



European
Commission



EU Publications

ESOF 2016

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*Research and
Innovation*



<http://bit.ly/24qGmky>



A Bioeconomy Strategy for Europe, working with nature for a more sustainable way of living

Greater use of renewable resources is no longer just an option, it is a necessity. We must drive the transition from a fossil-based to a bio-based society, with research and innovation as the motor.



<http://bit.ly/23X3ukR>



Annual Report on the ERC activities and achievements in 2015

2015 was a very fruitful year for the ERC, fulfilling its core mission to support ambitious projects proposed by scientists.



<http://bit.ly/11d0Myr>



Communicating EU research and innovation guidance for project participants

This guide will assist Horizon 2020 projects to communicate strategically about their research. It gives a clear overview as to why strategic communication is useful and beneficial and is meant to inspire by some good practices emanating from fellow project coordinators.

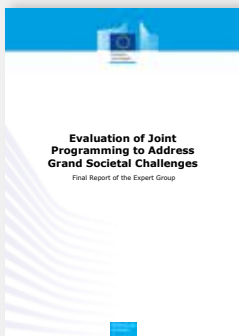


<http://bit.ly/1TZ2Kcb>



ERC Grant Schemes

The European Research Council (ERC) aims to support the best and most creative scientists to identify and explore new opportunities and directions in any field of research without thematic priorities.



<http://bit.ly/1SXa5fe>



Evaluation of Joint Programming to Address Grand Societal Challenges

Evaluation of Joint Programming to Address Grand Societal Challenges - Final Report of the Expert Group published.

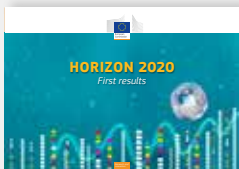


<http://bit.ly/1TYDlwh>



Gendered Innovations – How Gender Analysis Contributes to Research

Opinion polls suggest that women are less interested in innovation than men. The explanation surely lies elsewhere: do today's innovations really respond adequately to women's needs and expectations? In too many cases they do not.



<http://bit.ly/1W4oDKX>



Horizon 2020

First results

This publication presents the results of Horizon 2020's first 100 calls for proposals, which closed by 1 December 2014.



<http://bit.ly/1I5y6AC>



Horizon 2020 in brief

pocket guide

Horizon 2020 is the biggest EU Framework Programme for Research and Innovation. This guide explains the programme in more detail.



<http://bit.ly/1X8wKVY>



Innovating for Sustainable Growth, a Bioeconomy for Europe

The European Commission adopted the strategy "Innovating for Sustainable Growth: A Bioeconomy for Europe" proposes a comprehensive approach to address the ecological, environmental, energy, food supply and natural resource challenges that Europe and indeed the world are facing already today.



<http://bit.ly/1OBN4aM>



Investing in European success Issue 2

Building on the success of previous research framework programmes, this brochure presents a selection of results from EU funded projects that have shown great strides in innovation, which will make a positive change to our daily lives.



<http://bit.ly/1V8XJfN>



JRC Annual Report 2015

Report on the activities, accomplishments and resources related to the JRC's work carried out in 2015. An overview is given of the scientific achievements and activities.



<http://bit.ly/1AeJEDG>



Marie Skłodowska-Curie actions A pocket guide: Your passport to a successful research career

The EU's Marie Skłodowska-Curie actions fund all kinds of opportunities for researchers. So which is the right Marie Skłodowska-Curie action for you? This starter booklet gives you just enough information to make the right choice.



<http://bit.ly/1W4nP8P>



Open Innovation, Open Science, Open to the World – a vision for Europe

This book brings together some of the key conceptual insights behind Open Innovation, Open Science and Open to the World and highlights actions that are already taking place or are being prepared.



<http://bit.ly/1TpQXDL>



RESAVER Retirement Savings Vehicle For European Research Institutions

Researchers face difficulties in preserving their supplementary pension benefits when moving between different countries. To overcome this problem, the EU supports a consortium of employers in creating a single European pension arrangement (RESAVER) that will offer a defined contribution plan, tailor-made for research organisations and their employees.



<http://bit.ly/1W4sNC0>



Research on Migration Facing Realities and Maximising Opportunities: a Policy Review

Synthesises the main findings from several European projects on migration. Where possible, these findings are matched, or occasionally contrasted, with key insights from the wider research literature on migration and with policy documents.

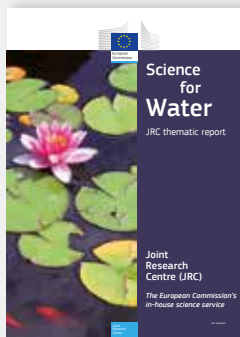


<http://bit.ly/1OHRbHB>



Responsible Research and Innovation leaflet

As Europe 2020 strategy makes clear, to overcome the current economic crisis we need to create a smarter, greener economy, where our prosperity will come from research and innovation.

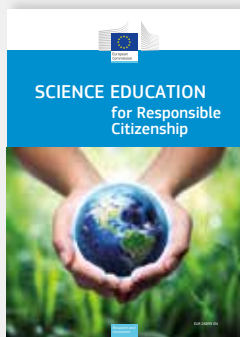


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Science for Water

This report aims to give a comprehensive overview of the work of the Commission's in-house science service, the Joint Research Centre (JRC), in relation to global water challenges.

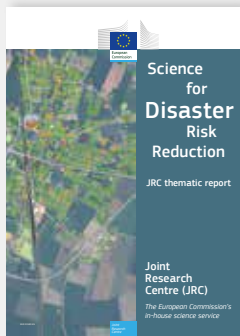


<http://bit.ly/1TZbTl3>



Science Education for Responsible Citizenship

This expert report identifies the main issues involved in helping all citizens acquire the necessary knowledge about science to participate actively and responsibly in science-informed decision-making and knowledge-based innovation.

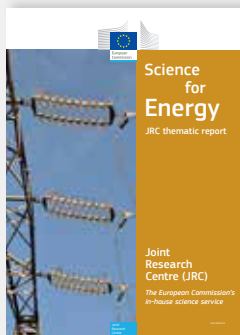


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Science for Disaster Risk Reduction

This report aims at giving a comprehensive overview of the work of the Commission's in-house science service, the Joint Research Centre (JRC), in relation to disaster risk reduction and response.

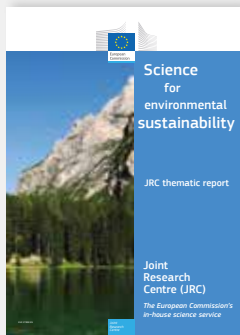


<http://bit.ly/1rTupCl>



Science for Energy

The Joint Research Centre (JRC) provides scientific support to energy policy in a vast array of research areas, such as gas, oil, unconventional sources, nuclear energy, 'intelligent' systems for power transmission and distribution, biofuels and bioenergy, hydrogen, photovoltaic systems and energy efficiency.



<http://bit.ly/1Xzewx2>



Science for environmental sustainability

Research and innovation are key to building a prosperous future for the EU. They therefore figure prominently in the Europe 2020 strategy and the European Semester process and underpin progress towards the 10 priorities of the Juncker Commission, from providing a new boost to jobs, growth and investment, to developing the digital single market and developing the Energy Union.



<http://bit.ly/1WDRc8I>



Science for Food

This report provides a detailed overview of Joint Research Centre (JRC) research on food safety, food quality and authenticity, food security, agriculture and land use, food for health, and innovation in this area as the European Commission's in-house science service.

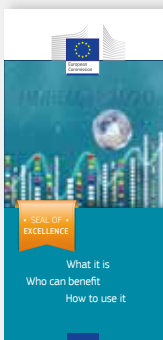


<http://bit.ly/27DVxFT>



Science, Research and Innovation performance of the EU

Research and innovation are key to building a prosperous future for the EU. They therefore figure prominently in the Europe 2020 strategy and the European Semester process and underpin progress towards the 10 priorities of the Juncker Commission.



<http://bit.ly/1TpOZ6B>



Seal of Excellence What it is, who can benefit, how to use it

The 'Seal of Excellence' is a quality label, awarded to project proposals submitted for funding under Horizon 2020, which succeeded in passing all of the stringent selection and award criteria but could not be funded under the available call budget.



<http://bit.ly/28MUmOV>



She Figures 2015

The She Figures publication is the main source of pan-European, comparable statistics on the state of gender equality in research and innovation.

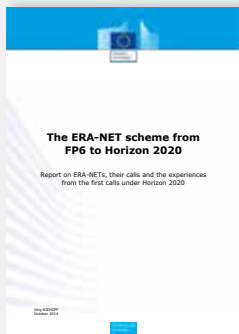


<http://bit.ly/1VJTgFe>



Sustainable Agriculture, Forestry and Fisheries in the Bioeconomy, a Challenge for Europe

The 4th SCAR Foresight Exercise launched by the Standing Committee on Agricultural Research in spring 2014 explored the interactions between the primary sectors and the broader bioeconomy.



<http://bit.ly/1NOz822>



The ERA-NET scheme from FP6 to Horizon 2020

Report on ERA-NETs, their calls and the experiences from the first calls under Horizon 2020.



<http://bit.ly/1THAMzg>



The role of philanthropy in the promotion of Responsible Research and Innovation

Responsible Research and Innovation (RRI) represents a step forward in the debate on science in society. RRI encompasses all stages of research and innovation (R&I).



<http://bit.ly/1qwohyz>



Women in Science

This book tells the compelling stories of these heroines of European science - some sung but many unsung - and, through their narratives, it enriches and completes the history of human knowledge by highlighting the role of women.



<http://bit.ly/297qwVe>



Ethical Aspects of Cyber-Physical Systems

Cyber-Physical Systems (CPS) are robots with Artificial Intelligence (AI) interacting with society. In order to help Members of the European Parliament anticipate possible future concerns regarding developments in robotics and AI, STOA conducted a foresight study entitled 'Ethical aspects of CPS'.

Research and innovation create investment opportunities for new and better products and services creating jobs and growth. Horizon 2020, the European Union's research and innovation programme, is the largest funding programme of its type in the world with a budget of 77 billion euro from 2014 to 2020. It is supporting excellence in science, leadership in industrial technologies and is helping to tackle the major challenges, such as climate change, food security, health and transport that concern all of us.

A key component to making rapid progress in research is to encourage the exchange of ideas, knowledge and know-how which is why the European Commission is one of the biggest supporters of ESOF through the Science with and for Society theme of Horizon 2020.

Since becoming Commissioner for Research, Science and Innovation, Carlos Moedas has repeatedly underlined the need to approach EU research and innovation policy from the perspective of encouraging *Open Innovation*, *Open Science* and *Open to the World*. Visit the EU booth in the exhibition area to find out more and learn about funding opportunities under Horizon 2020.

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