additional elements and to strengthen their practice and ability to discuss their supervision cases in a peer group supervision format.

At least one of these workshops should be offered per semester.

Workshops for Experienced Supervisors

The operative aim is to develop a very attractive and suitable workshop programme 2014 for experienced supervisors – outermost attractive in respect of time, content and socialising opportunities. Participation should be volunteer - but may be happen also with the help of some attractive incentives like personal coaching hours or special workshops for principal investigator on how to successfully apply for big (international) research cluster projects.

- ½-Day Information Workshop on the Main Topics and International Developments of Research Supervision
  One workshop should be offered per semester.

- 1-Day In-depths Workshops (6 hours) on a Specific Topic or Module for Experienced Supervisors or Participants of the Initial Workshop
  Examples for topics which could be offered are:
  Expectations, Roles and Supervisory Relationship
  Selecting and Scouting Best Candidates
  If the PhD Project is Going to Fail – Detecting and Solving Problems
  Working with Tools in Research Supervision – Gathering and Designing Your Personal Toolkit
  Two of these workshops should be offered regularly each semester.

- 2-Hours Lunch Time Meetings on a Specific Topic

The aims of these meetings are on the one hand to offer a socializing space for informal talks and discussions on supervision problem and experiences, and, on the other hand,
to structure and moderate the meeting by presenting a initial topic related input of 15 minutes before opening the discussion groups.

*Lunch Time Meetings should be organised every fortnight.*

- **Peer Group Supervision/ Intervision for Experiences Supervisors**

  Intervision or Peer Group Supervision is a systematic counselling interview approach in which colleagues discuss key supervision issues with one another. The conversation is structured mostly into six phases and should result in solutions which are helpful for the person who presents his or her problem.

  *URV should offer Peer Group Mentoring regularly at least every semester, and, in addition, URV should initiate and support activities to built up self-organised Intervision Groups of supervisors.*

- **URV Supervision Weekend**

  URV could/should provide the format of a long supervision weekend with supervision talks, workshops and case discussions for experienced as well as for younger supervisors in a very pleasant recreation environment (university guest house or finca near Tarragona or on Mallorca). This is a setting where it may be very interesting and useful also to invite or rather to open the meeting for supervisors active in supervision practice exchange groups in other countries.

  *The supervision weekend could/should be provided once a year.*

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**Training for Trainers of Supervisors**

Within a period of 1 to 2 years URV should be enabled to build its own capacity of trainers for supervisors training in Spanish as well as in English language. This capacity building should not been understood as a contradiction to the strategy to use external expertise for supervisors training as well as for transferable skills training. To bring in external and international experience is an absolute prerequisite in order to reach an outstanding level of awareness and quality in research supervision. And it is in most cases a well proven strategy to avoid internal struggles and to overcome defensive routines. External trainers and advisors offer the great advantage to be not involved into the local micro political games and thus to be able to act as neutral analysts and supporters. In this respect this role is absolutely crucial for initial actions and implementations as well as for further new additional input. On the other hand it is absolutely crucial for a very important university region in Europe to educate and train its own new generation of trainers of supervisors in a systematic way. A comprehensive concept of
training for trainers of supervisors should help to build that capacity within a time frame of approximately one year.

The training programme consists of six components:

- **Initial 2-Days Workshop for Future Trainers of Supervisors Providing a Comprehensive Introduction into Concepts, Methods, Modules, Tools, Literature, Tasks and Challenges of Supervisors Training**

- **Assisting and Writing Educational Protocols in 4 Supervisors Training Workshops, in 2 Follow-Up Workshops and in 1 Workshop for Experiences Supervisors**

- **2 Hours Feedback Meeting Immediately After Assisting in a Workshop**

- **Between the Workshop Days Homework on Literature and on Exercises to Design Workshop Programmes or to Adapt Them to the Actual Needs of the Participants**

- **Final 1/2-Day Feedback and Summarizing Meeting after Assisting in the Last Workshop**

  During 2014 – starting in March/April – URV should offer a train the trainer programme for one or two future trainers of supervisors. The participants could be one or two of the more experienced younger supervisors of the initial training workshops in 2013. They should be enabled to take over step by step training duties beginning with 2015.

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**Research Supervision Related Workshops for Doctoral Candidates**

In order to gain outstanding quality in research supervision it is crucial that supervisor and doctoral candidate are willing and able to be on a at least somehow equivalent and comparable high level of awareness and skills concerning the tasks and challenges of supervision. Thus it is highly recommended to offer supervision related workshops also for doctoral candidates.

- **First Studying than Doing a PhD**

  2-days introductory workshop for master and post graduate students on preparing a well informed decision about doing a PhD. Comprehensive information about all aspects of selection, admission, research proposal writing, supervision relationship, the phases and challenges of the PhD trajectory, financing and funding, social security and the trajectory to the professional project after the PhD.

  *URV should offer this workshop regularly at the beginning of every semester.*
- **Developing a Productive and Supportive Supervisory Relationship**

  The aim of this 1-day workshop for doctoral candidates who have just started their PhD project is to fully understand all aspects of the supervisory relationship and to get the best out of the meetings with the supervisors in respect of all phases and all problems which may – systematically – occur during the PhD project.

  *URV should offer this workshop regularly at the beginning of every semester.*

- **Professional Moderated Peer Coaching Groups for Doctoral Candidates**

  After an introductory one day workshop during which doctoral candidates will become familiar with the supervision method, participants will have the opportunity of committing themselves to participate in the further monthly meetings. Under the direction of a professional supervisor and counselor the group provides a protected space in which the participants’ individual questions and other current issues can be dealt with. The aim is to develop concrete solutions and the professional handling of the task of writing a dissertation. Participants will be encouraged to successfully realize their projects while at the same time paying attention to their personal needs.

  *The opportunity to join a Moderated Peer Coaching Group for Doctoral Candidates should be offered at least once a year.*

**Certificates**

URV should provide meaningful and detailed certificates for all the supervision related workshops suggested above. Certificates should not only testify the contents presented during the workshops but also in detail all the skills gathered by working together in the interactive subgroups and by elaborating solutions and tools for supervision Tasks and problems. A professional and beautiful designed certificate max be supportive too for underlining the high quality of workshops and participants for future job applications of junior professors and post docs.

A pattern certificate was already designed and used for the supervisors training workshops in April 2013.
5. Internationalization

The internationalization of higher education comes along with new and demanding tasks and challenges for the third cycle. Outstanding research supervision has to be defined and re-conceptualized with respect to the new international structures and constellations in which supervisors and doctoral candidates have to develop a transparent, productive and successful relationship. The URV Graduate School and CEICS should design a well designed integrated set of measures which optimally reflect and support research supervision in the quickly growing world of internationalized PhDs.

Efforts for Strengthening and Supporting the International PhD Degrees and Formats

URV should develop measures and services to especially support supervision tasks and efforts connected with the international PhD degrees and formats such as Cotutelle de These/Double PhD Degree, Joint Degree, Sandwich PhD and Erasmus for Doctoral Candidates.

- Travel means for Supervisors and Doctoral Candidates doing a Double PhD Degree
- Associate membership in the doctoral school with free access to all services/workshops
- High recognition and special rewards for the additional efforts of scholars supervising the international degrees and formats (see also top 8).
- Improving the visibility (especially on the website) of URS's expertise and offer of doing an international PhD degree in/with Tarragona

The measures suggested above should be implemented until the end of the winter term 2013/2014 latest.

Reflecting and Solving Supervision Problem with Foreign Doctoral Candidates

URV should develop specific targeted measures to raise the awareness as well as the problem solving skills for supervising international doctoral candidates.

- Supervisors Training on How To Select and supervise International Doctoral Candidates

URV should offer at least once a year a 1-day supervisors training workshop on the topic how to select and how to supervise international doctoral candidates, to raise the intercultural awareness as well as the awareness for the different academic cultures the
international doctoral candidates are coming from, to understand and to clarify the research abilities of the international doctoral candidates, to really develop the skills and tools to clarify the mutual expectations between supervisors and supervisees, and to identify and solve open or hidden conflicts concerning the research project and the supervisory relationship.

*A first workshop on this topic should be offered during the summer term 2014.*

**Developing Specific Supervision and Support Measures for Foreign Doctoral Candidates**

International doctoral candidates coming from other academic, ethnic and national cultures are always in danger not to sufficiently understand the local academic culture as well as the real expectations of their supervisors and colleagues. Thus special and additional support is needed to understand the supervision tasks and challenges, to develop a real productive supervisory relationship and to successfully help them with the daily tasks of the PhD trajectory.

- **Research Supervision Workshops for New International Doctoral Candidates**

  URV should offer each semester an initial workshop for new international doctoral candidates in order to get them informed about the university’s supervision regulations and code of practice – but especially in order to make them fully aware about difficulties and failures which may result from a not sufficiently reflected and unskilled supervisory relationship with international doctoral candidates. The workshop should monitor the major traps and threats, and demonstrate in interactive exercises and role plays how to detect and to avoid these fallacies.

- **Supervision Tutors**

  at the graduate school office should be available to assist international doctoral candidates in all questions and problems of the PhD trajectory.

- **Supervision Tandems**

  built by a Spanish and a foreign doctoral candidate are a very efficient measure to support international doctoral candidates with a peer mentoring function.

- **Support for Text Revision and Translation**

  should be provided by the tutorial staff of the graduate school.

All training and support measures for international doctoral candidates should be offered as soon as possible by the umbrella graduate school.

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International House of Doctoral Studies

- UVR should create an outermost international meeting space for international doctoral candidates and post docs as well as for their own postgraduate researchers in Tarragona. To be within the leading innovative group of international universities on this globe means nowadays not only to participate in outstanding international research projects and in strategic internationalization projects. It should put at the same time very high importance on developing a concept to bring the world’s most promising and creative postgraduate researchers to Tarragona by offering an outermost attractive research environment and meeting hub. It should be also the home of URV’s doctoral school and the place were all measures for improving research supervision (trainings for supervisors as well as for doctoral candidates, meetings of supervisor’s best practice and case discussion groups) could be organised and offered. Tarragona possesses all prerequisites to create such a place for Europe and the whole globe.

In cooperation with the city of Tarragona and the government of Catalonia an International House of Doctoral Studies should be planned and decided until end of 2014, and realized in 2015/2016 latest. It should be a great place in a wonderful urban and/or natural environment. This project should be of very high priority for the university and the city.

International Development in Research Supervision

- Observing the International Development in Research Supervision

The monitoring of the international development in research supervision is a mayor strategic task and a precondition for gaining outstanding performance and expertise. This should be done with special focus on the state of the art and the developments in the Scandinavian counties, in the United Kingdom and in Australia.

The constant monitoring of the international development of research supervision by literature review and conference stays should be the regular task of the graduate school management including a short annual report with suggestions for improvement. This task should be defined for and implemented into the graduate schools permanent agenda immediately – latest with beginning of 2014.
International Projects in Improving Research Supervision

- Collaborating in International Projects for Improving Research Supervision

Participating in international projects for improving research supervision and internationalization – for instance in the EUA-CDE ARDE-Project or in the actual FRINDOC project – defines another general strategic task for the umbrella graduate school in order to gain national and international leadership and outstanding expertise in research supervision.

*This task should also immediately be implemented into the graduate schools permanent agenda – latest with beginning of 2014.*

International Partnerships for Joint Development of Research Supervision

URV should play a proactive role in creating international networks and partnerships for the joint development of research supervision. Especially two actions should be taken into consideration:

- **Meetings, Exchange of Experience and best Practices with Supervisors and Graduate School Managers from Foreign Universities on an Individual Basis**

  The URV Graduate School and CEICS management should get and keep contact to international professionals and practitioners in the field of research supervision and invite them to talks and presentations in Tarragona.

- **Creating a New and/or Participating in an Existing International University/Graduate School Networks for the Improvement of Research Supervision**

  In addition to action one URV should create a network or participate in existing networks for the improvement of research supervision. This is especially important for a European network where people can meet each other more or less easily within a two or three flight hours distance. The network should consist of key players (graduate schools and individuals) in the field of best practice and evaluation of research supervision. There should be regular meetings once or twice a year. The network should understand itself not only as an important meeting place but apart from that also as a space, a creation lab where ideas, concepts and “products” are
jointly elaborated. The German Quality Cycle PhD as a regional network of 10 universities in the south-west of Germany may serve as an example giving concept.

First actions – identifying highly interested and competent partners and preparing first meetings - should be organised till summer, latest for autumn 2014.

6. Advice

The aim of outstanding supervision quality cannot be reached without providing sufficient resources and services for advice and counselling in supervision issues and development measures. Advice should be given in a systematic way to the doctoral in preparation for doing a PhD as well as in addition to the guidance and support of their supervisors. It is absolutely crucial for a high quality culture in supervision that doctoral candidates have easily and at any time access to experts who are skilled to give them profound administrative advice as well as in all general questions concerning the supervisory relationship and performance. But also the supervisors themselves are sometimes in need for clarification and support in supervision related issues.

Four institutional bodies can be distinguished to regularly fulfil these tasks:

- **Graduate School’s Office and Staff**
  The graduate school’s leading director as well as its managing director should offer advice to supervisors as well as to the faculties. There should be at least one graduate school staff member who has the task to advice on a daily bases doctoral candidates or applicants during office hours or by answering their phone or email requests. This especially is a very important task concerning international doctoral candidates.

- **Office of the Committee or the Administration Responsible for Admitting and Selecting Doctoral Candidates**

  A skilled staff member able to give advice in supervision issues should also be available in the office of the doctoral committee and/or in the administration for admitting and selecting doctoral candidates. At least this staff member should be responsible for delegating more difficult questions to the experts in the URV Doctoral School.
• CEICS Office
CEICS as a special big highlight in the URV competence and development structure could offer additional advice concerning supervision within the Excellence Campus areas.

• International Advisory Board
The International Advisory Board of the graduate school should consist of - at least some of its - members who are personally very experienced supervisors and who are internationally very experiences in monitoring and comparing the developments and challenges of research supervision.

*URV should develop a comprehensive concept for systematic advice in supervision issues which is at its best visible on the Graduate School’s web pages, which is advertised and well known for its helpful services, and which is endowed with sufficient resources in order to fulfil its tasks.*

7. Information

In order to create a high quality supervision culture it is absolutely crucial to provide comprehensive, transparent and easily accessible information for all stakeholders – master students interested in doing a PhD, supervisors, doctoral candidates, academic staff in the graduate schools, in the personal development units as well as in the university’s training department, but also for external stakeholders like enterprises or NGOs interested in employing highly educated and skilled junior researchers.

The measures which should be taken comprise:

• **Starter Kit**
  for the newly admitted doctoral candidates at the departments and at the graduate school with all materials necessary to provide comprehensive information on all aspects of supervision – regulations, guidelines, self-evaluation tools, commitment to good scientific practice, forms for monitoring and reporting, explanation about purpose and use of the forms, vision and mission of outstanding supervision, explanation of the doctoral candidates as well as the supervisors tasks and duties.

• **Introductory Seminar/Workshop for Master Students**

• **Introductory Seminar/Workshop into Research Supervision for New Admitted Doctoral Candidates**

• **Online News Letter**

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of the Graduate School with a continuous reporting about supervision issues and developments – including especially reports of the communities of good and innovative practice in supervision

- **Contributions to the University’s Newspaper**
  about good supervision practices and results

- **Contributions to the Public Media**
  about outstanding supervision strategies and success stories especially explaining the big advantages resulting for society from the advanced skills acquired by doing a PhD in the newly structured doctoral schools

- **Outstanding Quality of the Websites on Research Supervision**

- **Availability of the Most Important Literature on Research Supervision**
  Books on research supervision as well as leading journal on higher education should be available in the university library – but also in the form of a smaller reference library in the Graduate Schools office

_URV or rather the URV Graduate School should elaborate a plan on how to systematically collect, develop and disseminate information about the concepts and developments of a high quality supervision culture, and implement all major elements of this plan until end of 2014. It should be helpful to appoint a person who especially is responsible of managing the information strategy for enhancing supervision culture._

### 8. Awards and Rewards

In university systems where researchers and supervisors are mainly focussed on performance and success criteria such as the number of publications per annum in reviewed journals, the number of citations and the number and amount of research funds acquired supervision efforts are often not among the first priorities. Incentives to promote and reward outstanding supervision skills and practices should be very helpful to strengthen the recognition of supervision efforts and to give prestige to all activities of creating a high quality supervision culture within the institution.

URV should implement the following two measures:

- **Supervisors of the Year Award**
  URV should awards prices for the best 3 supervisors. The award could comprise, besides the prestigious title, a price-money which has to be reinvested by each price winner in additional supervision support activities for his/her doctoral candidates.
The price awarding committee should consist of doctoral candidates and post docs
(who may be responsible for the nomination of a first lager group of supervisors),
the heads of the doctoral school and a member of the universities top management.

*See for example the attached criteria lists for deciding on awards for outstanding
supervision from the University of Washington and the University of Sydney.*

*URV should very soon create an inspiring university wide social process for defining
the criteria and committee members for choosing the winners for the URV
Supervisors of the Year 2014. Awards should be given to the winners in a fresh
ceremony organised by the doctoral school during the Doctoral Research Day in
autumn 2014.*

- **Reduction of Teaching Load**
  URV should offer rewards in the form of some teaching load reduction for
  supervisors who supervise more than 3 doctoral candidates (as a main supervisor)
  and who are offering extensive supervision advice and support measures according
  to defined criteria.

  *URV should elaborate suggestions for some teaching load reduction till the end of
  the winter term 2013/2014 and offer this incentive/reward beginning from the
  summer semester 2014.*

## 9. Quality Assurance and Quality Culture

### External Quality Assurance

External evaluation measures are used to provide a neutral and professional view on the quality
of research supervision and doctoral education. But in fact this promise is sometimes not
fulfilled due to the existence of many different, often uncoordinated and really well prepared
evaluations. External evaluations may suffer from limited time and money resources, and they
often lack from a differentiated knowledge of micro-political influences and organisation
cultures. Thus a good practice to reduce the limitations of external evaluations is that
universities and evaluations bodies cooperate intensively in developing the criteria and
processes prior to the final start of the evaluation project. The involvement of the academic
community enhances the credibility of measures and results considerably.

- **National Accreditation Institutions**
  National accreditation institutions developed in all European countries as a
  consequence of the implementation of the first and second cycle of the Bologna

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Process. Even if the accreditation of doctoral schools is not an obligatory prerequisite in many European countries these organisations offer their services in most cases also for a volunteer accreditation in the sense of an external quality evaluation of the doctoral programmes and schools. These volunteer or obligatory accreditation checks may be a helpful measure in order to evaluate the quality of the university’s doctoral programmes in comparison to the national standards expected from governments and leading higher education institutions. But we should be fully aware that accreditation systems alone cannot guarantee an outstanding level of quality awareness and quality management in doctoral education. This can only be realized by the development of a local, national and European quality culture, e.g. through the development and enthusiasm of all supervisors, junior researchers and doctoral school managers. Enhancing quality assurance in doctoral education is meanwhile very well understood as a transnational effort of the exchange of best practices and the joint development of a real supportive supervision culture.

- Institutes for Research on Higher Education

Evaluations carried out by institutes for research on higher education have the advantage to be based on a professional and standardised scientific management of surveys. This on the other hand may cause the disadvantage that the certain business model of providing research for higher education institutions tends to reduce the scientific curiosity to the use of more or less well established key performance indicators. Such surveys are not able to really combine evaluating and monitoring with improvement processes, and to be innovative in developing new important performance criteria.

- Peer Review Evaluation

Peer review evaluations carried out by supervisors and graduate school managers from other universities – from an international setting to a mutual evaluation project of two regional universities – have the advantage to rise and use the tacit knowledge of the academic practitioners, and they can easily combine an intrinsic interest for joint improvement and collegial advice with the monitoring and evaluation tasks.

There are of course many very good reasons to use external knowledge and expertise for evaluating the performance and the future development need of supervision quality. But URV should be well advised not to limit evaluation needs and tasks to overregulated and simply standardised evaluation systems but to use evaluation processes and the external expertise intensively in order to create additional innovative performance criteria and to produce a much more detailed picture for a continuous improvement process of supervision activities and tasks.

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External quality assurance should not be based on a single measure or project but carried out as a well balanced process bringing together external evaluation and peer review expertise with an intensive and trust building involvement of the university’s stakeholder community.

**Internal Quality Assurance**

Internal quality assurance should be closely connected to the vision and mission of jointly creating and elaborating an effective and shared quality culture. Because evaluating and monitoring alone is not sufficient for a constant improvement in supervision quality it is crucial to ensure that the information gathered is used for improvement processes. Gathering information by evaluating and monitoring are the first steps in a chain of activities leading over an in-depths analysis of the findings to improvement measures and the decisions who is responsible for taking actions to the definition of the final responsibilities to check whether this actions have been carried out according to plan, contents and time. Internal quality assurance should be able to make use of a smart and comprehensive mix of several instruments and practices such as

- **Internally Developed Database**
  which enables to gather all relevant performance data of the doctoral candidates including the workshops done, the defined skills gathered there, conference presentations, networking activities and all special success stories.

- **Joint Development of Innovative Key Performance Indicators**
  for the admission and selection process, for new interdisciplinary research skills, networking and social skills, for ...

- **Regular Evaluation of Researchers Development Workshops**

- **Exit Questionnaire of Doctoral Candidates**
  see for example the attached “Exit Questionnaire for Doctoral Candidates to Give Feedback to Their Supervisors” from the Biotechnical and Biological Science Research Council in the UK.

- **Regular Internal Surveys**
  according to common used performance indicators as well as to innovative indicators which can be created with a comprehensive database of the PhD trajectories – especially making the development of complex new and exciting performance and competence profiles of doctoral candidates in the newly structures doctoral schools visible.

- **Tracking of Postgraduate Researchers**

H. Brentel 2013
after defence for a period of at least ten years - e.g. by using data from systematic alumni activities and “Linked In” internet research.

- Development of a Comprehensive Evaluation Toolkit
  in which systematically the best European and international evaluation tools as well as URV’s own tool developments are gathered.

- Transparency as Overall Aim and Key to Outstanding Quality and Supervision Culture

 URV should provide sufficient management and research resources within the umbrella graduate school to develop regular outstanding internal quality assurance and to document in an Annual Supervision Quality Assurance Report the high quality and constant advancement of supervision quality at URV. All major stakeholders at URV – including especially the representatives of the doctoral candidates and the new communities of best practise in supervision – should contribute to this report by adding articles and by working jointly together in an editors committee established and led by the doctoral school.

International Quality Assurance Activities and Institutions

During the past years great effort has been made by European quality assurance institution and their activities to systematically enhance the quality of doctoral education and supervision. The emergence of the newly structured doctoral schools and the outstanding research environment provided by them had had a great influence on the development of a quality culture. Both big, very influential and absolutely commendable European institutions in this field, the European University Association (EUA) with the two units and working fields Council for Doctoral Education (EUA-CDE) and the European Quality Assurance Forum as well as the UK Vitae organization for researchers development, have enabled through the engagement of their staff and member in numerous conferences, workshops and surveys the constant grow of the awareness and skills needed to develop a quality culture for doctoral education and supervision.

 URV should constantly participate in the conferences, workshops and projects (like the ARDE, CONDOC or FRINDOC projects) in order to be part of the international driving forces for the ongoing development of quality improvement concepts, measures and tools.
## Operative Plan - Overview on Actions and Measures

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Pending board approval
10. Management and Organisation

Doctoral School

Research Environment

Decision Taking Boards

Representatives of Doctoral Candidates

Sustainability of actions, measures and services
Action Plan

A4.- Specific training on how to get external funding for RDI.
**Action Plan URV**

**Action: A4. Specific training on how to get external funding for RDI**

**Description:**

In order to get the information on, specially, H2020 the URV has designed a full programme of presentations, infodays and events to inform researchers of the opportunities to fund their research.

**Responsible for the action (Who):**

- URV-RDI - Dr. Ignasi Salvadó. Head of R&D
- URV- OTRC - Mr. Daniel Ferrer. Gestió de projectes R+D+I

**Other agents involved:**

Members of the University Council (CdD), Members of the Research and Transfer Commission (CiT), Researchers, Administrative Staff, students

**To whom the action is addressed:**

Senior researchers.

**How:**

Courses, infodays and presentations

Other agents involved as external speakers: Luisa Cabeza, Universitat de Lleida (UdL); Lorenzo Vallés, European Comission (EC); Cristina Gómez, Ministerio Nacional de Economía y competitividad- Fundación Española para la Ciencia y la Tecnología (MINECO-FECYT); Pablo Fernández, Universitat Politècnica de Catalunya (UPC); Carolina Rodríguez, Agencia de Innovación y Desarrollo de Andalucía. Yellow Research and Hyperion

**Deliverables:**

1. **Executive Summary:** Annual reports 2013, 2014, 2015 with the agendas and list of attendees.
2. **Presentation: Introduction to H2020**
   a. CREIP
   b. EMaS
   c. DEEEEA
   d. Centre de Documentació Europea
   e. DEM
   f. DEQ
   g. DBIB
   h. Facultat de Lletres
3. **Infodays with national experts or EC officers and ‘peer review’**
   a. Energy in H2020 SC3 – Pillar III
   b. NMBP – Pillar II
   c. Marie Skłodowska Curie Actions – Pillar I
   d. Future Emerging Technologies – Pillar I
   e. Societies in H2020 SC6 – Pillar III
4. **Specific Courses**
   a. European Research Council – Yellow Research
   b. How to Write a Competitive Proposal in H2020 - Hyperion

Pending board approval
Deliverables
Oficina Tarragona Regió Del Coneixement

Region Background
The area of Tarragona presents a production system with strong capacity for innovation, consisting of mature and emerging sectors, a strategic geographical position and a high capacity to generate and attract talent, in this context that, the regions of the province of Tarragona, need a system research and innovation and powerful high-level tool for the modernization and transformation of its productive system, to enable the full participation of Tarragona in the knowledge economy, in Catalan, Spanish and European level. Only the territories that have a research system and powerful innovation will be on the "global map" of flows of knowledge and talent, fundamental elements of the present and future competitiveness of countries and territories, which may as nodes in a network of 'regions of knowledge' must become principal.

Economic growth necessarily involves an increase in productivity and competitiveness, by way of innovation, economic operators, whether public or private. That is why policies promoting growth, based on knowledge and innovation, have become a priority in all economies that have shown more resilience in these times of change.

Business Description:
The Tarragona Knowledge Region Office supports the company through personalized advice on finding funding for R + D + I at regional, national and European level.

It specializes in the detection and systematic treatment of all sources of public funding for activities both in public and in private, research, development and innovation.
Thus the first service is the publication and servicing the general public through the web, with the results obtained in the search phase.

From a service request or proactively detecting an opportunity for some economic agent area, the Office also liaises with the public service provider of aid for R & D + I.
If, on the other hand, the economic agent decides to submit an application to the call that has been detected as funding opportunity, the Office acts to support the applicant and facilitating the design, drafting and implementation of R + D + I

Ultimately, if finally has secured funding and implemented the R + D + I, we advise on the deduction for tax incentives in R + D + I, and remind them that this is always the last aid from public administrations and is always available to innovative companies that invest in knowledge.

Office/Unit Background: The Rovira i Virgili University and the Provincial Council of Tarragona, which share the area of the regions of Camp de Tarragona and the Ebro in its action, in 2008 established a strategic alliance for the development of the territory, that is, the Office Tarragona project Knowledge region, which works to stimulate and engage businesses and institutions in research and innovation.
The Rovira i Virgili University scientist acts as catalyst, assuming the role of generation and transfer of knowledge, for its part, the Council of Tarragona acts as institutional and economic catalyst.

Services:
- Advice in seeking public funding for R + D + i, whatever the origin of the funds (European, state and / or regional).
- Act as a dynamic link of the relationships between elements of the system, science-tecnology-company

Accions:
The most common actions are:
- Alert Calls published at Catalan, Spanish and European level.
- Generation of technical specifications of the texts of the Calls.
- Generation, if any, economic simulators calls.
- Dissemination by website
• Dissemination of calls by other entities, such as the network of Technological Parks of the area.
• Direct dissemination to companies and institutions in the territory.
• Visits to companies and institutions analyzing their innovation plans in relation to the Calls.
• Information about tax incentives for research and innovation
• Proposals of grant application to the calls, when requested.
• Orientation and conceptualization of projects and reports application.
• Advice on how to apply the required mechanisms for each program.
• Service liaison and consultation with the organizing entities (ACTION, SOC, Departments GenCat, CDTI, Ministries, EU DGs ...)
• Advice on project management.
• Advice on the technical justification of projects.
• Advice on economic justification.

COURSES / WORKSHOPS SPECIALIZED IN THE PREPARATION OF PROPOSALS AND MANAGEMENT PROJECTS - 2013

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<td>Getting ready for Horizon 2020 EU Funding for University Research and Opportunities for SMEs</td>
<td>21/10/2013</td>
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<td>Funding opportunities on Energy - Horizon 2020</td>
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COURSES / WORKSHOPS SPECIALIZED IN THE PREPARATION OF PROPOSALS AND MANAGEMENT PROJECTS - 2014

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<td>7</td>
<td>JORNADA PROGRAMA FUTURE EMERGING TECHNOLOGIES - FET (H2020)</td>
<td>22/07/2014</td>
<td>61</td>
</tr>
<tr>
<td>8</td>
<td>CURS: ‘HOW TO WRITE A COMPETITIVE PROPOSAL FOR H2020</td>
<td>26/11/2014</td>
<td>51</td>
</tr>
<tr>
<td>9</td>
<td>INFODAY: SOCIETAL CHALLENGE 6 – EUROPE IN A CHANGING WORLD – INCLUSIVE, INNOVATIVE AND REFLECTIVE SOCIETIES</td>
<td>17/12/2014</td>
<td>72</td>
</tr>
</tbody>
</table>

151/344 Pending board approval
# COURSES / WORKSHOPS SPECIALIZED IN THE PREPARATION OF PROPOSALS AND MANAGEMENT PROJECTS – 2015

<table>
<thead>
<tr>
<th>#</th>
<th>NAME OF THE EVENT</th>
<th>DATE</th>
<th>ATTENDANTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>ERC GRANTS: STARTING, CONSOLIDATOR AND ADVANCED, WORKSHOP ON WRITING SUCCESSFUL PROPOSALS, TGN</td>
<td>04/02/2015</td>
<td>33</td>
</tr>
<tr>
<td>2</td>
<td>JORNADA INFORMATIVA ASPECTES LEGALS I FINANCERS H2020, TARRAGONA</td>
<td>15/04/2015</td>
<td>44</td>
</tr>
<tr>
<td>3</td>
<td>MARIE SKLODOWSKA-CURIE ACTIONS (MSCA) H2020, PILLAR I, EXCELLENT SCIENCE, TARRAGONA</td>
<td>04/05/2015</td>
<td>51</td>
</tr>
<tr>
<td>4</td>
<td>CERCA DE FINANÇAMENT PER A LA R+D+I EMPRESARIAL, TORTOSA</td>
<td>15/05/2015</td>
<td>11</td>
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<tr>
<td>5</td>
<td>HORIZONTE 2020: GÉNERO, IPR, PROJECT MANAGEMENT Y ASPECTOS LEGALES, REUS</td>
<td>19/05/2015</td>
<td>55</td>
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<tr>
<td>(*)</td>
<td>CURS DE FINANÇAMENT INTERNACIONAL R+D+I, CFP REUS</td>
<td>21/05/2015</td>
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<td>6</td>
<td>MARIE SKLODOWSKA CURIE ACTIONS (MSCA) H2020, PILLAR I, ESCELLENT SCIENCE, TORTOSA</td>
<td>22/06/2015</td>
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<tr>
<td>(*)</td>
<td>PRESENTACIÓ DE L’OFICINA A LES ENENES DEL CONEIXEMENT, AJUNTAMENT DE SALOU</td>
<td>16/07/2015</td>
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<td>7</td>
<td>BUS CONNECTEU, BARCELONA</td>
<td>27/10/2015</td>
<td>22</td>
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<tr>
<td>8</td>
<td>H2020 MILLORA L’EXIT DE LES TEVES PROPOSTES: SEMININARI D’EXPERTS AVALUADORS DE L’HORIZÓ 2020, TARRAGONA</td>
<td>06/11/2015</td>
<td>40</td>
</tr>
</tbody>
</table>
Breu introducció al H2020

Consell de Direcció – 08/10/2013
Ignasi Salvadó
• Antecedents: URV en els Programes Marc
• Estructura General del H2020
• Procés d’adopció d’un programa marc a la UE
• Instruments de participació
• Exemples del cas de MSC Actions i ERCs
• Actuacions des de la URV per millorar la participació
És el principal instrument de la UE per finançar projectes de RDI
Pressupost de 50.521 M€
2007-2013

Resultats de la participació espanyola en el VII PM

La URV. Evolució de la captació de recursos destinats a Recerca

Evolució de la captació de fons per a la recerca

En el 2012, a la URV, l’import concedit en projectes del VII PM (4,9M d’€) representa gairebé un 29% dels recursos captats. Ha esdevingut la primera font de finançament extern competitiu per la recerca de la URV.

Origen del finançament captat l’any 2012

(1) Ens vinculats inclou: AINS, CMCTUR, CTNS, CTQC, ICAC, ICIQ, IISPV, IPHES, IREC, PCTE, PCTO
## Projectes concedits a la URV en el VII PM i signats el 2012

<table>
<thead>
<tr>
<th>Investigador/a</th>
<th>Títol acció</th>
<th>Coordinació</th>
<th>Import concedit (€)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salvador Anton (MCITUS)</td>
<td>Four Seasons in Forte dei Marmi and Costa Daurada (FOUR SEASONS)</td>
<td></td>
<td>25,360,25</td>
</tr>
<tr>
<td>Àlex Arenas</td>
<td>Foundational Research on MULTilevel compLEX networks and systems (MULTILEX)</td>
<td></td>
<td>374,955,00</td>
</tr>
<tr>
<td>Mónica Bulló</td>
<td>Mathematical framework for multiplex networks (PLEXMATH)</td>
<td>✔</td>
<td>360,185,00</td>
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<tr>
<td>Sergio Castiñón</td>
<td>Fluorinated Sugars: Chemical Tools for the Study of Carbohydrate-Binding Proteins (FGLYD)</td>
<td>✔</td>
<td>75,000,00</td>
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<tr>
<td>Carmen Claver (CTQC)</td>
<td>Eco-friendly biorefinery fine chemicals from CO2 photo-catalytic reduction (ECO2CO2)</td>
<td></td>
<td>237,312,00</td>
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<tr>
<td>Ricardo Closa</td>
<td>Long-term effects of early nutrition on later health (EALYNUTRITION)</td>
<td></td>
<td>169,740,00</td>
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<tr>
<td>Alberto Corrales</td>
<td>An Energy Efficient Air Conditioning systems w th Temperature and Humidity independent controls based on the combination of a Liquid Desiccants Cycle with an adapted conventional air cooling system (NANOOL)</td>
<td></td>
<td>359,000,00</td>
</tr>
<tr>
<td>Josep Domingo</td>
<td>Interoperable Trust Assurance Infrastructure (INTER-TRUST)</td>
<td></td>
<td>291,434,00</td>
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<tr>
<td>Josep Lluís Domingo</td>
<td>Priority environmental contaminants in seafood: safety assessment, impact and public perception (ECSAP/SEAFOOD)</td>
<td></td>
<td>198,920,00</td>
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<tr>
<td>Maria José Figueras</td>
<td>Protecting the health of Europeans by improving methods for the detection of pathogens in drinking water and water used in food preparation (AQUAVALS)</td>
<td></td>
<td>304,980,00</td>
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<tr>
<td>Pedro Antonio García</td>
<td>CloudSpaces: Open Service Platform for the Next Generation of Personal Clouds (CLOUDSPACES)</td>
<td>✔</td>
<td>644,300,00</td>
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<tr>
<td>Ricardo García (CTQC)</td>
<td>Enzyme supplemented membrane bioreactor (EnMBR) for degradation of recalcitrant compounds in industrial wastewater</td>
<td></td>
<td>35,000,00</td>
</tr>
<tr>
<td>Francesc Grañé</td>
<td>MODELing the Environmental and human health effects of Nanomaterials (MODERN)</td>
<td>✔</td>
<td>411,435,00</td>
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<tr>
<td>Albert Mas</td>
<td>Multistrain indigenous Yeast and Bacterial starters for Wine fermentation (WILDWIN)</td>
<td></td>
<td>222,800,00</td>
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<tr>
<td>Sergio Navarro</td>
<td>Tenancy Law and Housing Policy in Multi-level Europe (TENLAW)</td>
<td></td>
<td>229,900,00</td>
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<tr>
<td>Clara O’Sullivan</td>
<td>Micro/nanosensors for early cancer warning systems - diagnostic and prognostic information (SMARTCAM/CREASEN)</td>
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<td>80,910,00</td>
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<tr>
<td>Domènec Puig</td>
<td>Platform of Games for People with Cerebral Palsy to Enhance Living Adjustment (GAME-ABLE)</td>
<td></td>
<td>205,434,67</td>
</tr>
<tr>
<td>Joan Saladó (IREC)</td>
<td>Eco-friendly biorefinery fine chemicals from CO2 photo-catalytic reduction (ECO2CO2)</td>
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<td>86,730,60</td>
</tr>
</tbody>
</table>

**Total:** 4,724,012,03

**Notes:** Pending board approval.

En 2012, la URV ha signat 19 contractes amb la Comissió Europea, 4 d’ells com a Coordinadora (21%). El pressupost mitjà de la participació de la URV en cada projecte és de 248.000€ per 4 anys.
La URV en el VII Programa marc de la UE

Finançament rebut en el VII PM

Comparativa amb altres universitats de l’ACUP (7è PM)

Anàlisi URV: 5a en Cooperation, 5a en Altres, 6a en People, 7a en Ideas
2a en captació de recursos en Cooperation per PDI Doctor a temps complet

Dades fins a 30 de juny 2013. Recollides per l’ACUP de les mateixes universitats.
La història cíclica de la participació de la URV als Programes Marc

<table>
<thead>
<tr>
<th>Any</th>
<th>FP3</th>
<th>FP4</th>
<th>FP5</th>
<th>FP6</th>
<th>FP7</th>
<th>EACEA</th>
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</table>

H2020

Pending board approval
<table>
<thead>
<tr>
<th>FORTALESES</th>
<th>INTERN</th>
<th>DEBILITATS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Increment del nombre de projectes internacionals concedits: fortalesa científica</td>
<td>Programes on hi ha baix nombre de sol·licituds</td>
<td>Dificultats en la cerca de socis i estructuració/entrada en consorcis/plataformes</td>
</tr>
<tr>
<td>Experiència acumulada en la gestió de projectes europeus: investigadors, tècnics, gestors</td>
<td>Poca incidència i coneixement en les etapes de configuració de programes i convocatòries</td>
<td>Manca de múscul organitzatiu per fer front amb agilitat als reptes de preparació de propostes</td>
</tr>
<tr>
<td>Demostrada capacitat de coordinació</td>
<td>Dificultats en la cerca de socis i estructuració/entrada en consorcis/plataformes</td>
<td>Taxa rellevant però millorable, especialment, en alguns programes</td>
</tr>
<tr>
<td>Experiències de cooperació i interacció: Eurociència a nivell estatal i Lider-EU i Connect-EU a nivell català</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Activitats de difusió i formació</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>OPORTUNITATS</th>
<th>EXTERN</th>
<th>AMENACES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Programa Horitzó 2020</td>
<td>Increment de la competitivitat per l’accés a recursos europeus i internacionals</td>
<td>Dificultats en l’etapa inicial del nou programa Horitzó 2020 per les novetats que representarà</td>
</tr>
<tr>
<td>Noves (o poc utilitzades) fonts de recursos internacionals per a l’R+D+I (sentit ampli)</td>
<td>Dificultats en l’etapa inicial del nou programa Horitzó 2020 per les novetats que representarà</td>
<td>Existència de xarxes relacionals entre agents que els permeten formalitzar projectes fàcilment</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Existència de lobbies d’agents, xarxes, regions/estats que tenen capacitat d’incidència</td>
</tr>
</tbody>
</table>
El nou programa marc per la R+D de la UE
2014 - 2020
## Estructura General (I) (*)

### I. Prioritat Ciència Excel·lent

<table>
<thead>
<tr>
<th>Prohibit</th>
<th>Valor (€)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Future and Emerging Technologies: FET – Open / FET- Proactive / FET- Flagships</td>
<td>2.450M€</td>
</tr>
<tr>
<td>Research Infrastructures</td>
<td>2.261M€</td>
</tr>
<tr>
<td>Marie Slodowska Curie Actions (MSCA)</td>
<td>5.600 M€</td>
</tr>
<tr>
<td>European Research Council (ERC)</td>
<td>11.900 M€</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>22.200M€</strong></td>
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</tbody>
</table>

### II. Prioritat Lideratge Industrial

<table>
<thead>
<tr>
<th>Prohibit</th>
<th>Valor (€)</th>
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</thead>
<tbody>
<tr>
<td>Leadership in Enabling and Industrial Technologies (LEIT)</td>
<td>12.320 M€</td>
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<tr>
<td>- Tecnologies de la informació i la comunicació</td>
<td></td>
</tr>
<tr>
<td>- Nanotecnologies</td>
<td></td>
</tr>
<tr>
<td>- Materials Avançats</td>
<td></td>
</tr>
<tr>
<td>- Fabricació i processos avançats</td>
<td></td>
</tr>
<tr>
<td>- Biotecnologia</td>
<td></td>
</tr>
<tr>
<td>- Espai</td>
<td></td>
</tr>
<tr>
<td>Access to risk Finance</td>
<td>2.583M€</td>
</tr>
<tr>
<td>Innovation in SMEs</td>
<td>560 M€</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>15.500M€</strong></td>
</tr>
</tbody>
</table>

(*) Dades pressupostàries de 26 de setembre del “Portugal for H2020 Linked-in Group”

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Pending board approval
### Estructura General (I) (*)

<table>
<thead>
<tr>
<th>III. Prioritat Reptes Socials</th>
<th>26.900M€</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salut, canvi demogràfic i benestar</td>
<td>6.790 M€</td>
</tr>
<tr>
<td>Seguretat alimentària, agricultura sostenible, investigació marina i marítima i bioeconomia</td>
<td>3.500 M€</td>
</tr>
<tr>
<td>Energia segura, neta i eficient</td>
<td>5.390 M€</td>
</tr>
<tr>
<td>Transport intel·ligent, ecològic i integrat</td>
<td>5.761 M€</td>
</tr>
<tr>
<td>Acció pel clima, eficiència dels recursos i matèries primes</td>
<td>2.800 M€</td>
</tr>
<tr>
<td>Societats inclusives, innovadores i segures</td>
<td>1.190 M€</td>
</tr>
<tr>
<td>Ciència per i amb la societat</td>
<td>1.540 M€</td>
</tr>
<tr>
<td>Institut Europeu d'Innovació i Tecnologia (EIT) – KICs</td>
<td>2.500M€</td>
</tr>
<tr>
<td>Accions directes no nuclears de Centre Comú d’Investigació (JRC)</td>
<td>??</td>
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<tr>
<td>Pressupost previst per tot el programa 2014 -2020</td>
<td>70.000M€</td>
</tr>
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</table>

(*) Dades pressupostàries de 26 de setembre del “Portugal for H2020 Linked-in Group”
Procés d’adopció del H2020

Paquet legislatiu

Reglament H2020 (Co-desició Consell – Parlament) – Aprovat PGA
Normes de Participació (Co-desició Consell – Parlament) - Aprovat PGA
Programa Específic ( Decisió Consell + opinió Parlament) - Aprovat PGA
Proposta completa de la Comissió presentada el 30/11(2011)

Pròxims passos

- Aprovació del Multiannual Financial Framework 14/20 (pre –acord 3/jul/13)
- Negociació interinstitucional (Consell Parlament) – Full General Approaches
- Redacció dels Programes de treball i documents per convocatòries (2n Sem13)
- Adopció del H2020 (esperem 2n Sem13)
- Primeres convocatòries (Gen 2014?)

\[PGA: \text{Partial General Approach}\]
Procés d’adopció del H2020

The “Ordinary legislative procedure”
(ex “co-decision”)

1. Proposal
2. European Parliament
3. Council
4. Amendments
5. Adoption

Green Paper consultation
(online comments, opinions, position papers etc)

Commission opinion
on EP amendments

Direct approval if agreement with EP

Direct approval if agreement with Council

ERAC

European Research Advisory Board

FP evaluations, FP7 interim review etc

Com. communication on Common position

Council position

(written 3 months)

(written 6 weeks)

Conciliation: joint text

(written majority of members)
Instruments de participació

- Maric Slodowska Curie Actions
- Plataformes Públic i Privades – Lideratge Industrial
- Instruments per participar als Reptes Socials: Collaborative Projects, Coordinated Actions, etc
<table>
<thead>
<tr>
<th>Tipus</th>
<th>Característiques</th>
<th>Previsió data convocatòria</th>
<th>Previsió tancament</th>
</tr>
</thead>
</table>
| Innovative Training Networks (ITN) | European Training Networks (ETNs)  
European Industrial Doctorates (EIDs)  
Join Doctorates (EJD) | Des 2013 → 02 Sept 14→ | 8 April 14 21 Jan 15 |
| Individual Fellowships (IFs) | Suport for Experienced researchers undertakin an inter-sector mobility  
European (EF)  
Reintegration (RF)  
Global (GF) | Des 2013 → 12 Nov 14 → | 10 April 14 14 April 15 |
<p>| Co-Funding of Regional, national and international programmes (COFUND) | Doctoral Programs + Fellowship programmes | 8 July 2014 | 18 Nov 2014 |
| Research &amp; Innovation Staff Exchange (RISE) | International and inter-sector cooperation through the exchange of staff. Joint Research and Innovation Programs (Academia and non Academia), intersectorial, SMEs | 30 Sep 14 → | 15 Jan 2015 |</p>
<table>
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<tr>
<th>2014</th>
<th>Starting Grant</th>
<th>Consolidator Grant</th>
<th>Advanced Grant</th>
<th>Proof of Concept Grant</th>
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<td>ERC-2014-CoG</td>
<td>ERC-2014-AdG</td>
<td>ERC-2014-PoC</td>
</tr>
<tr>
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<td>x xxxxxx 201x</td>
<td>x xxxxxx 201x</td>
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<td>Deadline(s)</td>
<td>25 March 2014</td>
<td>3 June 2014</td>
<td>21 October 2014</td>
<td>28 April 2014</td>
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<tr>
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<td>2 October 2014</td>
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<tr>
<td>Budget million EUR</td>
<td>485</td>
<td>713</td>
<td>450</td>
<td>15</td>
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<tr>
<td>(estimated number of grants)</td>
<td>(370)</td>
<td>(401)</td>
<td>(200)</td>
<td>(100)</td>
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</tbody>
</table>
• The reimbursement model for universities will be based on a single **funding rate of 100% of direct costs and a flat rate of 25% of direct costs to cover indirect costs**. The Rules for Participation do not include an option for reimbursement of research costs based on full costing methodologies. The European Commission announced that it is developing guidelines which will allow beneficiaries to cover indirect costs for large infrastructure in addition to the flat rate.

• **Open access will be mandatory** for all scientific publications produced with funding from Horizon 2020 and the costs will be eligible for reimbursement.
“URV ongoing activities” per facilitar la participació

• Jornada informativa - 21 d’octubre amb Anton Valero, Marina Martínez (SOST-Brussels), David Rovirosa (ACC1Ó) i Cristina Borràs (AGAUR)

• Carpeta compartida a BSCW amb tota la documentació “provisional” (filtrada) que va “apareixent”.

• Preparació de cursos de formació en la preparació de propostes amb ICE i Pla de Formació del PAS

• Agendes estratègiques de Sustainable Catalisys i Food

• Difusió focalitzada de Brokerage events i altres activitats

• Difusió dels projectes Europeus en marxa des de la Oficina Comunicació de la Ciència

• Altres

• Llistes de distribució del CDTI: http://www.cdti.es/index.asp?MP=8&MS=69&MN=2&r=1280*800
<table>
<thead>
<tr>
<th>Qui</th>
<th>On</th>
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<tbody>
<tr>
<td>Com a Institució</td>
<td>MSCA – CoFUND Excellence Science – Research Infr. KICs</td>
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<tr>
<td></td>
<td>Compres Públiques Innovadores</td>
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<td>Investigador Individualment</td>
<td>Excellence Science – FET</td>
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<td>MSCA – Networks &amp; RISE</td>
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<td>Spin-off Universitàries</td>
<td>Access to risk Finance</td>
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<tr>
<td></td>
<td>Innovation in SMEs</td>
</tr>
<tr>
<td>Altres??</td>
<td></td>
</tr>
</tbody>
</table>
Breu introducció al H2020

Per al Dr Nassarre
Ignasi Salvadó
Joaquim Solana
5 des 2013
Contingut

• Antecedents: URV en els Programes Marc
• Estructura General del H2020
• Procés d’adopció d’un programa marc a la UE
• Instruments de participació
• Exemples del cas de MSC Actions i ERCs
• Actuacions des de la URV per millorar la participació
És el principal instrument de la UE per finançar projectes de RDI
Pressupost de 50.521 M€
2007-2013

Resultats de la participació espanyola en el VII PM

En el 2012, a la URV, l’import concedit en projectes del VII PM (4,9M d’€) representa gairebé un 29% dels recursos captats. Ha esdevingut la primera font de finançament extern competitiu per la recerca de la URV.
La URV en el VII Programa marc de la UE

En 2012, la URV ha signat 19 contractes amb la Comissió Europea, 4 d’ells com a Coordinadora (21%). El pressupost mitjà de la participació de la URV en cada projecte és de 248.000€ per 4 anys.

<table>
<thead>
<tr>
<th>Investigador/a</th>
<th>Títol acció</th>
<th>Coordinació</th>
<th>Import concedit (€)</th>
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<tbody>
<tr>
<td>Salvador Anton</td>
<td>Four Sessions in Forte dei Marmi and Costa Daurada (FOUR SEASONS)</td>
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<tr>
<td>Álex Arenas</td>
<td>Foundational Research on MULTilevel complex networks and systems (MULTILEX)</td>
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<tr>
<td>Mónica Bulló</td>
<td>Mathematical framework for multiplex networks (PLEXMATH)</td>
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<td>Sergio Castells</td>
<td>Fluorinated Sugars: Chemical Tools for the Study of Carbohydrate-Binding Proteins (FGLYP)</td>
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<td>Carmen Claver</td>
<td>Eco-friendly biorefinery fine chemicals from CO2 photo-catalytic reduction (ECO2CO2)</td>
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<td>237.312.00</td>
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<td>Ricardo Crespo</td>
<td>Long term effects of early nutrition on later health (EARLYNUTRITION)</td>
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<td>Alberto Coronas</td>
<td>An Energy Efficient Air Conditioning systems with Temperature and Humidity independent controls based on the combination of a Liquid Desiccants Cycle with an adapted conventional air cooling system (NANOCOOL)</td>
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<td>Josep Domingo</td>
<td>Interoperable Trust Assurance Infrastructure (INTER-TRUST)</td>
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<td>Josep L. Domingo</td>
<td>Priority environmental contaminants in seafood: safety assessment, impact and public perception (ECOPESFOMAC)</td>
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<td>Maria Piqueru</td>
<td>Protecting the health of Europeans by improving methods for the detection of pathogens in drinking water and water used in food preparation (AQUAVALENS)</td>
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<td>Pedro Antonio García</td>
<td>CloudSpaces: Open Service Platform for the Next Generation of Personal Clouds (CLOUDSPACES)</td>
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<td>Ricardo Garcia</td>
<td>Enzyme supplemented membrane bioreactor (EnMBR) for degradation of recalcitrant compounds in industrial wastewater</td>
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<td>Francesc Grait</td>
<td>MODEling the Environmental and human health effects of Nanomaterials (MODEREN)</td>
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<td>Albert Mas</td>
<td>Multistrain indigenous Yeast and Bacterial starters for Winemaking (WILDEWIN)</td>
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<td>Clara O’Sullivan</td>
<td>Micro/nanobiosensors for early cancer warning system - diagnostic and prognostic information (SMARTCAKERSENS)</td>
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<td>80.910.00</td>
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<td>Domènech Puig</td>
<td>Platform of Games for People with Cerebral Palsy to Enhance Living Adjustment (GAME-ABLES)</td>
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<tr>
<td>Joan Salvador</td>
<td>Eco-friendly biorefinery fine chemicals from CO2 photo-catalytic reduction (ECO2CO2)</td>
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<td>66.730.60</td>
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</tbody>
</table>

Total: 4.724.012.03

CTQC: Centre Tecnològic de la Química de Catalunya
IREC: Institut de Recerca en Energia de Catalunya
NCTUR: Consorci per a la Millor de la Competitivitat del Turisme i l’Oli a les Comarques de Tarragona

Font: Servei de Gestió de la Recerca. Data de referència: 31 de desembre de 2012

Pending board approval
La URV en el VII Programa marc de la UE

**Finançament rebut en el VII PM**


**Projectes signats i departaments implicats**
Comparativa amb altres universitats de l’ACUP (7è PM)

Anàlisi URV: 5a en Cooperation, 5a en Altres, 6a en People, 7a en Ideas 2a en captació de recursos en Cooperation per PDI Doctor a temps complet

Dades fins a 30 de juny 2013. Recollides per l’ACUP de les mateixes universitats.
La historia cíclica de la participación de la URV en los Programes Marc

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</table>

EACEA

Altres

Pending board approval
### Anàlisi de Situació

#### Fortaleses
- Increment del nombre de projectes internacionals concedits: fortalesa científica
- Experiència acumulada en la gestió de projectes europeus: investigadors, tècnics, gestors
- Demostrada capacitat de coordinació
- Experiències de cooperació i interacció: Eurociència a nivell estatal i Lider-EU i Connect-EU a nivell català
- Activitats de difusió i formació

#### Intern
- Programes on hi ha baix nombre de sol·licituds
- Poca incidència i coneixement en les etapes de configuració de programes i convocatòries
- Dificultats en la cerca de socis i estructuració/entrada en consorcis/plataformes
- Manca de múscul organitzatiu per fer front amb agilitat als reptes de preparació de propostes
- Taxa rellevant però millorable, especialment, en alguns programes

#### Oportunitats
- Programa Horitzó 2020
- Noves (o poc utilitzades) fonts de recursos internacionals per a l’R+D+I (sentit ampli)

#### Extern
- Increment de la competitivitat per l’accés a recursos europeus i internacionals
- Dificultats en l’etapa inicial del nou programa Horitzó 2020 per les novetats que representarà
- Existència de xarxes relacionals entre agents que els permeten formalitzar projectes fàcilment
- Existència de lobbies d’agents, xarxes, regions/estats que tenen capacitat d’incidència

#### Amenaces
- Programes on hi ha baix nombre de sol·licituds
- Poca incidència i coneixement en les etapes de configuració de programes i convocatòries
- Dificultats en la cerca de socis i estructuració/entrada en consorcis/plataformes
- Manca de múscul organitzatiu per fer front amb agilitat als reptes de preparació de propostes
- Taxa rellevant però millorable, especialment, en alguns programes
El nou programa marc per la R+D de la UE
2014 - 2020
## I. Prioritat Ciència Excel·lent

<table>
<thead>
<tr>
<th>Category</th>
<th>Amount (€)</th>
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<tbody>
<tr>
<td>Future and Emerging Technologies: FET – Open / FET- Proactive / FET- Flagships</td>
<td>2.696 M€</td>
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<tr>
<td>Research Infrastructures</td>
<td>2.488 M€</td>
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<td>Marie Skłodowska Curies Actions (MSCA)</td>
<td>6.162 M€</td>
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<tr>
<td>European Research Council (ERC)</td>
<td>13.095 M€</td>
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## II. Prioritat Lideratge Industrial

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<td>- Nanotecnologies</td>
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<td>- Materials Avançats</td>
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<td>- Fabricació i processos avançats</td>
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<tr>
<td>- Biotecnologia</td>
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<td>- Espai</td>
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<td>Access to risk Finance</td>
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<td>Innovation in SMEs</td>
<td>616 M€</td>
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### Estructura General (I) (*

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<th>III. Prioritat Reptes Socials</th>
<th>29.679 M€</th>
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<td>1. Salut, canvi demogràfic i benestar</td>
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<td>2. Seguretat alimentària, agricultura sostenible, investigació marina i marítima i bioeconomia</td>
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<td>3. Energia segura, neta i eficient</td>
<td>5.931 M€</td>
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<td>4. Transport intel·ligent, ecològic i integrat</td>
<td>6.339 M€</td>
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<tr>
<td>5. Acció pel clima, eficiència dels recursos i matèries primes</td>
<td>3.081 M€</td>
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<tr>
<td>6. Societats inclusives, innovadores i reflexives</td>
<td>1.309 M€</td>
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<td>7. Societats segures</td>
<td>1.695 M€</td>
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#### Ciència per i amb la societat

- 462 M€

#### Institut Europeu d'Innovació i Tecnologia (EIT) – KICs

- 2.711 M€

#### Accions directes no nuclears de Centre Comú d’Investigació (JRC)

- 1.903 M€

#### Pressupost previst per tot el programa 2014 -2020

- 77.028 M€
Procés d’adopció del H2020

Paquet legislatiu

Reglament H2020 (Co-desició Consell – Parlament) – Aprovat PGA
Normes de Participació (Co-desició Consell – Parlament) - Aprovat PGA
Programa Específic ( Decisió Consell + opinió Parlament) - Aprovat PGA
Proposta completa de la Comissió presentada el 30/11(2011)

Pròxims passos

- Aprovació del Multiannual Financial Framework 14/20 (pre –acord 3/jul/13)
- Negociació interinstitucional (Consell Parlament) – Full General Approaches
- Redacció dels Programes de treball i documents per convocatòries (2n Sem13)
- Adopció del H2020 (esperem 2n Sem13)
- Primeres convocatòries (Gen 2014?)

PGA: Partial General Approach
The “Ordinary legislative procedure”  
(ex “co-decision”)
• Maric Slodowska Curie Actions
• Plataformes Público Privades – Lideratge Industrial
• Instruments per participar als Reptes Socials: Collaborative Projects, Coordinated Actions, etc.
<table>
<thead>
<tr>
<th>Tipus</th>
<th>Característiques</th>
<th>Data obertura convocatòria</th>
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<td>European Industrial Doctorates (EIDs)</td>
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<td>Join Doctorates (EJD)</td>
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<td>Individual Fellowships (IFs)</td>
<td>Support for Experienced researchers undertaking an inter-sector mobility</td>
<td>12 March 14</td>
<td>11 Sept 14</td>
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<td>European (EF)</td>
<td>12 Mar 14 →</td>
<td>10 Sept 15</td>
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<td>Global (GF)</td>
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<td>Co-Funding of Regional, national and international programmes (COFUND)</td>
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<td>17 June 2014</td>
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<td>Budget million EUR</td>
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<td>713</td>
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<td>(estimated number of grants)</td>
<td>(370)</td>
<td>(401)</td>
<td>(200)</td>
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• The reimbursement model for universities will be based on a single **funding rate of 100% of direct costs and a flat rate of 25% of direct costs to cover indirect costs**. The Rules for Participation do not include an option for reimbursement of research costs based on full costing methodologies. The European Commission announced that it is developing guidelines which will allow beneficiaries to cover indirect costs for large infrastructure in addition to the flat rate.

• **Open access will be mandatory** for all scientific publications produced with funding from Horizon 2020 and the costs will be eligible for reimbursement.
“URV ongoing activities” per facilitar la participació

• Jornada informativa - 21 d’octubre amb Anton Valero, Marina Martínez (SOST-Brussels), David Rovirosa (ACC1Ó) i Cristina Borràs (AGAUR)

• Web amb programes de treball:
  – www.regioconeixement.cat

• Preparació de cursos de formació en la preparació de propostes amb ICE i Pla de Formació del PAS

• Agendes estratègiques de Sustainable Catalisys i Food

• Difusió focalitzada de Brokerage events i altres activitats

• Difusió dels projectes Europeus en marxa des de la Oficina Comunicació de la Ciència

• Altres

• Llistes de distribució del CDTI: http://www.cdti.es/index.asp?MP=8&MS=69&MN=2&r=1280*800

Pending board approval
## Com hi pot participar la URV?

<table>
<thead>
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<th>Qui</th>
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<tbody>
<tr>
<td>Com a Institució</td>
<td>MSCA – CoFUND Excellence Science – Research Infr. KICs Compres Públiques Innovadores</td>
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<td>Investigador Individualment</td>
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<td>Altres??</td>
<td>Pending board approval</td>
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Oportunitats concretes CREIP?


Enllaç darrera publicació de la Comissió Europea DG R&I amb el llistat dels projectes europeus 7PM finançats en l’àmbit de les Ciències Sòcio-econòmiques i Humanitats:


**Punt de Contacte Nacional (NCP):**

**Rocío Castrillo Cancela**  
Fundación Española para la Ciencia y la Tecnología (FECYT)  
E-mail (temporal): rocio.castrillo@fecyt.es
Breu introducció al H2020

DEEA
Ignasi Salvador / Dani Ferrer / Lourdes Callau
12 febrer 2014

195/344
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Evolució de la captació de fons per a la recerca

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Origen del finançament captat l’any 2012
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<tr>
<td>Salvador Anton</td>
<td>Four Seasons in Foro del Manni and Costa Daurada (FOUR SEASONS)</td>
<td></td>
<td>25.360.25</td>
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<tr>
<td>Álex Arenas</td>
<td>Foundational Research on Multi-Level Complex networks and systems (MULTILEX)</td>
<td></td>
<td>374.955.00</td>
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<tr>
<td>Mònica Bulló</td>
<td>Mathematical framework for multiplex networks (PLEXMATH)</td>
<td>✔</td>
<td>360.185.00</td>
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<tr>
<td>Sergio Casablanca</td>
<td>Fluorinated Sugars: Chemical Tools for the Study of Carbohydrate-Binding Proteins (FLGYP)</td>
<td>✔</td>
<td>75.000.00</td>
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<tr>
<td>Carmen Claver</td>
<td>Eco-friendly biorefinery fine chemicals from CO2 photocatalytic reduction (ECO2CO2)</td>
<td></td>
<td>237.312.00</td>
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<tr>
<td>Ricardo Closs</td>
<td>Long-term effects of early nutrition on later health (EARLYNUTRITION)</td>
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<td>169.740.00</td>
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<tr>
<td>Alberto Coronas</td>
<td>An Energy Efficient Air Conditioning Systems with Temperature and Humidity independent controls based on the combination of a Liquid Desiccants Cycle with an adapted conventional air cooling System (NAOCOOL)</td>
<td></td>
<td>359.600.00</td>
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<tr>
<td>Josep Domingo</td>
<td>Interoperable Trust Assurance Infrastructure (INTER-TRUST)</td>
<td></td>
<td>291.434.00</td>
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<tr>
<td>Josep Luis Domingo</td>
<td>Priority environmental contaminants in seafood: safety assessment, impact and public perception (ECSCANSEAPFOOD)</td>
<td></td>
<td>198.920.00</td>
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<tr>
<td>Maria José Puigues</td>
<td>Protecting the health of Europeans by improving methods for the detection of pathogens in drinking water and water used in food preparation (AQUAVALENCE)</td>
<td></td>
<td>304.980.00</td>
</tr>
<tr>
<td>Pedro Antonio Garcia</td>
<td>CloudSpaces: Open Service Platform for the Next Generation of Personal Clouds (CLOUDSPACES)</td>
<td>✔</td>
<td>644.300.00</td>
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<tr>
<td>Ricardo García</td>
<td>Enzyme supplemented membrane biorreactor (EnMBR) for degradation of recalcitrant compounds in industrial wastewater</td>
<td></td>
<td>35.000.00</td>
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<tr>
<td>Francesc Grañet</td>
<td>Modeling the Environmental and human health effects of Nanomaterials (MODERN)</td>
<td>✔</td>
<td>411.435.00</td>
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<tr>
<td>Albert Mas</td>
<td>Multistrain indigenous Yeast and Bacterial starters for Wine fermentation (WILDWINE)</td>
<td></td>
<td>222.800.00</td>
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<tr>
<td>Sergio Narro</td>
<td>Tenancy Law and Housing Policy in Multi-Level Europe (TENLAW)</td>
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<td>229.900.00</td>
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<tr>
<td>Clara O’Sullivan</td>
<td>Micro/nanosensors for early cancer warning system - diagnostic and prognostic information (SMARTCAI/CERSENS)</td>
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<td>80.910.00</td>
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<tr>
<td>Domenec Puig</td>
<td>Platform of Games for People with Cerebral Palsy to Enhance Living Adjustment (GAME-ABLING)</td>
<td></td>
<td>205.434.67</td>
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<tr>
<td>Joan Salvedó</td>
<td>Eco-friendly biorefinery fine chemicals from CO2 photocatalytic reduction (ECO2CO2)</td>
<td></td>
<td>86.738.60</td>
</tr>
</tbody>
</table>

| Total               |                                                                           |             | 4.724.012.02        |

CTQC Centre Tecnològic de la Química de Catalunya
IREC Institut de Recerca en Energia de Catalunya
IMCTUR Consorci per a la Millora de la Competitivitat del Turisme i l’Oci a les Comarques de Tarragona

Font: Servei de Gestió de la Recerca. Data de referència: 31 de desembre de 2012

Pending board approval
La URV en el VII Programa marc de la UE

PARTICIPACIÓ DE LA URV EN EL VII PROGRAMA MARC (DADES ACUMULADES)

<table>
<thead>
<tr>
<th>Any</th>
<th>Finançament</th>
<th>Nombre de projectes</th>
<th>Departaments URV implicats</th>
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<td>2008</td>
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<td>2009</td>
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<td>2010</td>
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<td>2011</td>
<td>10.101</td>
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<td>2012</td>
<td>14.826</td>
<td>58</td>
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</tr>
</tbody>
</table>

Pending board approval
Comparativa amb altres universitats de l’ACUP (7è PM)

Anàlisi URV: 5a en Cooperation, 5a en Altres, 6a en People, 7a en Ideas
2a en captació de recursos en Cooperation per PDI Doctor a temps complet

Dades fins a 30 de juny 2013. Recollides per l’ACUP de les mateixes universitats.
La història cíclica de la participació de la URV als Programes Marc

<table>
<thead>
<tr>
<th>1.000.000,00</th>
<th>2.000.000,00</th>
<th>3.000.000,00</th>
<th>4.000.000,00</th>
<th>5.000.000,00</th>
<th>6.000.000,00</th>
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<tr>
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<td>2001</td>
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<tr>
<td>2011</td>
<td>2012</td>
<td>2013</td>
<td></td>
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</tr>
</tbody>
</table>

FP3          | FP4          | FP5          | FP6          | FP7          | H2020

Pending board approval

H2020

Altres
El nou programa marc per la R+D de la UE
2014 - 2020

Pending board approval
## I. Prioritat Ciència Excel·lent

<table>
<thead>
<tr>
<th>Project</th>
<th>Budget (M€)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Future and Emerging Technologies: FET – Open / FET- Proactive / FET- Flagships</td>
<td>2.696</td>
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<tr>
<td>Research Infrastructures</td>
<td>2.488</td>
</tr>
<tr>
<td>Marie Slodowska Curies Actions (MSCA)</td>
<td>6.162</td>
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<td>European Research Council (ERC)</td>
<td>13.095</td>
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</table>

## II. Prioritat Lideratge Industrial

<table>
<thead>
<tr>
<th>Project</th>
<th>Budget (M€)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leadership in Enabling and Industrial Technologies (LEIT)</td>
<td>13.557</td>
</tr>
<tr>
<td>- Nanotecnologies</td>
<td></td>
</tr>
<tr>
<td>- Materials Avançats</td>
<td></td>
</tr>
<tr>
<td>- Fabricació i processos avançats</td>
<td></td>
</tr>
<tr>
<td>- Biotecnologia</td>
<td></td>
</tr>
<tr>
<td>- Espai</td>
<td></td>
</tr>
<tr>
<td>Access to risk Finance</td>
<td>2.842</td>
</tr>
<tr>
<td>Innovation in SMEs</td>
<td>616</td>
</tr>
</tbody>
</table>

(*) Pending board approval
### Prioritat Reptes Socials

<table>
<thead>
<tr>
<th>Prioritat</th>
<th>Descripció</th>
<th>Pressupost M€</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Salut, canvi demogràfic i benestar</td>
<td>7.472 M€</td>
</tr>
<tr>
<td>2.</td>
<td>Seguretat alimentària, agricultura sostenible, investigació marina i marítima i bioeconomia</td>
<td>3.851 M€</td>
</tr>
<tr>
<td>3.</td>
<td>Energia segura, neta i eficient</td>
<td>5.931 M€</td>
</tr>
<tr>
<td>4.</td>
<td>Transport intel·ligent, ecològic i integrat</td>
<td>6.339 M€</td>
</tr>
<tr>
<td>5.</td>
<td>Acció pel clima, eficiència dels recursos i matèries primes</td>
<td>3.081 M€</td>
</tr>
<tr>
<td>6.</td>
<td>Societats inclusives, innovadores i reflexives</td>
<td>1.309 M€</td>
</tr>
<tr>
<td>7.</td>
<td>Societats segures</td>
<td>1.695 M€</td>
</tr>
<tr>
<td><strong>Ciència per i amb la societat</strong></td>
<td></td>
<td>462 M€</td>
</tr>
<tr>
<td><strong>Institut Europeu d’Innovació i Tecnologia (EIT) – KICs</strong></td>
<td></td>
<td>2.711 M€</td>
</tr>
<tr>
<td><strong>Accions directes no nuclears de Centre Comú d’Investigació (JRC)</strong></td>
<td></td>
<td>1.903 M€</td>
</tr>
<tr>
<td><strong>Pressupost previst per tot el programa 2014 -2020</strong></td>
<td></td>
<td>77.028 M€</td>
</tr>
</tbody>
</table>
Instruments de participació

- Maric Slodowska Curie Actions
- Plataformes Público Privades – Lideratge Industrial
- Instruments per participar als Reptes Socials: Collaborative Projects, Coordinated Actions, etc.
<table>
<thead>
<tr>
<th>Tipus</th>
<th>Característiques</th>
<th>Data obertura convocatòria</th>
<th>Data tancament</th>
</tr>
</thead>
</table>
| Innovative Training Networks (ITNs) | European Training Networks (ETNs)  
                             European Industrial Doctorates (EIDs)  
                             Join Doctorates (EJD) | 11 Des 2013  
                             02 Sept 2014 | 9 April 2014  
                             13 Jan 2015 |
| Individual Fellowships (IFs)  | Support for Experienced researchers undertaking an inter-sector mobility  
                             European (EF)  
                             Reintegration (RF)  
                             Global (GF) | 12 March 14  
                             12 Mar 14 → | 11 Sept 14  
                             10 Sept 15 |
| Co-Funding of Regional, national and international programmes (COFUND) | Doctoral Programs + Fellowship programmes | 10 April 2014  
                             14 April 2015 | 02 Oct 2014  
                             01 Oct 2015 |
| Research & Innovation Staff Exchange (RISE) | International and inter-sector cooperation through the exchange of staff. Joint Research and Innovation Programs (Academia and non Academia), intersectorial, SMEs | 11 Des 2014  
                             06 Jan 2014 | 24 April 2014  
                             28 April 2015 |
<table>
<thead>
<tr>
<th>2014</th>
<th>Starting Grant</th>
<th>Consolidator Grant</th>
<th>Advanced Grant</th>
<th>Proof of Concept Grant</th>
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<tbody>
<tr>
<td>Call identifier</td>
<td>ERC-2014-StG</td>
<td>ERC-2014-CoG</td>
<td>ERC-2014-AdG</td>
<td>ERC-2014-PoC</td>
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<tr>
<td>Date of publication</td>
<td>11 December 2013</td>
<td>11 December 2013</td>
<td>17 June 2014</td>
<td>11 December 2013</td>
</tr>
<tr>
<td>Deadline(s)</td>
<td>25 March 2014</td>
<td>20 May 2014</td>
<td>21 October 2014</td>
<td>01 April 2014</td>
</tr>
<tr>
<td>Budget million EUR (estimated number of grants)</td>
<td>485 (370)</td>
<td>713 (401)</td>
<td>450 (200)</td>
<td>15 (100)</td>
</tr>
</tbody>
</table>
“URV ongoing activities” per facilitar la participació

• Jornada informativa - 21 d’octubre amb Anton Valero, Marina Martínez (SOST-Brussels), David Rovirosa (ACC1Ó) i Cristina Borràs (AGAUR)

• Web amb programes de treball:
  – www.regioconeixement.cat

• Preparació de cursos de formació en la preparació de propostes amb ICE i Pla de Formació del PAS

• Agendas estratègiques de Sustainable Catalisys i Food

• Difusió focalitzada

• Difusió dels projectes Europeus en marxa des de la Oficina Comunicació de la Ciència

• Altres

• Llistes de distribució del CDTI: http://www.cdti.es/index.asp?MP=8&MS=69&MN=2&r=1280*800
<table>
<thead>
<tr>
<th>Qui</th>
<th>On</th>
</tr>
</thead>
<tbody>
<tr>
<td>Com a Institució</td>
<td>MSCA – CoFUND Excellence Science – Research Infr. KICs Compres Públiques Innovadores</td>
</tr>
<tr>
<td>Investigador Individualment</td>
<td>Excellence Science – FET MSCA- Individuals ERC</td>
</tr>
<tr>
<td>Investigador amb altres universitats / centres de recerca</td>
<td>Excellence Science MSCA – Networks &amp; RISE</td>
</tr>
<tr>
<td>Investigador amb empreses</td>
<td>LEIT Societal Challenges</td>
</tr>
<tr>
<td>Spin-off Universitàries</td>
<td>Access to risk Finance Innovation in SMEs</td>
</tr>
<tr>
<td>Altres??</td>
<td></td>
</tr>
</tbody>
</table>
Oportunitats concretes?

NEPHOS:
Nanoelectrónica, nanofotónica, micro-nanotecnologia, cel·lules solar s organiques, biosensors, modelització, materials porosos, RFID.
Tecnologia Electrònica
Ciencia dels Materials i Enginyeria Metal·lúrgica
Òptica

GAEI:
electrònica de potència, convertidors commutats contínua contínua, control no lineal, control robust, energies renovables, condicionament de potència, vehicles elèctrics, piles de combustible, sistemes fotovoltaics, eficiència en la conversió d'energia
Enginyeria de Sistemes i Automàtica
Tecnologia Electrònica
Enginyeria Elèctrica

MINOS:
nanotecnologia, materials nanoestructurats, óxids metal·lics, sensors, processat de senyal, sistemes multisensor, metabolómica, RMN, GCxGC-MS, imatges en espectrometría de masses
Tecnologia Electrònica
Teoria del Senyal i Comunicacions
Medicina
Oportunitats concretes (I)

TOTS ELS PROGRAMES DE TREBALL

LEIT-Factories of the Future
- FoF 6 – 2014: Symbiotic human - robot collaborations for safe and dynamic multimodal manufacturing systems
- FoF 1 – 2015: Flexible production systems based on integrated tools for rapid reconfiguration of machinery and robots

LEIT – Energy Efficient Buildings
- EeB 7– 2015: New tools and methodologies to reduce the gap between predicted and actual energy performances at the level of buildings and blocks of buildings

LEIT - Sustainable Process Industries (SPIRE)
- SPIRE 1 – 2 014: Integrated Process Control

LCE 2 – 2014 /2015: Developing the next generation technologies of renewable electricity and heating/cooling
LCE 3 - 2014/2015: Demonstration of renewable electricity and heating/cooling technologies
Oportunitats concretes (II)

TOTS ELS PROGRAMES DE TREBALL

**LEIT - Robotics**
ICT 23 - 2014: Robotics
ICT 24 - 2015: Robotics

**LEIT - Photonics**
ICT 26 - 2014: Photonics KET
ICT 27 - 2015: Photonics KET
ICT 28 – 2015 : Cross – cutting ICT KETs
ICT 29 - 2014: Development of novel materials and systems for OLED lighting

**LEIT - Green Vehicles**, across – thematic contractual PPP, largely in the transport societal challenge (section 11); one topic is covered under the NMP part in this section:
NMP 17 - 2014: Post lithium ion batteries for electric automotive applications
Oportunitats concretes (III)

TOTS ELS PROGRAMES DE TREBALL


Nanotechnologies, Advanced Materials, Biotechnology and Advanced Manufacturing and Processing (NMP)

- Bridging the gap between nanotechnology research and markets
- Nanotechnology and Advanced Materials for more effective Healthcare
- Nanotechnology and Advanced Materials for low- carbon energy technologies and Energy Efficiency

- ...

Per ser avaluador:


Pending board approval
Suport a la URV (àmbit DEEA)

Lourdes Callau
(lourdes.callau@urv.cat; 7006)

Suport CDTI / Min

http://eshorizonte2020.es/

Empreses i institucions de la demarcació de Tarragona

http://www.regioconeixement.cat/
977 55 81 92
daniel.ferrer@fundacio.urv.cat

Pending board approval
Presentació H2020

Departament de Bioquímica i Biotecnologia

URV

19 de maig de 2014
Índex

• La URV en el 7è PM
• Introducció general a l’H2020
• Preparar i sol·licitar un projecte
• Links d'interès
La URV en el 7è PM
La URV en el 7è PM

Resultats de la participació espanyola en el VII PM

La URV en el 7è PM

En el 2012, a la URV, l’import concedit en projectes del VII PM (4,9M d’€) representa gairebé un 29% dels recursos captats. Ha esdevingut la primera font de finançament extern competitiu per la recerca de la URV.

En 2012, la URV ha signat 19 contractes amb la Comissió Europea, 4 d’ells com a Coordinadora (21%). El pressupost mitjà de la participació de la URV en cada projecte és de 248.000€ per 4 anys.
La URV en el 7è PM

Diagrama de recursos del VII Programa de la UE (2007-2013) con datos acumulados anuales.
La URV en el 7è PM

H2020

FP3
FP4
FP5
FP6
FP7
OTROS


Pending board approval
Introducció general a l’H2020

El nou programa marc de l’R+D de la UE 2014 - 2020
Introducció general a l’H2020

The bridge above the Valley of Death*

**TRL**

|-------------------------------|--------------------|---------------------|---------------------------|--------------------------------------|---------------------------------------|-------------------------------|-------------------------------|--------------------------------|

**VALLEY OF DEATH**

- Technological Research organization
- Industrial consortia
- Anchor companies

**SCIENCE**

**TECHNOLOGY**

**PRODUCTS**

**PRODUCTION**

**MARKET**

Pending board approval
## I. Prioritat Ciència Excel·lent

<table>
<thead>
<tr>
<th>Project</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Future and Emerging Technologies: FET – Open / FET- Proactive / FET- Flagships</td>
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<table>
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<tr>
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</tr>
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<tbody>
<tr>
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</tr>
<tr>
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<td>Innovation in SMEs</td>
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</tr>
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</table>
## Introducció general a l’H2020

### III. Prioritat Reptes Socials

<table>
<thead>
<tr>
<th>Prioritat</th>
<th>Descripció</th>
<th>Pressupost previst (M€)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
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<td>Societats inclusives, innovadores i reflexives</td>
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<td>7.</td>
<td>Societats segures</td>
<td>1.695</td>
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<td></td>
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<tr>
<td></td>
<td></td>
<td>462</td>
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<tr>
<td>Institut Europeu d'Innovació i Tecnologia (EIT) – KICs</td>
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<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1.903</td>
</tr>
<tr>
<td>Pressupost previst per tot el programa 2014 -2020</td>
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<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>77.028</td>
</tr>
</tbody>
</table>
Introducció general a l’H2020

MSCA in Horizon 2020: 4 Actions

- **ITN**: Action 1 ITN Early stage Researchers
- **IEF**: Action 2 IF Experienced Researchers
- **IOF**: Action 3 RISE Exchange of Staff
- **IIF**: Action 4 COFUND Education and Culture
- **CIG**: Innovative Training Networks
  - Support for doctoral and initial training: European Training Networks, European Industrial Doctorates, European Joint Doctorates
- **Individual Fellowships**
  - Support for experienced researchers undertaking international and inter-sector mobility: European Fellowships and Global Fellowships
  - Dedicated support for career restart and reintegration
- **Research and Innovation Staff Exchange**
  - International and inter-sector cooperation through the exchange of staff
- **Co-funding of regional, national and international programmes**
  - Doctoral programmes
  - Fellowship programmes

[Link to website](http://eshorizonte2020.es/ciencia-excelente/acciones-marie-sklodowska-curie)
### Introducció general a l’H2020

#### Deadlines MSCA 2014 - 2015

<table>
<thead>
<tr>
<th>Tipus</th>
<th>Característiques</th>
<th>Data obertura convocatòria</th>
<th>Data tancament</th>
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</thead>
<tbody>
<tr>
<td><strong>Innovative Training Networks (ITN)</strong></td>
<td>European Training Networks (ETNs) European Industrial Doctorates (EIDs) Join Doctorates (EJD)</td>
<td>11 Des 2013</td>
<td>9 April 2014</td>
</tr>
<tr>
<td></td>
<td></td>
<td>02 Sept 2014</td>
<td>13 Jan 2015</td>
</tr>
<tr>
<td><strong>Individual Fellowships (IFs)</strong></td>
<td>Suport for Experienced researchers undertakin an inter-sector mobility European (EF) Reintegration (RF) Global (GF)</td>
<td>12 March 14</td>
<td>11 Sept 14</td>
</tr>
<tr>
<td></td>
<td></td>
<td>12 Mar 15 →</td>
<td>10 Sept 15</td>
</tr>
<tr>
<td><strong>Co-Funding of Regional, national and international programmes (COFUND)</strong></td>
<td>Doctoral Programs + Fellowship programes</td>
<td>10 April 2014</td>
<td>02 Oct 2014</td>
</tr>
<tr>
<td></td>
<td></td>
<td>14 April 2015</td>
<td>01 Oct 2015</td>
</tr>
<tr>
<td><strong>Research &amp; Innovation Staff Exchange (RISE)</strong></td>
<td>International and inter-sector cooperation through the exchange of staff. Joint Research and Innovation Programs (Academia and non Academia), intersectorial, SMEs</td>
<td>11 Des 2014</td>
<td>24 April 2014</td>
</tr>
<tr>
<td></td>
<td></td>
<td>06 Jan 2014</td>
<td>28 April 2015</td>
</tr>
</tbody>
</table>

228/344

Pending board approval
Introducció general a l’H2020

**Starting Grants**
starters
(2-7 years after PhD) up to € 2,0 M€ (1,5 + 0,5M€) for 5 years

**Consolidator Grants**
consolidators
(7-12 years after PhD) up to € 2,75 M€ (2,0 + 0,75M€) for 5 years

**Advanced Grants**
track-record of significant research achievements in the last 10 years up to € 3,5 M€ (2,5+1,0M€) for 5 years

**Synergy Grants**
2 – 4 Principal Investigators up to € 15.0 M€ for 6 years

**Proof-of-Concept**
bridging gap between research - earliest stage of marketable innovation up to €150,000 for ERC grant holders

### Deadlines i budgets ERCs 2014

<table>
<thead>
<tr>
<th>2014</th>
<th>Starting Grant</th>
<th>Consolidator Grant</th>
<th>Advanced Grant</th>
<th>Proof of Concept Grant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Call identifier</td>
<td>ERC-2014-StG</td>
<td>ERC-2014-CoG</td>
<td>ERC-2014-AdG</td>
<td>ERC-2014-PoC</td>
</tr>
<tr>
<td>Date of publication</td>
<td>11 December 2013</td>
<td>11 December 2013</td>
<td>17 June 2014</td>
<td>11 December 2013</td>
</tr>
<tr>
<td>Deadline(s)</td>
<td>25 March 2014</td>
<td>20 May 2014</td>
<td>21 October 2014</td>
<td>01 April 2014</td>
</tr>
<tr>
<td>Budget million EUR (estimated number of grants)</td>
<td>485 (370)</td>
<td>713 (401)</td>
<td>450 (200)</td>
<td>15 (100)</td>
</tr>
</tbody>
</table>

Existeix un fòrum URV per a suport de tots els candidats a ERC Grants
Introducció general a l’H2020

Industrial Leadership - LEIT

Societal Challenges
Introducció general a l’H2020

**BENEFICIARIS**
Toda entitat legal que compla amb els requisits establerts en les Reglament de Participació (RfP) i en els Programes de Trabajo (WP) corresponents.

**REQUISITS DE PARTICIPACIÓ**
Mínim 3 entitats jurídiques independentes de 3 Estats i membres (EM) o Estats associats (EA) diferents.

**Projectes Col·laboratius Clàssics:**
- Research & Innovation Actions (RIA)
- Innovation Actions (IA)

**MODELO DE FINANCIACIÓN... SIMPLIFICADO**
- SUBVENCIONS com a principal instrument de financiación,
- REEMBOLSO DE GASTOS REALES com a metode principal de financiación.

**Tipus de ENTITAT**

<table>
<thead>
<tr>
<th>Tipo de ACCIÓN</th>
<th>Tipo de ENTITAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research and Innovation</td>
<td>Non-Profit 100%</td>
</tr>
<tr>
<td>Innovation actions</td>
<td>Profit 70%</td>
</tr>
</tbody>
</table>

**COSTES INDIRECTOS:** Tipo fijo de 25%
Introducció general a l’H2020

PM H2020 y sus proyectos

- Resolución de problemas
- Novedad e Impacto transnacional
- IDT propia o contratada a terceros
- Compartir recursos y conocimientos
- ≥ 2 años, subv. media 316 k€ (252 k€ PYME)*
- 5-7 países; 3,7 M€; 11,5 socios (grupos de investigación + empresas + usuarios)**
- Plan de Explotación claro
- Presentación de propuestas SÓLO Electrónica

“Tiempo objetivo de puesta en marcha 8 meses”

*Datos para España VII PM Cooperación. Fuente CE, CDTI
**Sixth FP7 Monitoring report 2012 grants. Cooperación
PM evaluación de los proyectos

- Excelencia científica y/o tecnológica (relevancia)
- Impacto potencial mediante demostración, difusión y aplicación de resultados
- Calidad y eficiencia del desarrollo del proyecto y de su gestión.

O Umbral mínimo 10
O El Plan de trabajo puede especificar criterios adicionales, umbrales y ponderación

<table>
<thead>
<tr>
<th>Tasa de Aprobación**</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cooperación</td>
</tr>
<tr>
<td>Ideas</td>
</tr>
<tr>
<td>Personas</td>
</tr>
</tbody>
</table>

*Explotación & difusión de los resultados; género

* **Sixth FP7 Monitoring report 2012 propuestas
Preparar i sol·licitar un projecte
Preparar i sol·licitar un projecte

Començar amb una ‘One Page Proposal’

<table>
<thead>
<tr>
<th>Role of the One Page Proposal</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Self</strong></td>
</tr>
<tr>
<td><strong>Advisor</strong></td>
</tr>
<tr>
<td><strong>NCP/ National Delegate</strong></td>
</tr>
<tr>
<td><strong>Project Officer</strong></td>
</tr>
<tr>
<td><strong>Partners/ Competitors</strong></td>
</tr>
<tr>
<td><strong>Abstract</strong></td>
</tr>
</tbody>
</table>

Font de la bona pràctica: Sean McCarthy (Hyperion)
Preparar i sol·licitar un projecte

<table>
<thead>
<tr>
<th>Structure: One Page Proposal</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Number</strong></td>
</tr>
<tr>
<td><strong>Topic/Grant</strong></td>
</tr>
<tr>
<td><strong>Title</strong></td>
</tr>
<tr>
<td><strong>Objective</strong></td>
</tr>
<tr>
<td><strong>Background</strong></td>
</tr>
<tr>
<td><strong>Results</strong></td>
</tr>
<tr>
<td><strong>Phases</strong></td>
</tr>
<tr>
<td><strong>Consortium</strong></td>
</tr>
<tr>
<td><strong>Cost/Duration</strong></td>
</tr>
</tbody>
</table>

Pending board approval
Preparar i sol·licitar un projecte

Notes a tenir en compte alhora d’escriure la secció d’IMPACTE

5 punts sobre 15

2. Impact

Fitxa dels criteris d’avaluació d’Impacte dels avaluadors

Note: The following aspects will be taken into account, to the extent to which the outputs of the project should contribute at the European and/or International level:

- The expected impacts listed in the work programme under the relevant topic;
- Enhancing innovation capacity and integration of new knowledge;
- Strengthening the competitiveness and growth of companies by developing innovations meeting the needs of European and global markets, and where relevant, by delivering such innovations to the markets;
- Any other environmental and socially important impacts;
- Effectiveness of the proposed measures to exploit and disseminate the project results (including management of IPR), to communicate the project, and to manage research data where relevant.
Preparar i sol·licitar un projecte

Questions to Assess ‘Impact’

What will come out of your project (‘Expected Results’)

Who wants these results? (‘Lead Users’ or ‘Lead Stakeholder’)

Why do they (Lead User) want the results?

How do you plan to tell the ‘Lead Users’ about the results?

What further development (steps) will be needed?
Preparar i sol·licitar un projecte

**From Input to Output to Outcome to Impact**

<table>
<thead>
<tr>
<th>Inputs</th>
<th>Project Activities</th>
<th>Research Outputs</th>
<th>Outcomes (Short Term)</th>
<th>Impact (Long Term)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Money</td>
<td>Identify Polymer</td>
<td>Prototype of a low cost Sensor to measure hydrocarbons to 1000ppb</td>
<td>New infrared sensor on the market &lt;€50 &lt;1000 ppb</td>
<td>Reduce the cost of monitoring hydrocarbons in water.</td>
</tr>
<tr>
<td>Resources</td>
<td>Develop Sensor</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Knowledge</td>
<td>Document Design</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Collect Data</td>
<td>Sensor Performance Data</td>
<td>-Factual Data TC147 -Calibration Curve</td>
<td>Better quality water due to higher accuracy.</td>
</tr>
</tbody>
</table>

Pending board approval
Preparar i solicitar un projecte

Altres aspectes a tenir en compte:

Proyectos colaborativos

Participar en un proyecto colaborativo implica compartir conocimientos, no sólo en relación con los resultados que vamos a obtener, sino también a la propiedad intelectual que, como participantes, vamos a aportar al proyecto para alcanzar los objetivos.
Preparar i sol·licitar un projecte

**PROPIEDAD DE LOS RESULTADOS**
- Los conocimientos resultantes del proyecto son **PROPIEDAD** de el(los) participante(s) que los ha(n) generado.
  - **Novedad H2020**: cambio terminología Foreground por Results

**PROPIEDAD DEL BACKGROUND**
- Cada Beneficiario es y continua siendo el propietario de su background, incluso si contribuye con él al proyecto o ha concedido derechos de acceso a otros Beneficiarios.
  - **Novedad H2020**: Obligación para los participantes de definir por escrito el Background que aportan al proyecto

**PROTECCIÓN DE LOS RESULTADOS**
- Si es posible, razonable y justificado, cada participante debe proteger adecuadamente sus resultados
  - **Novedad H2020**: Obligación de informar a la CE si hay intención de abandonar la protección o no extenderla

**EXPLOTACIÓN DE LOS RESULTADOS**
- Los participantes harán lo posible (best efforts) para explotar sus resultados directa o indirectamente
  - **Novedad H2020**: Obligaciones adicionales de explotación se pueden incluir en el GA
Preparar i sol·licitar un projecte

PRINCIPALES ROLES

**PIC-CODE:** Identificador únic por beneficiari que participa en H2020. ECAS facilita la búsqueda del PIC, que permite incorporar directamente la información legal del beneficiario.

**Representante/s Legal/es:** Aquellas personas con capacidad para asumir derechos y obligaciones en nombre del beneficiario.

**LEAR:** Persona autorizada por el representante legal para poder dar información a nivel beneficiario.

**Coordinator Contact (CoCo):** Persona responsable de la coordinación de una acción (normalmente en consorcio).

**Participant Contact (PaCo):** Persona responsable a nivel proyecto en la organización.
Preparar i sol·licitar un projecte

Procés de Sol·licitud:

El Participant Portal
Preparar i sol·licitar un projecte

Participant Portal: Log In

Log in with the European Commission Authentication Service (ECAS)

Login with your ECAS account. Create one if you don’t have any.

Select 'External' domain, if you do not work for the Institutions of the EU.
Preparar i sol·licitar un projecte

Resultat de la cerca utilitzant el filtre

convocatòries
Cada una de les convocatòries que hem vist en la diapositiva anterior pot tenir un o diversos topics.

Cliquem a sobre del que ens interessa, i accedim a la informació i documentació del topic, així com al servei electrònic de sol·licitud, a través de l’ECAS.
Preparar i sol·licitar un projecte

The new proposal submission service

After login you will arrive at the new electronic proposal service. This wizard will help you to create and submit a proposal step by step.
Preparar i sol·licitar un projecte

Steps for the submission of proposals

Instrument selection

Pre-registration

Consortium set-up

Edit Proposal & Submission

Filling in Forms

Submitted proposal
Preparar i sol·licitar un projecte

Step 6: Submit your proposal

A confirmation message is displayed when your proposal is successfully submitted. This confirmation message will also be sent to your e-mail address.

Before the deadline of your call you can:
- Re-edit your proposal,
- Withdraw your proposal,
- Download a digitally signed, time-stamped version of your proposal – this function is available up to 90 days after call closure.
Preparar i sol·licitar un projecte

Un darrer consell, inscriu-vos com a experts!!

Documentació i links d'interès

**Documentació:**

Plantilla (Part A i B) de la memòria tècnica de les accions ‘Research & Innovation Actions’ i ‘Innovation Actions’:


Tota la documentació oficial publicada

Documentació i links d'interès

Enllaços a webs:

Llistes de distribució del CDTI (Informació H2020, a temps i indispensable a la teva safata d'entrada)
http://www.cdti.es/index.asp?MP=8&MS=69&MN=2&r=1280*800

H2020, web espanyola de MINECO
http://eshorizonte2020.es/

H2020, web oficial de la Comissió Europea

Participant Portal

Manual H2020 on line
http://ec.europa.eu/research/participants/docs/h2020-funding-guide/index_en.htm
Enllaços a webs:

**Llistat de Punts de Contacte Nacionals**

**Directori de la Comissió Europea**

**ECAS (European Comission Authentication Service)**
https://ecas.ec.europa.eu/cas/login?domain=external&loginRequestId=ECAS_LR-3122501-zzmEZBlBPGerkXXTguAfaGc9EFKEdag2aiSRXWizdWVzpQ3bTES41zXhs5zzoc3zcKInWMejTFcJLNdbv77jNis-Jj71zxYb8yrhzXnJsJFlwc-X50dIyAHu2T6iM8m25Si9tWfoeVzzVeHJMm9ZN3E4640

Documentació i links d'interès
Contactes dels serveis URV d’informació i suport a la participació

R+D+i a la URV

H2020 i altres programes:
Òscar Vidal – UGAD Sescelades
Tel. 977 29 70 03
oscar.vidal@urv.cat

Suport R+D+i, per a empreses i institucions del territori

www.regioconeixement.cat
Tel. 977 55 81 92
Mar Baiget
mariadelmar.baiget@fundacio.urv.cat
Dani Ferrer
daniel.ferrer@fundacio.urv.cat
H2020 - Basics

- A single programme

  H2020
  \[\begin{array}{c}
  \text{FP7} \\
  \text{CIP (Competitiveness and Innovation Framework)} \\
  \text{EIT (European Institute of Innovation and Technology)}
  \end{array}\]

- Focus on societal challenges (e.g. health, clean energy and transport)

- Simplified access

- Coupling research to innovation

Rebalancing the EU RDI funding programs

Source: Key Science and Engineering Indicators, National Science Board, 2010
H2020 - Basics

Mastering and deployment **KETs – KEY ENABLING TECHNOLOGIES**

6 selected KETS in 2009:
- nanotechnology, micro-nanoelectronics, advanced materials, photonics, industrial biotechnology and advanced manufacturing systems

Started in January 2013: Multi-KETs Pilot Lines project (mKPL) – expressions of interest til sep 2013

Building the bridge to pass across the KETs “valley of death”
The bridge above the Valley of Death: FP7 status based on EXCELLENCE
H2020 - Basics

Building the bridge to pass across the KETs “valley of death”

Panorama en el VII Programa Marco
- JTIs (Joint Technology Initiatives)
- PPPs (Public Private Partnerships)

Visión general Horizonte 2020
- PPPs (contractuales)
- JTIs (PPPs institucionales)
- EIPs (European Innovation Partnerships)
- Otros: KICs, JPIs, EIs, P2Ps, Alianzas de Investigación, Instrumentos Financieros, ...

Análisis grandes iniciativas
Objectives & structure

**Tackling Societal Challenges**
- Health, demographics and wellbeing
- Food security and sustainable bio-resources
- Secure, clean and efficient energy
- Smart, green and integrated transport
- Resource Efficiency and Climate Challenge
- Secure and inclusive societies

**Creating Industrial Leadership and Competitive Frameworks**
- Leadership in enabling technologies (ICT, nanotech etc)
- Access to risk finance
- Integrating research, education and innovation (EIT)
- Innovation in SMEs

**Seamless Connections**
- Excellence in the Science base
  - Frontier research (ERC, FET)
  - Skills and career development
  - Priority research infrastructures

**Europe 2020 priorities**
- Simplified Access
- Common rules, toolkit of funding schemes
- Coherent with other EU and MS actions

Pending board approval
H2020 – Objectives & structure

- Bianual WP, annual calls → WP 2014-2015 (1st)
- Publication of first calls for proposals: 11 December 2013
- Transversal & multidisciplinary calls
- Structured in 3 pillars

Pilar I: Excellence Science  
Pilar II: Industrial Leadership  
Pilar III: Societal Challenges

Other initiatives: EURATOM, JRC, EIT,...

Pie chart showing distribution of funds: 39% Retos Sociales (26.900 M €), 32% Ciencia Excelente (22.200 M €), 22% Liderazgo Industrial (15.400 M €), 7% Otros (5.300 M €).
Pilar I: Excellence Science
Pilar I: Excellence Science

I.1. Frontier research
IDEAS FP7

I.2. Marie Skłodowska-Curie Actions
PEOPLE FP7

I.3. FET (Future & emerging technologies)
COOPERATION. THEME: ICT
(Information and Communication Technologies)

I.4. Infrastructures
CAPACITIES FP7

85% without priorities – open topics
I.1. Frontier research

IDEAS FP7

Starting Grants
starters
(2-7 years after PhD) up to € 2,0 M€ (1,5 + 0,5M€) for 5 years

Consolidator Grants
consolidators
(7-12 years after PhD) up to € 2,75 M€ (2,0 + 0,75M€) for 5 years

Advanced Grants
track-record of significant research achievements in the last 10 years up to € 3,5 M€ (2,5+1,0M€) for 5 years

Synergy Grants
2 – 4 Principal Investigators up to € 15.0 M€ for 6 years

Proof-of-Concept
bridging gap between research - earliest stage of marketable Innovation up to €150,000 for ERC grant holders

www.eshorizonte2020.eu
Pilar I: Excellence Science

1.2. Marie Skłodowska-Curie Actions

**PEOPLE FP7**

**Action 1**
Early-stage Researchers

Innovative Training Networks (ITN):
- European Training Networks (ETN)
- European Industrial Doctorates (EID)
- European Joint Doctorates (EJD)

**Action 2**
Experienced Researchers

Individual Fellowships (IF):
- European o Reintegration F.: 12-24 months
- Global F.: 12-24 months + 12 month return phase in Europe

**Action 3**
Exchange of Staff

Research and Innovation Staff Exchange (RISE)

**Action 4**
Co-funding of regional, national and international programmes
- Doctoral programmes

**NIGHT**
European Researchers' Night

**NCP**
Tran-national cooperation among MSC National Contact Points (NCP)

Erasmus Mundus
I.3. FET (Future & emerging technologies)

COOPERATION. THEME: ICT (Information and Communication Technologies)

**FET-Open (40% FET)**

novel ideas through a “bottom-up” approach; long term EU challenges

**FET-Proactive**

“top –down” approach; novel non-conventional approaches and foundational research; emerging societal and industrial needs; TIC field:
- emerging themes and communities
- high performance computing

**FET-Flagships**

ambitious large-scale, science-driven, interdisciplinary research initiative

Current: Graphene & Human Brain

WP 2014-15 Open; Proactive (topics defined); Flagships (expressions of interest)

Pending board approval
I.4. Infrastructures
CAPACITIES FP7

Call 1 - Developing new world-class research infrastructures
Call 2 - Integrating and opening research infrastructures of pan-European interest
Call 3 - e-Infrastructures
Call 4 - Support to Innovation, Human resources, Policy and International cooperation

WP 2014-15 Call 1, 2, 3 & 4, various topics depending on the year
Pilar II: Industrial Leadership
II.1. Leadership in enabling and industrial technologies (LEIT)
- ICT
- Nanotechnology
- Advanced materials
- Advanced manufacturing
- SPACE
- Biotechnology

II.2. Access to risk finance
(SMEs & Innovation)

II.3. Innovation in SMEs
II.1. Leadership in enabling and industrial technologies (LEIT)

- ICT
- Nanotechnology
- Advanced materials
- Advanced manufacturing
- SPACE
- Biotechnology

H2020 focus:
- new opportunities for industrial leadership in ICT,
- the mastering and deployment of key enabling technologies: NMP and Bio
- Space

Current EU industrial key competences → important component for KETs

6 selected KETS in 2009:
- nanotechnology, micro-nanoelectronics, advanced materials, photonics, industrial biotechnology and advanced manufacturing systems

Work Programmes address TRLs from 3-4 up to 7-8

- TRL 3 – experimental proof of concept
- TRL 4 – technology validated in lab
- TRL 7 – system prototype demonstration in operational environment
- TRL 8 – system complete and qualified

Pending board approval
LEIT - ICT

- Challenge 1 – A new generation of components and systems
- Challenge 2 - Advanced Computing
- Challenge 3 – Future Internet
- Challenge 4 – Content technologies and information management
- Challenge 5 – Robotics
- Challenge 6 – Micro- and nano-electronic technologies, Photonics
- Challenge FoF: Factories of the Future
- Other actions and activities

WP 2014-15

37 topics
Types of action:
Research & Innovation Actions (100% funding)
Coordination and Support Actions
Innovation Actions (70% funding)
Pre-Commercial Procurement
Pilar II: Industrial Leadership

LEIT - NMP

- Challenge 1: Bridging the gap between nanotechnology research and markets
- Challenge 2: Nanotechnology and Advanced Materials as enablers of applications in Health
- Challenge 3: Nanotechnology and Advanced Materials for low carbon energy technologies and Energy Efficiency
- Challenge 4: Tapping into the cross-sector potential of Nanotechnologies and Advanced Materials to drive competitiveness and sustainability
- Challenge 5: Safety of nanotechnology-based applications and support for the development of regulation
- Challenge 6: Addressing generic needs in support of governance, standards, models and structuring in nanotechnology, advanced materials and production
- Challenge FoF: Factories of the Future
- Challenge EeB: Energy-efficient Buildings
- Challenge SPIRE: Sustainable Process Industries

WP 2014-15

43 topics

Types of action:
Colaborative Projects (100/70% funding)
Coordination Actions

Pending board approval
Pilar II: Industrial Leadership

**LEIT - Biotechnology**

- Challenge 1: Cutting-edge biotechnologies as future innovation drivers
- Challenge 2: Biotechnology-based industrial processes driving competitiveness and sustainability
- Challenge 3: Innovative and competitive platform technologies

**LEIT - Space**

- Call 2 - “Earth Observation” – 2014
- Call 3 - “Competitiveness of the European Space Sector” – 2014
- Call 4 - “Earth Observation” – 2015
- Call 5 - “Competitiveness of the European Space Sector” – 2015
Pilar III: Societal Challenges
Pilar III: Societal Challenges

SC1. Health, demographic change and wellbeing
SC2. Food security, sustainable agriculture, marine and maritime research & the bioeconomy
SC3. Secure, clean and efficient energy
SC4. Smart, green and integrated transport
SC5. Climate action, resource efficiency and raw materials
SC6. Inclusive, innovative and secure societies
SC7. Secure societies
**SC1. Health, demographic change and wellbeing**

1.1. Understanding health, wellbeing and disease
1.2. Effective health promotion, disease prevention, preparedness and screening
1.3. Improving diagnosis
1.4. Innovative treatments and technologies
1.5. Advancing active and healthy ageing
1.6. Integrated, sustainable, citizen-centred care
1.7. Improving health information, data exploitation and providing an evidence base for health policies and regulation aspects
2SC2. Food security, sustainable agriculture, marine and maritime research & the bioeconomy
**SC3. Secure, clean and efficient energy**

3.1. Energy Efficiency (EE)
3.2. Competitive low-carbon energy (LCE)
3.3. Smart cities and communities (SCC)

**SC4. Smart, green and integrated transport**

- **MOBILITY FOR GROWTH**
  1. Aviación → 5 tópicos
  2. Ferroviario → 3 tópicos
  3. Carretera → 6 tópicos
  4. Marítimo → 4 tópicos
  5. Movilidad urbana → 5 tópicos
  6. Logística → 3 tópicos
  7. Sistemas Inteligentes de Transporte (ITS) → 2 tópicos
  8. Infraestructuras → 4 tópicos
  9. Socio-economía → 5 tópicos

- **GREEN VEHICLES → 8 tópicos**

- **SMEs AND FAST TRACK → 2 tópicos**

- **BLUE GROWTH → 3 tópicos**

Pending board approval
SC5. Climate action, resource efficiency and raw materials
5.1. Waste: A Resource to Recycle, Reuse and Recover Raw Materials
5.2. Water Innovation: Boosting its value for Europe
5.3. Growing a Low Carbon, Resource Efficient Economy with a Sustainable Supply of Raw Materials

SC6. Inclusive, innovative and secure societies
6.1. Overcoming the crisis: new ideas, strategies and governance structures for Europe
6.2. Inclusive and sustainable Europe for the young generation
6.3. Reflective societies: cultural heritage and European values and identities
6.4. Europe as a global actor
6.5. Teaming and twinning

SC7. Secure societies
DRS - Disaster Resilience: Safeguarding & securing society, including adapting to climate change
FCT - Fighting against Crime & Terrorism (may include CBRNE)
BES - Border Security & External Security
DS - Digital Security: Cybersecurity, Privacy & Trust
EMaS opportunities

Pilar I: Excellence Science
I.1. Frontier research
I.2. Marie Skłodowska-Curie Actions
I.3. FET (Future & emerging technologies)

Pilar II: Industrial Leadership
II.2. Leadership in enabling and industrial technologies (LEIT)
- ICT
- Nanotechnology
- Advanced materials
- Advanced manufacturing

Pilar III: Societal Challenges

Pending board approval
### I.1. Frontier research: Starting, Consolidator, Advanced grants

### I.2. Marie Skłodowska-Curie Actions

- **Action 1 Early-stage Researchers**
  - Innovative Training Networks (ITN):
    - European Training Networks (ETN)
    - European Industrial Doctorates (EID)
    - European Joint Doctorates (EJD)

- **Action 2 Experienced Researchers**
  - Individual Fellowships (IF):
    - European Reintegration F.: 12-24 months
    - Global F.: 12-24 months + 12 month return in Europe

### I.3. FET

#### 1.3. FET-Open

<table>
<thead>
<tr>
<th></th>
<th>ITN</th>
<th>IF</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Call identifier</strong></td>
<td>H2020-2014-MSCA-ITN</td>
<td>H2020-2014-MSCA-IF</td>
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<tr>
<td><strong>Publication date</strong></td>
<td>11 Dec 2013 2 Sep 2014</td>
<td>11 Dec 2013 12 Nov 2014</td>
</tr>
<tr>
<td><strong>Indicative budget</strong></td>
<td>350 m€ 2014 386 m€ 2015</td>
<td>175 m€ 2014 190 m€ 2015</td>
</tr>
</tbody>
</table>
II.2. Leadership in enabling and industrial technologies (LEIT)

**LEIT - ICT**

37 topics
Ch1. ICT 3 – 2014: Advanced Thin, Organic and Large Area Electronics (TOLAE) technologies
Ch6. CT 25 –2015: Generic micro- and nano-electronic technologies
ICT 26 –2014: Photonics KET
ICT 27 –2015: Photonics KET
ICT 28 –2015: Cross-cutting ICT KETs

**LEIT - NMP**

43 topics
Ch1.
Y2.1-4: Manufacturing and control of nanoporous materials
Y2.1-5: High definition and high throughput 2D & 3D printing of multifunctional materials
Y2.1-6: Synthesis and functionalisation of nanomaterials for printing applications
Y2.1-7: Novel nanomatrices and nanocapsule
<table>
<thead>
<tr>
<th>ICT</th>
<th>2014</th>
<th>2015</th>
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<tbody>
<tr>
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<td>11 Dec 2013</td>
<td>11 Dec 2013</td>
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<td>Deadline(s)</td>
<td>23 Apr 2014</td>
<td>23 Sep 2014</td>
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<tr>
<td>Indicative budget</td>
<td>686.5 m€ 2014, 170 m€ 2015</td>
<td>579 m€</td>
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<table>
<thead>
<tr>
<th>NMP</th>
<th>2014</th>
<th>2015</th>
</tr>
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<tbody>
<tr>
<td>Challenge 1</td>
<td>Y2.1-5; Y2.1-6 (CP 70%)</td>
<td>Challenge 1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Y2.1-7; Y2.1-6 (CP 100%)</td>
</tr>
<tr>
<td>Call identifier</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Publication date</td>
<td>Dec 2013</td>
<td></td>
</tr>
<tr>
<td>Deadline(s)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Indicative budget</td>
<td>52 m€</td>
<td>57 m€</td>
</tr>
</tbody>
</table>

Pending board approval
SC1. Health, demographic change and wellbeing
SC2. Food security, sustainable agriculture, marine and maritime research & the bioeconomy
SC3. Secure, clean and efficient energy
SC4. Smart, green and integrated transport
SC5. Climate action, resource efficiency and raw materials
SC6. Inclusive, innovative and secure societies
SC7. Secure societies
EMaS Strategy

Propostes coordinades per EMaS presentades els últims 6 anys

<table>
<thead>
<tr>
<th>PM</th>
<th>ANY</th>
<th>ACRÒNIM PROPOSTA</th>
<th>PROGRAM</th>
<th>TIPUS PROPOSTA</th>
<th>TEMA</th>
<th>VALORACIÓ</th>
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<tbody>
<tr>
<td></td>
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<td></td>
<td>S&amp;T (TH:4/5)</td>
</tr>
<tr>
<td>7</td>
<td>2008</td>
<td>NAMACO</td>
<td>COOPERATION</td>
<td>CSA</td>
<td>NMP</td>
<td>3,0/5</td>
</tr>
<tr>
<td>7</td>
<td>2009</td>
<td>GANLED</td>
<td>COOPERATION</td>
<td>STREP</td>
<td>ICT</td>
<td>2,5/5</td>
</tr>
<tr>
<td>7</td>
<td>2009</td>
<td>MULTINANOSENS</td>
<td>COOPERATION</td>
<td>SMALL</td>
<td>NMP</td>
<td>2,8/5</td>
</tr>
<tr>
<td>7</td>
<td>2010</td>
<td>GANLED</td>
<td>COOPERATION</td>
<td>SMALL</td>
<td>NMP</td>
<td>3,0/5</td>
</tr>
<tr>
<td>7</td>
<td>2012</td>
<td>OPTIMASS</td>
<td>COOPERATION</td>
<td>SMALL</td>
<td>NMP</td>
<td>3,5/5</td>
</tr>
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<td></td>
<td></td>
<td>3,8/5</td>
</tr>
<tr>
<td>7</td>
<td>2013</td>
<td>Graphemto</td>
<td>PEOPLE</td>
<td>IEF</td>
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<tr>
<td>7</td>
<td>2013</td>
<td>DNMSSSDEMR</td>
<td>PEOPLE</td>
<td>IEF</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>2013</td>
<td>BIOCASILDOTS</td>
<td>PEOPLE</td>
<td>IEF</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

286/344 Pending board approval
EMaS Strategy

debat

1. Estratègia
1.1. Anàlisi d’oportunitats i preparació de propostes en funció de les calls adaptant les línies de recerca del grups (com fins ara).
1.2. Anàlisi d’oportunitats de col·laboració en altres consorcis ja creats (partner search, publicació activa perfil EMaS → alta a diferents bases de dades, grups i eines).
1.3. Crear base de dades de possibles socis (no universitats): centres tecnològics, instituts i empreses a nivell estatal i a nivell europeu.
1.4. Contactar consultories (nacionals/europes)???

2. Visió a curt, mitjà i llarg plaç
2.1. Analitzar i actualitzar les línies de recerca actuals dels 7 grups més actives/productives/que interessin més.
2.2. Prioritzar, que NO ADPTAR, aquelles línies que encaixin en l'esquema de prioritats H2020.
2.3. Màxim matching entre prioritat i línia d’expertise d’EMaS per pensar en coordinar una proposta per maximitzar resultats.
Presentació H2020

Departament d’Enginyeria Química

URV

14 de març de 2014
Índex

• La URV en el 7è PM
• Introducció general a l’H2020
• Preparar i sol·licitar un projecte
• Links d'interès
La URV en el 7è PM
La URV en el 7è PM

Resultats de la participació espanyola en el VII PM

La URV en el 7è PM

En el 2012, a la URV, l’import concedit en projectes del VII PM (4,9M d’€) representa gairebé un 29% dels recursos captats. Ha esdevingut la primera font de finançament extern competitiu per la recerca de la URV.

En 2012, la URV ha signat 19 contractes amb la Comissió Europea, 4 d’ells com a Coordinadora (21%). El pressupost mitjà de la participació de la URV en cada projecte és de 248.000€ per 4 anys.

Origen del finançament captat l’any 2012
La URV en el 7è PM

Recursos del VII Programa marc de la UE

<table>
<thead>
<tr>
<th>Anual</th>
<th>Aumulat</th>
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<tbody>
<tr>
<td>€1,4</td>
<td>M€3,5</td>
</tr>
<tr>
<td>€4,2</td>
<td>M€7,1</td>
</tr>
<tr>
<td>€10,1</td>
<td>M€14,8</td>
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<td>€20,5</td>
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<table>
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<th>2008</th>
<th>2009</th>
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<th>2011</th>
<th>2012</th>
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<td>2</td>
<td>11</td>
<td>15</td>
<td>27</td>
<td>39</td>
<td>58</td>
<td>67</td>
</tr>
</tbody>
</table>

Projeccions aumulats

Departaments implicats

<table>
<thead>
<tr>
<th>2007</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
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<td>2</td>
<td>6</td>
<td>6</td>
<td>12</td>
<td>16</td>
<td>16</td>
<td>17</td>
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</tbody>
</table>
La URV en el 7è PM

- 1.000.000,00
- 2.000.000,00
- 3.000.000,00
- 4.000.000,00
- 5.000.000,00
- 6.000.000,00
- 7.000.000,00

FP3
FP4
FP5
FP6
FP7
OTROS

H2020

Pending board approval
Introducció general a l’H2020

El nou programa marc de l’R+D de la UE 2014 - 2020
Introducció general a l’H2020

The bridge above the Valley of Death*

**TRL**

1. Basic principles observed
2. Technol. concept
3. Proof of Concept
4. Tech. Validation in Lab
5. T. Validation relevant environment
6. Demonstrati on relevant environment
7. D operational environment
8. System complete & qualified
9. Succesful mission operations

**Technological facilities**

**Pilot lines**

**Globally competitive manufacturing facilities**

**Science**

**Technology**

**Products**

**Production**

**Knowledge**

**Valley of Death**

**Market**

Pending board approval
Introducció general a l’H2020

### I. Prioritat Ciència Excel·lent

<table>
<thead>
<tr>
<th>Area</th>
<th>Cost (M€)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Future and Emerging Technologies: FET – Open / FET- Proactive / FET- Flagships</td>
<td>2.696</td>
</tr>
<tr>
<td>Research Infraestructures</td>
<td>2.488</td>
</tr>
<tr>
<td>Marie Slodowska Curies Actions (MSCA)</td>
<td>6.162</td>
</tr>
<tr>
<td>European Research Council (ERC)</td>
<td>13.095</td>
</tr>
<tr>
<td>Total</td>
<td><strong>24.441</strong></td>
</tr>
</tbody>
</table>

### II. Prioritat Lideratge Industrial

<table>
<thead>
<tr>
<th>Area</th>
<th>Cost (M€)</th>
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</thead>
<tbody>
<tr>
<td>Leadership in Enabling and Industrial Technologies (LEIT)</td>
<td><strong>13.557</strong></td>
</tr>
<tr>
<td>- Tecnologies de la informació i la comunicació</td>
<td></td>
</tr>
<tr>
<td>- Nanotecnologies</td>
<td></td>
</tr>
<tr>
<td>- Materials Avançats</td>
<td></td>
</tr>
<tr>
<td>- Fabricació i processos avançats</td>
<td></td>
</tr>
<tr>
<td>- Biotecnologia</td>
<td></td>
</tr>
<tr>
<td>- Espai</td>
<td></td>
</tr>
<tr>
<td>Access to risk Finance</td>
<td>2.842</td>
</tr>
<tr>
<td>Innovation in SMEs</td>
<td>616</td>
</tr>
<tr>
<td>Total</td>
<td><strong>17.016</strong></td>
</tr>
</tbody>
</table>

**KETs**
### III. Prioritat Reptes Socials

<table>
<thead>
<tr>
<th>Prioritat</th>
<th>Pressupost (M€)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Salut, canvi demogràfic i benestar</td>
<td>7.472 M€</td>
</tr>
<tr>
<td>2. Seguretat alimentària, agricultura sostenible, investigació marina i marítima i bioeconomia</td>
<td>3.851 M€</td>
</tr>
<tr>
<td>3. Energia segura, neta i eficient</td>
<td>5.931 M€</td>
</tr>
<tr>
<td>4. Transport intel·ligent, ecològic i integrat</td>
<td>6.339 M€</td>
</tr>
<tr>
<td>5. Acció pel clima, eficiència dels recursos i matèries primes</td>
<td>3.081 M€</td>
</tr>
<tr>
<td>6. Societats inclusives, innovadores i reflexives</td>
<td>1.309 M€</td>
</tr>
<tr>
<td>7. Societats segures</td>
<td>1.695 M€</td>
</tr>
<tr>
<td>Ciència per i amb la societat</td>
<td>462 M€</td>
</tr>
<tr>
<td>Institut Europeu d'Innovació i Tecnologia (EIT) – KICs</td>
<td>2.711 M€</td>
</tr>
<tr>
<td>Accions directes no nuclears de Centre Comú d’Investigació (JRC)</td>
<td>1.903 M€</td>
</tr>
<tr>
<td>Pressupost previst per tot el programa 2014 -2020</td>
<td>77.028 M€</td>
</tr>
</tbody>
</table>
Introducció general a l’H2020

MSCA in Horizon 2020: 4 Actions

- **ITN**
  - Action 1 **ITN**
  - Early-stage Researchers

- **IEF**
  - Action 2 **IF**
  - Experienced Researchers

- **IOF**

- **IIF**

- **CIG**

- **IAPP**

- **IRSES**

- **COFUND**
  - Action 4 **COFUND**
  - Education and Culture

**Innovative Training Networks**
Support for doctoral and initial training:
- European Training Networks, European Industrial Doctorates, European Joint Doctorates

**Individual Fellowships**
Support for experienced researchers undertaking international and inter-sector mobility:
- European Fellowships and Global Fellowships
  - Dedicated support for career restart and reintegration

**Research and Innovation Staff Exchange**
International and inter-sector cooperation through the exchange of staff

**Co-funding of regional, national and international programmes:**
- Doctoral programmes
- Fellowship programmes

### Introducció general a l’H2020

#### Deadlines MSCA 2014 - 2015

<table>
<thead>
<tr>
<th>Tipus</th>
<th>Característiques</th>
<th>Data obertura convocatòria</th>
<th>Data tancament</th>
</tr>
</thead>
</table>
| **Innovative Training Networks (ITN)**     | European Training Networks (ETNs)  
European Industrial Doctorates (EIDs)  
Join Doctorates (EJD)                    | 11 Des 2013  
02 Sept 2014                             | 9 April 2014  
13 Jan 2015                              |
| **Individual Fellowships (IFs)**           | Support for Experienced researchers undertaking an inter-sector mobility  
European (EF)  
Reintegration (RF)  
Global (GF)                               | 12 March 14  
12 Mar 15 →                                | 11 Sept 14  
10 Sept 15                                |
| **Co-Funding of Regional, national and international programmes (COFUND)** | Doctoral Programs + Fellowship programmes                                         | 10 April 2014  
14 April 2015                             | 02 Oct 2014  
01 Oct 2015                              |
| **Research & Innovation Staff Exchange (RISE)** | International and inter-sector cooperation through the exchange of staff. Joint Research and Innovation Programs (Academia and non Academia), intersectorial, SMEs | 11 Des 2014  
06 Jan 2014                               | 24 April 2014  
28 April 2015                             |
Introducció general a l’H2020

Starting Grants
starters
(2-7 years after PhD) up to € 2,0 M€ (1,5 + 0,5M€)
for 5 years

Consolidator Grants
consolidators
(7-12 years after PhD) up to € 2,75 M€ (2,0 + 0,75M€) for 5 years

Advanced Grants
track-record of significant research achievements in the last 10 years up to € 3,5 M€ (2,5+1,0M€) for 5 years

Synergy Grants
2 – 4 Principal Investigators
up to € 15.0 M€ for 6 years

Proof-of-Concept
bridging gap between research - earliest stage of marketable innovation up to €150,000 for ERC grant holders

http://eshorizonte2020.es/ciencia-excelente/consejo-europeo-de-investigacion-erc
**Introducció general a l’H2020**

**Deadlines i budgets ERCs 2014**

<table>
<thead>
<tr>
<th></th>
<th>Starting Grant</th>
<th>Consolidator Grant</th>
<th>Advanced Grant</th>
<th>Proof of Concept Grant</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>2014</strong></td>
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<tr>
<td><strong>Call identifier</strong></td>
<td>ERC-2014-StG</td>
<td>ERC-2014-CoG</td>
<td>ERC-2014-AdG</td>
<td>ERC-2014-PoC</td>
</tr>
<tr>
<td><strong>Date of publication</strong></td>
<td>11 December 2013</td>
<td>11 December 2013</td>
<td>17 June 2014</td>
<td>11 December 2013</td>
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<tr>
<td><strong>Deadline(s)</strong></td>
<td>25 March 2014</td>
<td>20 May 2014</td>
<td>21 October 2014</td>
<td>01 April 2014</td>
</tr>
<tr>
<td><strong>Budget million EUR (estimated number of grants)</strong></td>
<td>485 (370)</td>
<td>713 (401)</td>
<td>450 (200)</td>
<td>15 (100)</td>
</tr>
</tbody>
</table>

Existeix un fòrum URV per a suport de tots els candidats a ERC Grants
Introducció general a l’H2020

2 PILLAR. Industrial leadership and competitive frameworks
- Access to risk finance
- Innovation in SMEs
- LEIT-Information and communication technologies (ICT)
- LEIT-Nanotechnologies
- LEIT-Space
- LEIT- Advanced materials
- LEIT-Advanced manufacturing and processing
- LEIT-Biotechnology

3 PILLAR. Tackling Societal Challenges
- Health, demographic change and wellbeing
- Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy
- Secure, clean and efficient energy
- Smart, green and integrated transport
- Climate action, environment, resource efficiency and raw materials
- Europe in a changing world – inclusive, innovative and reflective Societies
- Secure societies

Introducció general a l’H2020

**BENEFICIARIOS**
Toda entidad legal con personalidad jurídica que cumpla con los requisitos establecidos en las Reglas de Participación (RfP) y en los Programas de Trabajo (WP) correspondientes.

**REQUISITOS DE PARTICIPACIÓN**
Mínimo 3 entidades legales independientes de 3 Estados Miembros (EM) o Estados Asociados (EA) diferentes (*)

**MODELO DE FINANCIACION... SIMPLIFICADO**
- ✓ SUBVENCIONES como principal instrumento de financiación,
- ✓ REEMBOLSO DE GASTOS REALES como método principal de financiación.

<table>
<thead>
<tr>
<th>Tipo de ENTIDAD</th>
<th>Tipo de ACCIÓN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non- Profit</td>
<td>Research and Innovation</td>
</tr>
<tr>
<td>Profit</td>
<td>Innovation actions</td>
</tr>
</tbody>
</table>

**COSTES INDIRECTOS:** Tipo fijo de 25%

Projectes Col·laboratius Clàssics:
- ✓ Research & Innovation Actions (RIA)
- ✓ Innovation Actions (IA)

Pending board approval
Introducció general a l’H2020

PM H2020 y sus proyectos

- Resolución de problemas
- Novedad e Impacto transnacional
- IDT propia o contratada a terceros
- Compartir recursos y conocimientos
- ≥ 2 años, subv. media 316 k€ (252 k€ PYME)*
- 5-7 países; 3,7 M€; 11,5 socios (grupos de investigación + empresas + usuarios)**
- Plan de Explotación claro
- Presentación de propuestas SÓLO Electrónica

“Tiempo objetivo de puesta en marcha 8 meses”

*Datos para España VII PM Cooperación. Fuente CE, CDTI
**Sixth FP7 Monitoring report 2012 grants. Cooperación
Introducción general a l’H2020

PM evaluación de los proyectos

- Excelencia científica y/o tecnológica (relevancia)
- Impacto potencial mediante demostración, difusión y aplicación de resultados
- Calidad y eficiencia del desarrollo del proyecto y de su gestión.

O Umbral mínimo 10
O El Plan de trabajo puede especificar criterios adicionales, umbrales y ponderación

*Tasa de Aprobación**
- Cooperación: 19%
- Ideas: 13%
- Personas: 24%

**Sixth FP7 Monitoring report 2012 propuestas

*Explotación & difusión de los resultados; género

Pending board approval
Preparar i sol·licitar un projecte
Preparar i sol·licitar un projecte

Començar amb una ‘One Page Proposal’

<table>
<thead>
<tr>
<th>Role of the One Page Proposal</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Self</strong></td>
<td>Put complex concept on paper</td>
</tr>
<tr>
<td><strong>Advisor</strong></td>
<td>Discuss idea with Research Support Services</td>
</tr>
<tr>
<td><strong>NCP/ National Delegate</strong></td>
<td>Discuss idea with NCP Get topic into next Call for Proposals</td>
</tr>
<tr>
<td><strong>Project Officer</strong></td>
<td>Discuss idea with Project Officer of topic Help select appropriate evaluators</td>
</tr>
<tr>
<td><strong>Partners/ Competitors</strong></td>
<td>Discuss idea with potential partners (While being careful they are not competitors)</td>
</tr>
<tr>
<td><strong>Abstract</strong></td>
<td>The One Page Proposal leads to the Abstract</td>
</tr>
</tbody>
</table>

Font de la bona pràctica: Sean McCarthy (Hyperion)
Preparar i sol·licitar un projecte

<table>
<thead>
<tr>
<th>Structure: One Page Proposal</th>
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<tbody>
<tr>
<td>Number</td>
</tr>
<tr>
<td>Topic/Grant</td>
</tr>
<tr>
<td>Title</td>
</tr>
<tr>
<td>Objective</td>
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<tr>
<td>Background</td>
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<tr>
<td>Results</td>
</tr>
<tr>
<td>Phases</td>
</tr>
<tr>
<td>Consortium</td>
</tr>
<tr>
<td>Cost/Duration</td>
</tr>
</tbody>
</table>
Preparar i sol·licitjar un projecte

Notes a tenir en compte alhora d’escriure la secció d’IMPACTE

5 punts sobre 15

2. Impact

Fitxa dels criteris d’avaluació d’Impacte dels avaluadors

Note: The following aspects will be taken into account, to the extent to which the outputs of the project should contribute at the European and/or International level:

- The expected impacts listed in the work programme under the relevant topic;
- Enhancing innovation capacity and integration of new knowledge;
- Strengthening the competitiveness and growth of companies by developing innovations meeting the needs of European and global markets, and where relevant, by delivering such innovations to the markets;
- Any other environmental and socially important impacts;
- Effectiveness of the proposed measures to exploit and disseminate the project results (including management of IPR), to communicate the project, and to manage research data where relevant.
Questions to Assess ‘Impact’

What will come out of your project (‘Expected Results’)

Who wants these results? (‘Lead Users’ or ‘Lead Stakeholder’)

Why do they (Lead User) want the results?

How do you plan to tell the ‘Lead Users’ about the results?

What further development (steps) will be needed?
Preparar i sol·licitar un projecte

From Input to Output to Outcome to Impact

<table>
<thead>
<tr>
<th>Inputs</th>
<th>Project Activities</th>
<th>Research Outputs</th>
<th>Outcomes (Short Term)</th>
<th>Impact (Long Term)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Money</td>
<td>Identify Polymer</td>
<td>Prototype of a low cost Sensor to measure hydrocarbons</td>
<td>New infrared sensor on the market (&lt;€50 &lt;1000 \text{ ppb})</td>
<td>Reduce the cost of monitoring hydrocarbons in water.</td>
</tr>
<tr>
<td>Resources</td>
<td>Develop Sensor</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Knowledge</td>
<td>Document Design</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Collect Data</td>
<td>Sensor Performance Data</td>
<td>-Factual Data TC147 -Calibration Curve</td>
<td>Better quality water due to higher accuracy.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Preparar i sol·licitar un projecte

Altres aspectes a tenir en compte:

Próyectos colaborativos

Participar en un proyecto colaborativo implica compartir conocimientos, no sólo en relación con los resultados que vamos a obtener, sino también a la propiedad intelectual que, como participantes, vamos a aportar al proyecto para alcanzar los objetivos.
Preparar i sol·licitar un projecte

• **PROPIEDAD DE LOS RESULTADOS**
  • Los conocimientos resultantes del proyecto son **PROPIEDAD de el(los) participante(s) que los ha(n) generado**.
  • **Novedad H2020**: cambio terminología Foreground por Results

• **PROPIEDAD DEL BACKGROUND**
  • Cada Beneficiario es y continua siendo el propietario de su **background**, incluso si contribuye con él al proyecto o ha concedido derechos de acceso a otros Beneficiarios.
  • **Novedad H2020**: Obligación para los participantes de definir por escrito el Background que aportan al proyecto

• **PROTECCIÓN DE LOS RESULTADOS**
  • Si es **posible, razonable y justificado**, cada participante debe proteger adecuadamente sus resultados
  • **Novedad H2020**: Obligación de informar a la CE si hay intención de abandonar la protección o no extenderla

• **EXPLOTACIÓN DE LOS RESULTADOS**
  • Los participantes harán lo posible (**best efforts**) para explotar sus resultados directa o indirectamente
  • **Novedad H2020**: Obligaciones adicionales de explotación se pueden incluir en el GA

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Preparar i sol·licitar un projecte

PRINCIPALES ROLES

PIC-CODE: Identificador único por beneficiario que participa en H2020. ECAS facilita la búsqueda del PIC, que permite incorporar directamente la información legal del beneficiario.

Representante/s Legal/es: Aquellas personas con capacidad para asumir derechos y obligaciones en nombre del beneficiario.

LEAR: Persona autorizada por el representante legal para poder dar información a nivel beneficiario.

Coordinator Contact (CoCo): Persona responsable de la coordinación de una acción (normalmente en consorcio).

Participant Contact (PaCo): Persona responsable a nivel proyecto en la organización.
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**Procés de Sol·licitud:**

El Participant Portal

Preparar i sol·licitar un projecte

Participant Portal: Log In

Log in with the European Commission Authentication Service (ECAS)

Login with your ECAS account.  Create one if you don’t have any.

Select 'External' domain, if you do not work for the Institutions of the EU.
Preparar i sol·licitar un projecte

Resultat de la cerca utilitzant el filtr de "water"

convocatòries
Preparar i sol·licitar un projecte

Cada una de les convocatòries que hem vist en la diapositiva anterior pot tenir un o diversos topics.

Cliquem a sobre del que ens interessa, i accedim a la informació i documentació del topic, així com al servei electrònic de sol·licitud, a través de l’ECAS.
The new proposal submission service

After login you will arrive at the new electronic proposal service. This wizard will help you to create and submit a proposal step by step.

1. Progress bar (not clickable)
2. Action buttons
3. ID card of your proposal
4. Compatibility results
5. Navigation buttons

Preparar i sol·licitar un projecte
Preparar i sol·licitar un projecte

Steps for the submission of proposals

Instrument selection -> Pre-registration -> Consortium set-up

Edit Proposal & Submission -> Filling in Forms -> Submitted proposal

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**Step 6: Submit your proposal**

A confirmation message is displayed when your proposal is successfully submitted. This confirmation message will also be sent to your e-mail address.

Before the deadline of your call you can:
- Re-edit your proposal,
- Withdraw your proposal,
- Download a digitally signed, time-stamped version of your proposal – this function is available up to 90 days after call closure.
Preparar i sol·licitar un projecte

Un darrer consell, inscriviu-vos com a experts!!

Who can be an expert?
You have a chance of being selected as an expert if you:
- have high-level of expertise in the relevant fields of research and innovation (see call for details on types of expertise).
- can be available for occasional, short-term assignments

What do expert assignments involve?
Experts, as peer reviewers, assist in the:
- evaluation of proposals
- monitoring of actions

In addition, experts assist in the:
- preparation, implementation or evaluation of programmes and design of policies. This includes the Horizon 2020 Advisory Groups.

Assignments mainly concern research and innovation, falling within the Horizon 2020 programme designed to address the challenges Europe is facing through funding excellent science, technology and innovation.

Take a look at the most recently funded projects.

**Documentació i links d'interès**

**Documentació:**

Plantilla (Part A i B) de la memòria tècnica de les accions ‘Research & Innovation Actions’ i ‘Innovation Actions’:


Tota la documentació oficial publicada
Enllaços a webs:

Llistes de distribució del CDTI (Informació H2020, a temps i indispensable a la teva safata d'entrada)
http://www.cdti.es/index.asp?MP=8&MS=69&MN=2&r=1280*800

H2020, web espanyola de MINECO
http://eshorizonte2020.es/

H2020, web oficial de la Comissió Europea

Participant Portal

Manual H2020 on line
http://ec.europa.eu/research/participants/docs/h2020-funding-guide/index_en.htm
Enllaços a webs:

Llistat de Punts de Contacte Nacionals

Directori de la Comissió Europea

ECAS (European Comission Authentication Service)
https://ecas.ec.europa.eu/cas/login?domain=external&loginRequestId=ECAS_LR-3122501-zzmEZBleBPgErkXXTguAfaGc9EFKEdag2aiSRXWizdWVzpQ3bTES41zXhs5zzoc3zcKlnWMejTFcJlNdvb77jNis-Jj71zxYb8yrhzXnJsJFlwc-X50dllyAHu2T6iM8m25Si9tWfoeVzzVeHJMm9ZN3E4640
Moltes Gràcies

Dani Ferrer Guallar
Oficina Tarragona Regió del Coneixement
Gestor de projectes R+D+i
Tels: 977 55 81 92 – 690 940 838
Ed. Rectorat, c. de l’Escorxador, s/n
43003 Tarragona
www.regioconeixement.cat
Presentació Horitzó 2020 i altres programes d’interès de la Comissió Europea
HORIZON 2020 – DG RESEARCH AND INNOVATION

El nou programa marc de l’R+D de la UE 2014 - 2020
## PRESSUPOST (1):

<table>
<thead>
<tr>
<th>I. Prioritat Ciència Excel·lent</th>
<th>24.441 M€</th>
</tr>
</thead>
<tbody>
<tr>
<td>Future and Emerging Technologies: FET – Open / FET- Proactive / FET- Flagships</td>
<td>2.696 M€</td>
</tr>
<tr>
<td>Research Infraestructures</td>
<td>2.488 M€</td>
</tr>
<tr>
<td>Marie Skłodowska Curies Actions (MSCA)</td>
<td>6.162 M€</td>
</tr>
<tr>
<td>European Research Council (ERC)</td>
<td>13.095 M€</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>II. Prioritat Lideratge Industrial</th>
<th>17.016 M€</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leadership in Enabling and Industrial Technologies (LEIT)</td>
<td>13.557 M€</td>
</tr>
<tr>
<td><strong>Tecnologies de la informació i la comunicació</strong></td>
<td></td>
</tr>
<tr>
<td>- Nanotecnologies</td>
<td></td>
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<tr>
<td>- Materials Avançats</td>
<td></td>
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<tr>
<td>- Fabricació y processos avançats</td>
<td></td>
</tr>
<tr>
<td>- Biotecnologia</td>
<td></td>
</tr>
<tr>
<td>- Espai</td>
<td></td>
</tr>
<tr>
<td>Access to risk Finance</td>
<td>2.842 M€</td>
</tr>
<tr>
<td>Innovation in SMEs</td>
<td>616 M€</td>
</tr>
</tbody>
</table>

Pending board approval
<table>
<thead>
<tr>
<th>III. Prioritat Reptes Socials</th>
<th>29.679 M€</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Salut, canvi demogràfic i benestar</td>
<td>7.472 M€</td>
</tr>
<tr>
<td>2. Seguretat alimentària, agricultura sostenible, investigació marina i marímita i bioeconomia</td>
<td>3.851 M€</td>
</tr>
<tr>
<td>3. Energia segura, neta i eficient</td>
<td>5.931 M€</td>
</tr>
<tr>
<td>4. Transport intel·ligent, ecològic i integrat</td>
<td>6.339 M€</td>
</tr>
<tr>
<td>5. Acció pel clima, eficiència dels recursos i matèries primes</td>
<td>3.081 M€</td>
</tr>
<tr>
<td>6. Societats inclusives, innovadores i reflexives</td>
<td>1.309 M€</td>
</tr>
<tr>
<td>7. Societats segures</td>
<td>1.695 M€</td>
</tr>
<tr>
<td>Ciència per i amb la societat</td>
<td>462 M€</td>
</tr>
<tr>
<td>Institut Europeu d'Innovació i Tecnologia (EIT) – KICs</td>
<td>2.711 M€</td>
</tr>
<tr>
<td>Accions directes no nuclears de Centre Comú d'Investigació (JRC)</td>
<td>1.903 M€</td>
</tr>
<tr>
<td>Pressupost previst per tot el programa 2014 -2020</td>
<td>77.028 M€</td>
</tr>
</tbody>
</table>
MARIE SKLODOWSKA-CURIE ACTIONS

MSCA in Horizon 2020: 4 Actions

ITN → Action 1 ITN
Early-stage Researchers

IEF → Action 2 IF
Experienced Researchers

IOF →

IIF →

CIG →

IAPP → Action 3 RISE
Exchange of Staff

IRSES →

COFUND → Action 4 COFUND

Innovative Training Networks
Support for doctoral and initial training:
European Training Networks, European Industrial Doctorates, European Joint Doctorates

Individual Fellowships
Support for experienced researchers undertaking international and inter-sector mobility:
European Fellowships and Global Fellowships
Dedicated support for career restart and reintegration

Research and Innovation Staff Exchange
International and inter-sector cooperation through the exchange of staff

Co-funding of regional, national and international programmes:
- Doctoral programmes
- Fellowship programmes

Enllaç al programa de treball:

09/04/2014
# MARIE SKLODOWSKA-CURIE ACTIONS (Deadlines)

<table>
<thead>
<tr>
<th>Tipo</th>
<th>Características</th>
<th>Data obertura convocatòria</th>
<th>Data tancament</th>
</tr>
</thead>
<tbody>
<tr>
<td>Innovative Training Networks (ITN)</td>
<td>European Training Networks (ETNs) European Industrial Doctorates (EIDs) Join Doctorates (EJD)</td>
<td>11 Des 2013 02 Sept 2014</td>
<td>9 April 2014 13 Jan 2015</td>
</tr>
<tr>
<td>Individual Fellowships (IFs)</td>
<td>Support for Experienced researchers undertaking an inter-sector mobility European (EF) Reintegration (RF) Global (GF)</td>
<td>12 March 14 12 Mar 15</td>
<td>11 Sept 14 10 Sept 15</td>
</tr>
<tr>
<td>Co-Funding of Regional, national and international programmes (COFUND)</td>
<td>Doctoral Programs + Fellowship programs</td>
<td>10 April 2014 14 April 2015</td>
<td>02 Oct 2014 01 Oct 2015</td>
</tr>
<tr>
<td>Research &amp; Innovation Staff Exchange (RISE)</td>
<td>International and inter-sector cooperation through the exchange of staff. Joint Research and Innovation Programs (Academia and non Academia), intersectorial, SMEs</td>
<td>11 Des 2014 06 Jan 2014</td>
<td>24 April 2014 28 April 2015</td>
</tr>
</tbody>
</table>

Pending board approval
Societal Challenge 6: Europe in a changing world – inclusive, innovative and reflective Societies

<table>
<thead>
<tr>
<th>Calls 2014/2015</th>
<th>Año de publicación</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Superando la crisis (estrategias y estructuras de gobernanza para Europa)</td>
<td>2014</td>
</tr>
<tr>
<td>2. La generación de los jóvenes (mercado de trabajo, movilidad, inclusión)</td>
<td>2014</td>
</tr>
<tr>
<td>3. Sociedades reflexivas (patrimonio cultural e identidades europeas)</td>
<td>2014/2015</td>
</tr>
<tr>
<td>4. Europa como actor global (apoyo a la política exterior de la UE y aumento de la cooperación internacional)</td>
<td>2015</td>
</tr>
<tr>
<td>5. Nuevas formas de innovación (modelos de negocio, innovación social, innovación en el sector público).</td>
<td>2014/2015</td>
</tr>
</tbody>
</table>

## Ciència amb i per la societat

### Calls 2014/2015

<table>
<thead>
<tr>
<th>Description</th>
<th>Año de publicación</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Haciendo la educación científica y las carreras de Ciencias atractivas para los jóvenes</td>
<td>2014/2015</td>
</tr>
<tr>
<td>2. Promoviendo la igualdad de género en investigación e innovación</td>
<td>2014/2015</td>
</tr>
<tr>
<td>3. Integrando a la sociedad en la ciencia y la innovación</td>
<td>2014/2015</td>
</tr>
<tr>
<td>4. Desarrollando la gobernanza para el avance de la investigación y la innovación responsable</td>
<td>2014/2015</td>
</tr>
<tr>
<td>5. Actividades estratégicas</td>
<td>2014/2015</td>
</tr>
</tbody>
</table>

**Enllaç al programa de treball:**

Horizon 2020 – DG Research and Innovation

Enllaç **darrera publicació** de la Comissió Europea DG R&I amb el **llistat dels projectes europeus 7PM finançats en l’àmbit de les Ciències Sòcio-econòmiques i Humanitats**:


**Punt de Contacte Nacional (NCP):**

**Rocío Castrillo Cancela**

*Fundación Española para la Ciencia y la Tecnología (FECYT)*

E-mail (temporal): rocio.castrillo@fecyt.es
Programes d’interès d’altres Direccions Generals de la Comissió Europea
✓ DG JUSTICE: Fundamental Rights and Citizenship (FRC)

✓ DG EMPLOYMENT, SOCIAL AFFAIRS & INCLUSION: Support for Social Dialogue
http://ec.europa.eu/social/main.jsp?catId=629&langId=en&callId=402&furtherCalls=yes

✓ DG EDUCATION & CULTURE (Organismo Autónomo Programas Educativos Europeos): ERASMUS +, Acción clave 2 (KA2)-Cooperación para la innovación y las buenas prácticas - Asociaciones estratégicas (Asociaciones para la cooperación entre Instituciones)
http://www.oapee.es/oapee/inicio/ErasmusPlus/KA2.html
DG JUSTICE: Fundamental Rights and Citizenship (FRC)

Call Identifier: JUST/2013/FRC/AG/

Priority areas: Rights of the child, Charter of Fundamental Rights, racism and xenophobia, homophobia, Training and networking, Awareness-raising...
Deadline: 12/03/2014 (TANCADA, però és d’interès conèixer-la per què des de 2007 que s’ha publicat anualment)
Overall Budget: EUR 10,900,000
Minimum limit: the grant applied for cannot be less than EUR 75.000
Start and Duration: always after the submission and duration not exceeding 24 months
Funding: no more than 80% of the eligible costs
Consortia: at least 2 partners from 2 different countries
Beneficiaries: European Non-profit bodies

Contact, Head of Sector – Programmes: Ms T. SCHROETER
Link to directory (Head, managers and assistants):
DG EMPLOYMENT, SOCIAL AFFAIRS & INCLUSION: Support for Social Dialogue

Call Identifier: VP/2014/001

Objectives: include measures and initiatives related to the adaptation of social dialogue to changes in employment and work and related challenges, such as addressing modernisation of the labour market, quality of work, anticipation...

Deadline: 2 May and 25 August 2014

Overall Budget: EUR 8,500,000

Minimum limit: the grant applied for cannot be less than EUR 108,000

Start and Duration: always after the submission and duration not exceeding 24 months

Funding: up to 90% (95% exclusively for some specific cases)

Consortia: at least 2 partners from 2 different countries

Beneficiaries: Social partners, Organisations linked to industrial relations (universities...), Public authorities, International organisations...

Contact, Head of Unit – European Social Dialogue: Mr Jean-Paul TRICART

Link to directory (Head, managers and assistants):
DG EDUCATION & CULTURE (Organismo Autónomo Programas Educativos Europeos - OAPEE): ERASMUS +, Acción clave 2 (KA2)-Cooperación para la innovación y las buenas prácticas - Asociaciones estratégicas (Asociaciones para la cooperación entre Instituciones)

Asociaciones: entre universidades, centros de formación profesional, organizaciones no gubernamentales (ONGs), industrias creativas pequeñas y medianas para promover la transición de la educación y la formación al empleo autónomo, a través de cursos y programas de estímulo de la creatividad y el espíritu empresarial...

Fecha límite de solicitud: 30 de abril (12 horas)
Financiación máxima: 150.000 €
Duración: 2 o 3 años
Consorcio: Al menos 3 instituciones de 3 países del programa
Solicitante: cualquier institución de un país del programa

Contacto: Organigrama OAPEE:
http://www.oapee.es/oapee/inicio/oapee/organigrama.html
Enllaços a altres programes d’interès

- Culture: Cooperation projects (per a la vessant més d'antropologia pura i evolució)

- Europe for citizens (aproximació ciutadania i UE)

- Capacity-building projects in higher education (antics erasmus mundus multilateral projects, alfa, edulink, orientació de cooperació internacional en educació superior)

- Capacity-building in the field of youth (per a la vessant joventut)

- COST (cooperació entre científics i investigadors de tot Europa)
  [http://www.cost.eu/domains_actions/isch/Actions/IS1102](http://www.cost.eu/domains_actions/isch/Actions/IS1102)
Contactes dels serveis URV d’informació i suport a la participació

R+D+i a la URV

✓ H2020 i altres programes:
Joaquim Solana – SGR
Tel. 977 55 88 31
joaquim.solana@urv.cat

✓ Erasmus +
Laia Grau – SGR
Tel. 977 25 65 98
laia.grau@urv.cat

Suport R+D+i, per a empreses
i institucions del territori

www.regioconeixement.cat
Dani Ferrer
Tel. 977 55 81 92
daniel.ferrer@fundacio.urv.cat
Moltes Gràcies

Ignasi Salvadó – Dani Ferrer

daniel.ferrer@fundacio.urv.cat
Tel: 977 55 81 92
Ed. Rectorat, c. de l’Escorxador, s/n
43003 Tarragona
www.regioconeixement.cat