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## EURAXESS LINKS BRAZIL

Dear Colleagues,

We have the pleasure to present you the third edition of the EURAXESS Links Brazil Newsletter for July 2013.

This month, our “EU Insight” section brings you an update on **Horizon 2020**. The new European framework programme for research and innovation is expected to be launched on 1 January 2014 and will last until the end of 2020. The first calls should be launched by December 2013, so there is still some time to work on your projects and get prepared.

Our “News & Developments” section brings excellent news regarding EU-Brazil cooperation: for the first time, **a Brazilian researcher has been awarded a grant by the European Research Council**. We would like to warmly congratulate Aureo de Paula and hope that many others researchers will follow his path.

In July, a [new EURAXESS website](#) has also been launched, offering an easier access to up-to-date information. We are convinced this new version will better match your needs. Check it out and let us know your opinion.

Apart from this and the sections on job and funding opportunities, we would like to draw your attention to our **first EURAXESS Science Slam Brazil** event taking place in **Rio de Janeiro** on the **24th of September 2013**. The pre-selection has already started and we are looking forward to your creative and interesting **3 min videos** out of which up to 6 candidates will be chosen to “slam their way to a free ticket to Europe!”

See our fun [trailer](#) and [dedicated webpage](#) to know more about the Slam and how to participate. Be aware that submissions are open until **1 September**.

We hope you will find this issue interesting and helpful. We look forward to receiving your comments and feedback anytime at [brazil@euraxess.net](mailto:brazil@euraxess.net).

Your EURAXESS Links Brazil Team  
[brazil@euraxess.net](mailto:brazil@euraxess.net)



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EURAXESS Links Brazil Newsletter is a monthly electronic newsletter, edited by EURAXESS Links Brazil, which provides information of specific interest to European researchers in Brazil and Brazilian researchers who are interested in the European research landscape and conducting research in Europe or with European partners.

The information contained in this publication is intended for personal use only. It should not be taken in any way to reflect the views of the European Commission nor of the Delegation of the European Union to Brazil.

Please email to [brazil@euraxess.net](mailto:brazil@euraxess.net) for any comments on this newsletter, contributions you would like to make, if you think any other colleagues would be interested in receiving this newsletter, or if you wish to unsubscribe.

Editors: Charlotte GRAWITZ and Paulo LOPES, EURAXESS Links Brazil, Country Representatives



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# 1 EU Insight



## Horizon 2020 - The Framework Programme for Research and Innovation (2014-2020)

### What is Horizon 2020?

“[Horizon 2020](#)” (H2020) is the new EU's Framework Programme for Research and Innovation, covering the years 2014 to 2020. It will replace the EU's 7th Research Framework Programme (FP7), which was launched in 2007 and runs until the end of 2013.

H2020 is a key pillar of [Innovation Union](#), a Europe 2020 flagship initiative aimed at enhancing Europe's global competitiveness. The European Union is a global leader in many technologies, but it faces increasing competition from traditional powers and emerging economies alike.

For the first time, Horizon 2020 brings together all EU research and innovation funding under a single programme. It focuses more than ever on turning scientific breakthroughs into innovative products and services that provide business opportunities and change people's lives for the better. At the same time it drastically cuts red tape, with simplification of rules and procedures to attract more top researchers and a broader range of innovative businesses.

### The three key objectives

Horizon 2020 will underpin the objectives of the [Europe 2020 strategy](#) for growth and jobs, as well as the goal of strengthening the scientific and technological bases by contributing to achieving a [European Research Area](#) in which researchers, scientific knowledge and technology circulate freely.

Horizon 2020 focuses on three priorities, namely generating excellent science in order to strengthen the Union's world-class scientific excellence and make the Union's research and innovation system more competitive, fostering industrial leadership to speed up the development of technologies that will support businesses and innovation, including for small companies, and tackling societal challenges in order to respond to the priorities identified in the Europe 2020 strategy by supporting activities covering the entire chain from research to market.

### Budget

With a budget of around 70 billion euros, Horizon 2020 is the world's largest research programme. The previous multi-annual programme FP7 had a financial allocation of 53 billion euros.

### Horizon 2020 in Social Media

To receive more information and updates on Horizon 2020 you can visit the EU's dedicated [Horizon 2020](#) homepage or the dedicated [Innovation Union Facebook page](#) of the European Commission.



The budget distribution is envisioned as follows:

<b>I. Excellent Science:</b>	<b>31.73 %</b>
1. European Research Council	17.00
2. Future and Emerging Technologies	3.50
3. Marie Curie actions	8.00
4. Research infrastructures	3.23
<b>II. Industrial Leadership:</b>	<b>22.09 %</b>
1. Leadership in enabling and industrial technologies	17.60
2. Access to risk finance	3.69
3. Innovative small and medium-size enterprises	0.80
<b>III. Societal Challenges:</b>	<b>38.53 %</b>
1. Health, demographic change and wellbeing	9.70
2. Food quality and marine research	5.00
3. Energy	7.70
4. Transport	8.23
5. Climate action, resources and raw materials	4.00
6. Inclusive societies	1.70
7. Secure societies	2.20
<b>Spreading excellence and widening participation</b>	<b>1.06 %</b>
<b>Science with and for society</b>	<b>0.60 %</b>
<b>European Institute of Innovation and Technology (EIT)</b>	<b>3.52 %</b>
<b>Joint Research Centre: non-nuclear direct actions</b>	<b>2.47 %</b>
<b>Total</b>	<b>100 %</b>

**Source:** Council of the European Union, Press Release on "[Agreement on "HORIZON 2020": the EU's research and innovation programme for the years 2014 to 2020](#)", Brussels, 17 July 2013. Release on "[Agreement on "HORIZON 2020": the EU's research and innovation programme for the years 2014 to 2020](#)", Brussels, 17 July 2013.

Sources and further information:

[European Union](#)

[European Commission - Horizon 2020 Homepage](#)

[Euresearch](#)

[German Federal Ministry of Education and Research](#)

Council of the European Union, Press Release: "[Agreement on "Agreement on "HORIZON 2020": the EU's research and innovation programme for the years 2014 to 2020](#)", Brussels, 17 July 2013 (main source).

EU-Bureau of the German Federal Ministry for Research and Education, Special Announcement (in German), [EUB-Telegramm, 19 July 2013](#), Bonn.

### Funding for mobility, the ERC and international cooperation

€5.6 billion (+20%) will be allocated to the Marie Curie Actions, which has supported the training, mobility and skills development of more than 50 000 researchers since its launch in 1996.

Funding for the European Research Council (ERC) will increase by 70% to €11.9 billion. The ERC supports the most talented and creative scientists to carry out frontier research of the highest quality in Europe, in a programme that is internationally recognized and respected.

International cooperation will also be further promoted in Horizon 2020, in order to strengthen the EU's excellence and attractiveness in research, to tackle global challenges jointly and to support EU external policies (see [Fact sheet: International Participation in Horizon 2020](#)).

### What's next?

In July 2013, the EU Council and the European Parliament reached an [informal agreement](#) on the "Horizon 2020" programme for research and innovation. The agreement paves the way for the formal adoption of the "Horizon 2020" legislative package by these EU institutions through a vote in the coming months.

Therefore, it can be expected that Horizon 2020 will be launched as planned on 1 January 2014 with the first calls possibly being launched in December 2013.



## 2 EURAXESS Links Brazil activities

### 2.1 EURAXESS Science Slam Brazil 2013 – September 2013



#### Be creative!

Every presentation will be done:

- in English
- by one researcher
- in up to 10 minutes.

The presentation can be supported:

- by video
- audio material,
- powerpoint slides
- any other kind of media available
- scientific equipment.

Participants can choose their preferred presentation styles and tools (traditional presentation, singing, drawing, dancing etc.)

#### For more information:

Consult :

[scienceslambrazil.euraxess.org](http://scienceslambrazil.euraxess.org)

Watch the [trailer](#)

Read the [EURAXESS Science Slam Brazil 2013 Terms & Conditions](#)

EURAXESS Links Brazil warmly invites **all young researchers** (PhD or post-doc ongoing or completed less than 2 years ago) currently based in Brazil, to show their talent in science communication and take part in the first EURAXESS Science Slam Brazil. The event is **open to all fields of research**.

#### What is EURAXESS Science Slam Brazil?

EURAXESS Science Slam Brazil 2013 is the first edition of an event that will give young researchers based in Brazil the chance to showcase their work as well as their oral talent and creativity in front of members of the research and business community and the wide public, in a joyful and convivial atmosphere.

The event is organized by EURAXESS Links Brazil with the institutional support of the State of Rio de Janeiro Research Foundation (FAPERJ).

#### Prize

The winner of the contest will be awarded his/her participation to the "[EURAXESS Voice of the Researchers' Conference](#)", which will be held in Brussels on 21-22 November 2013, including economy return flights and local accommodation offered by EURAXESS.

#### Event details

The EURAXESS Science Slam Brazil 2013 will take place on Tuesday, 24 September 2013 at Casarão Ameno Resedá in Rio de Janeiro, from 18h30 to 21h30. A cocktail will be offered during the presentations.

#### How to participate?

To join the EURAXESS Science Slam Brazil 2013 as a presenter, candidates must submit a **3 minutes video** of themselves introducing the performance they would hold, in English, at the EURAXESS Science Slam 2013 event.

The video can be uploaded on the [Drop-it-to-me platform](#) or sent directly to [brazil@euraxess.net](mailto:brazil@euraxess.net) until **1 September**.

A jury composed of the EURAXESS Links Brazil Country Representatives will select the **6 most convincing videos** and will award their authors a trip to the city of Rio de Janeiro (flight and 1 night accommodation) to join the final competition.

#### How to attend?

To join the EURAXESS Links Brazil Science Slam 2013 as a member of the audience, register for free at [brazil@euraxess.net](mailto:brazil@euraxess.net) before **15 September 2013**.



## 2.2 ExpoT&C and the 65th Annual Meeting of the SBPC – Recife, 21 - 26 July



EURAXESS stand at ExpoT&C

EURAXESS Links Brazil participated in the science, technology and innovation exhibit, ExpoT&C, organized in parallel to the 65th annual meeting of the Brazilian Society for the Progress of Science (SBPC) at the Federal University of Pernambuco (UFPE) in Recife, Pernambuco.

The Country Representatives informed researchers and Science without Borders fellows about services provided in order to promote cooperation with Europe and international mobility. They also met representatives from research and funding agencies to initiate future activities.

The event also gave the opportunity to promote the EURAXESS Science Slam Brazil within the local scientific community.

## 3 News & Developments

### 3.1 EURAXESS Links network

#### 3.1.1 EURAXESS Science Slam Trailer

The EURAXESS Science Slam 2013 will also take place in the other countries and regions of our worldwide network: ASEAN, China, India, Japan and North America.

For information on these EURAXESS Science Slams visit their Science Slam websites:

[EURAXESS Science Slam ASEAN: 25 September 2013, Singapore](#)

[EURAXESS Science Slam China: 26 September 2013, Beijing](#)

[EURAXESS Science Slam India: 29 September 2013, Pune](#)

[EURAXESS Science Slam Japan: tbc, Tokyo](#)

[EURAXESS Science Slam North America: 24 September 2013, Washington, DC](#)



Watch the [event's trailer](#).



[EURAXESS website](http://euraxess.net).



[EURAXESS Links Brazil website](http://euraxess.net/brazil)



**European Research Council**  
Established by the European Commission

**About ERC**

Set up in 2007 by the EU, the European Research Council is the first pan-European funding organisation for frontier research. It aims to stimulate scientific excellence in Europe by encouraging competition for funding between the very best, creative researchers of any nationality and age. The ERC also strives to attract top researchers from anywhere in the world to come to Europe. It funds researchers at all stages of their career.

More: [ERC](http://erc.europa.eu)

**3.1.2 New EURAXESS website launched**

A new version of the EURAXESS portal has been launched in July. The new EURAXESS Links Brazil website offers easier access to up-to-date information, increased possibilities to share information in the social networks in a more user-friendly environment.

Have a look, and let us know if you have any suggestions. We also remind you that we are at your disposal if you wish to submit information on funding and jobs opportunities, scientific or cooperation events organized in Brazil or any other interesting content. To do so, contact us at [brazil@euraxess.net](mailto:brazil@euraxess.net).

**3.2 EU and Member States**

**3.2.1 EU and industry join forces to invest €22 billion in research and innovation**

The European Commission, EU Member States and European industry will invest more than €22 billion over the next seven years in innovation for sectors that deliver high quality jobs. Most of the investment will go to five public-private partnerships in innovative medicines, aeronautics, bio-based industries, fuel cells and hydrogen, and electronics.

These research partnerships will boost the competitiveness of EU industry in sectors that already provide more than 4 million jobs. They will also find solutions to major challenges for society that are not being solved quickly enough by the market alone, such as reducing carbon emissions or providing the next generation of antibiotics ([MEMO/13/669](#)).

The package also proposes to extend an initiative to pool research and innovation investments in Air Traffic Management (SESAR), in support of the Single European Sky (IP/13/664).

Source: [Europa -Rapid](#)

**3.2.2 A Brazilian researcher is selected by the European Research Council**

Aureo de Paula, Brazilian lecturer at the University College London, has been awarded an European Research Council (ERC) Starting Grant for his project on “Econometric Analysis of Interaction Models.” It is the first time a Brazilian researcher is selected by the ERC.

The Brazilian economist was selected, together with another 286 top scientists, under the ERC’s sixth Starting Grant competition, which is the last one under the EU’s Seventh Research Framework Programme (FP7). They are awarded nearly €400 Million, with grants being worth up to €2 million each. This coveted funding will enable early-career talent to develop their best, innovative ideas across the European Research Area (ERA).

The next Starting Grant calls will fall under the new Framework Programme 'Horizon 2020'.

Source: [ERC](#) and [IBE](#)



### 3.2.3 EU and the US extend scientific co-operation on standards and measurements

To help reach the goal of having compatible standards across both sides of the Atlantic, the European Commission's Joint Research Centre (JRC) and the US National Institute of Standards and Technology (NIST) on Wednesday 17 July agreed to expand their current scientific co-operation to 10 different areas. The JRC-NIST Implementing Arrangement is particularly relevant in the light of the currently negotiated Transatlantic Trade and Investment Partnership (TTIP).

The TTIP aims to remove tariffs and unnecessary regulation and facilitate trade and investments on the other side of the Atlantic. Once in place, the free trade agreement will save millions of euros to companies and create hundreds of thousands of jobs. Differences in technical regulations, standards and certifications cost time and money: when a car is declared safe according EU regulations, if imported in the US, it still has to undergo a safety check. Indeed, the negotiations will address those barriers that lie behind the customs border – the unnecessary rules and regulations, resulting from different standards.

The JRC-NIST Implementing Arrangement encompasses 10 (non-exhaustive) areas related to standards and measurements. Environment and climate, energy, transport and security feature high on the collaborative research agenda. Healthcare and clinical measurements, food safety and nutrition, as well as nanotechnology will be subject of the development and harmonisation of methods, indicators and documentary standards. Besides reference materials in a range of areas, the co-operation will include research on civil engineering structures and emerging Information and communication technologies (ICT), as well as marine optical radiometry.

The Implementing Arrangement covers scientific cooperation related to standards and measurements and is concluded under the auspices of the Agreement for Scientific and Technological Cooperation between the EU and US signed in 1997. Its purpose is to form an overarching arrangement, including and expanding on the previous co-operation. The planned activities include access to each other's scientific infrastructure, exchange of scientific and technological information, exchange of experts and support to the training of scientists, engineers and technical experts.

Source: [Europa - JRC](#)



### 3.2.4 Six EU Member States among the world's 10 most innovative nations

#### Global Innovation Index (GII) 2013

The GII 2013 looked at 142 economies around the world, using 84 indicators including the quality of top universities, availability of microfinance, venture capital deals - gauging both innovation capabilities and measurable results.

The GII 2013 is calculated as the average of two sub-indices. The Innovation Input Sub-Index gauges elements of the national economy which embody innovative activities grouped in five pillars: (1) Institutions, (2) Human capital and research, (3) Infrastructure, (4) Market sophistication, and (5) Business sophistication. The Innovation Output Sub-Index captures actual evidence of innovation results, divided in two pillars: (1) Knowledge and technology outputs and (2) Creative outputs.

Six European Union Member States are in the top ten list of the 10 most innovative nations (Sweden (2), United Kingdom (3), Netherlands (4), Finland (6), Denmark (9), Ireland (10)), while Switzerland retained its place atop the rankings in the **Global Innovation Index (GII) 2013**, published by Cornell University, INSEAD, and the World Intellectual Property Organization (WIPO). The index was submitted, for the third consecutive year, to an independent statistical audit by the JRC. The JRC recommendations, which aimed to ensure the overall conceptual and statistical coherence of the GII 2013, were taken into account in the final computation of the rankings.

#### A detailed look at the GII

Published annually since 2007, the GII has become a chief benchmarking tool for business executives, policy makers and others seeking insight into the state of innovation around the world.

The Global Innovation Index (GII) creates an environment in which innovation factors are under continual evaluation, including the following features:

- 142 country profiles, including data, ranks and strengths and weaknesses on 84 indicators
- 84 data tables for indicators from over 30 international public and private sources, of which 60 are hard data, 19 composite indicators, and 5 survey questions
- A transparent and replicable computation methodology including 90% confidence interval for each index ranking (GII, output and input sub-indices) and an analysis of factors affecting year-on-year changes in rankings

Source: [Europa - JRC](#)

## 3.3 Brazil

### 3.3.1 Brazil falls six places in the global ranking of innovation

Brazil dropped six positions in the Global Innovation Index 2013. This data is part of the list prepared by the World Intellectual Property Organization (WIPO). The country now occupies the 64th place among the most innovative nations.

According to the publication, the main reason that has caused the Brazilian loss of positions was the institutional analysis. In this aspect, which assesses the political, regulatory and business environments, Brazil holds the 95th place. Weak performances on market sophistication, research and human capital, as well as results of creative activity, have also influenced the loss in the ranking.

The new position of the country has also changed the ranking of the most innovative nations of Latin America. Last year, Brazil was the deputy leader, second only to Chile. With the current ranking, the country has fallen to the eighth position and has been overtaken by neighbouring Uruguay and Argentina.



According to WIPO, the position of Brazil could have been weaker. However, the inclusion of some new evaluation criteria has ensured a good score. Among the new items are the index of scientific papers cited (22nd place), the proportion of high-and medium-high manufactured technologies (22nd place), average score of the three best universities according to the QS ranking (24th). If there had not been the the introduction of such these new criteria, Brazil would have fallen 11 places compared to the previous year.

Among BRICs, China has falled one position (35th) Russia has lost 11 (62nd) and India two (66th). WIPO argues that the scenario for these countries should improve, because emerging markets have not experienced the same R&D declines during the peak of the crisis than higher/income countries, and in fact they have actually increased their R&D since the recovery began by significantly wider margins than high-income countries.

Source: [Agência Gestão CT&I](#)

### 3.3.2 Event aims to develop an international network of sustainable innovation

The Institute Foundation Advanced Health Pole of Ribeirão Preto (FIPASE) and the Innovation Agency of the University of São Paulo, are promoting the 4th edition of the BIN@Brazil - Business and Innovation Network which will take place between the 12th and 14th of November 2013.

The event is free and will be held in Brazil for the first time. Participants will have simultaneous translation service and a short course on innovation.

The BIN@Brazil, which will take place in the city of Ribeirão Preto, aims to develop an international network of sustainable innovation and promote discussions to integrate multiple technology sectors to create collaboration and cooperation opportunities.

The meeting will feature speakers from several countries and is aimed at the business public and from investment funds, entrepreneurs, innovation managers and researchers.

Registration and more information at: [www.binbrazil.com.br](http://www.binbrazil.com.br). Source: [Agência Gestão CT&I](#)

### 3.3.3 Brazil wants to become an international center for innovation

During an interview, the Secretary for Information Technology Policy of the Ministry of Science, Technology and Innovation, Virgilio Almeida, told the French online newspaper Le Journal du Net on the 3<sup>rd</sup> of July, that Brazil wants to become an international center for innovation. Speaking about the **Startup Brazil program**, which aims to accelerate the development of technology-based start-ups and which will invest US\$ 250 million over the next three years, the Secretary pointed out that **25% of the selected projects will be from abroad.**



"We want to attract young talented entrepreneurs around the world. We were surprised at the number of foreign applicants who applied for support and investment in the first stage of the program", said Almeida.

According to him, out of the 908 applications received in the first stage, 672 were from Brazil and 236 from 37 other countries. The largest number of foreign entrepreneurs interested in participating in the program came, in descending order, from the United States, Argentina, Chile, India and France. Almeida said that start-ups in China, Cyprus and Malaysia have also registered. Projects will now be examined by a committee composed of members of the government and investors.

The first list of winning companies was expected to be announced by the end of July, and a second selection will be held at the end of the year. Almeida said to the French site that **a one year visa will be issued to selected foreigners, which may be extended if the start-up is successful.** "We want to reduce bureaucratic barriers and make it easier to welcome foreign talents into the country," concluded the Secretary.

Source: [Agência Gestão CT&I](#)

#### 3.3.4 Science Without Borders accepts English examination at intermediate level of English university

The "Science without Borders" programme (CsF) will accept the proficiency exam First Certificate in English (FCE), from Cambridge English, department of the University of Cambridge in England. FCE is an upper intermediate level exam. Before, the programme only accepted the Certificate in Advanced English (CAE), one level above the FCE.

The change, explains the development manager of Cambridge Language Assessment, Rone Costa, has been made to attract more students to the program. "The change was made because the countries that are receiving the students realized that the demanded level was too high. With the FCE, the student can already follow the classes, and develop academic activities including working [in internships offered by the 'Science without Borders' programme] ."

Source: [Jornal da Ciência](#)

#### 3.3.5 Science without Borders signs agreement with Embraer for internships

The "Science without Borders" Programme signed an agreement on the 3rd of July with the aviation company Embraer for **internship opportunities to fellows of the sandwich undergraduate program.** The contract will last for three years and will make available at least 20 positions per year.

Internships, mostly for students in the area of engineering, will last for up to three months in the business units in the United States, **France** and **Portugal**. It is the first agreement signed with Embraer and the goal is to support and strengthen the education and training of Science without Borders fellows.





Other partnerships like this will be signed by the programme this year, such as: the Tim telecommunications company; Statoil ASA, a norwegian extraction company of natural gas and oil; as well as the Brazilian Association of Infrastructure and Basic Industries (ABDIB), among others.

Source: [CNPq](#)

### 3.3.6 Capes promoted meeting with new fellows of the Science Without Borders programme

On the 9th of July, the Coordination of Improvement of Higher Education Personnel (Capes) promoted a meeting aimed at providing guidelines for scholars of the Science without Borders programme.

The event, which was broadcasted via the internet, provided general guidelines about the trip and sandwich graduation abroad for new scholars of the programme who will be travelling this second semester.

Source: [Agência Gestão CT&I](#)

### 3.3.7 Change of FAPESP rules of scholarship programme for research internships abroad

The rules of the scholarship programme for research internships abroad (Bepe) of the Foundation for Research Support of the State of São Paulo (FAPESP) have undergone changes. From now on, the foundation will require the submission of the opinion of the researcher with whom the candidate will carry out the research internship abroad on the scientific merit and feasibility of the proposed research project.

Another change is related to the statement of the researcher with whom the candidate will carry out the research internship abroad. It is now mandatory for the researcher to issue a detailed opinion on the Final Scientific Report of the research project developed under his supervision

It will also become mandatory the expression of the agreement by the researcher to issue a detailed opinion on the Final Scientific Report of the research project developed under his supervision.

Source: [Agência Gestão CT&I](#)

### 3.3.8 Brazil will host global conference on climate change in 2014

From 12th to 16th of May 2014, experts from several countries will gather in Fortaleza (CE), to attend the conference Adaptation Futures. The event will showcase the advancement of science in the field of adapting to a warmer world, considering the challenges, impacts and vulnerabilities.

Adaptation Futures 2014 is sponsored by the Earth System Science Center (CCST) of the National Institute for Space Research (Inpe) and the United Nations Programme of Research on Climate Change Vulnerability, Impacts and Adaptations to Climate Change (PROVIA).

The conference will have five main themes: "Impacts of climate change on different sectors and implications for adaptation", "Linking adaptation and development for human well-being"; "Integrated approaches across scales

Fellows selected on calls to **Germany, Austria**, China, United States, **France, Hungary, Italy**, Japan, **Norway, Sweden** and **Portugal** with re-option for Australia, Canada, USA, **France, Ireland, Italy and the UK** were invited to participate.



(local to global) towards transformation for a 4°C+ world", "Adaptation at the edge, in regions most vulnerable to change" and "Understanding, measuring and communicating adaptation".

**Papers for presentation at Adaptation Futures 2014 can be submitted until the 15th of November 2013.** More information on the [Conference website](#).

Source: [Agência Gestão CT&I](#)

### 3.3.9 MERCOSUR Prize for Science and Technology – 2013

The Specialized Meeting on Science and Technology of MERCOSUR (RECyT), in partnership with the United Nations Organization for Education, Science and Culture (UNESCO), the National Council for Scientific and Technological Development (CNPq) and the Competitive Brazil Movement (MBC), with the institutional support of the Ministry of Science, Technology and Innovation in Brazil (MCTI), the National Observatory of Science, Technology and Innovation of Venezuela (ONCTI) and the National Confederation of Industry (CNI), invite students and researchers to compete for the **MERCOSUR Prize of Science and Technology – 2013 Edition**, whose theme is "**Education for Science**". Candidates may enroll in one of the following categories: "Scientific Initiation", "University Student", "Young Researcher" and "Integration". Submissions must be sent to UNESCO until the **19th of August 2013**, through the [site](#).

The launch of the Prize is simultaneous in member and associated countries of MERCOSUR (Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, Paraguay, Peru, Uruguay and Venezuela) and these rules apply to all these countries.

### 3.3.10 Preliminary schedule of the World Science Forum published

The preliminary program of the World Science Forum was presented on the 23rd of July. The event will bring together 300 representatives of the world's science academies from 24 to 27 November in Rio de Janeiro. The Forum was the subject of a special session during the 65th Annual Meeting of the [SBPC](#).

According to the president of the Brazilian Academy of Sciences (ABC), Jacob Palis, the event will be an excellent opportunity to get to know the demands and what is being done by the world science. "In addition to the representatives of the academies, rectors of major universities and promotion agencies will participate. It will be a great place to discuss international cooperation," said Palis.

Confirmed speakers include the President of the Chinese Academy of Sciences, Bai Chunli, the President of the Academy of Sciences of South Africa, Daya Reddy, and the Nobel Prize Laureate Werner Arber. The opening event will be held in the Municipal Theater of Rio de Janeiro with the presence of the Brazilian President, Dilma Rousseff.

This is the first time that the Forum will be organized outside the city of Budapest in Hungary. Altogether there will be seven plenary sessions and 12 parallel sessions. Among the main lectures will be: public science policies; Amazonia, biodiversity and sustainable development; inequalities as barriers to global sustainability, and science for natural resources. The programme can be accessed [here](#). Source: [CGEE](#)

#### Preparation

To introduce the topic in the Brazilian society and gather suggestions, the Center for Strategic Studies and Management (CGEE), under the Ministry of Science, Technology and Innovation (MCTI), conducted six regional meetings. The last one will take place in August in Brasilia (DF).

More information about the preparatory events can be found [here](#).



### 3.4 Cooperation EU, Member States, Brazil

#### 3.4.1 6th Joint Steering Committee meeting on science and technology and innovation cooperation between the European Union and Brazil



EU-Brazil Joint Steering Committee

The 6th Joint Steering Committee meeting was hosted by the European Commission in Brussels on 26 and 27 June 2013. It was preceded by a series of productive preparatory meetings. The first meeting of the Steering Group of the Cooperation Arrangement between the JRC of the European Commission and the Brazilian Ministry of Science, Technology and Innovation took place on 26 June.

The Brazilian and European delegations agreed to step up cooperation in the following key areas: marine research; food security, sustainable agriculture and bio-economy; energy; and nanotechnologies. Specific Working Groups have been set up in the following areas with the mandate to engage in a stock taking exercise so as to capitalize on what exists, identify joint actions and timelines for implementation, as well as to monitor and report on implementation:

- Marine research cooperation, focusing on the different areas proposed in the preparatory documents.
- Food security, sustainable agriculture and bio-economy, focusing on traceability, certification and standards for agro-products livestock, agro-ecological areas, ecological intensification, low carbon agriculture and the Bio-economy Observatory.
- Energy, focusing on concentrated solar power, wind energy, smart grids and bioenergy, with a particular emphasis on a possible coordinated call on advanced biofuels

The meeting was also an occasion to inform each other of the many ongoing successful cooperative activities and to exchange ideas on possible future developments in areas such as health, ICT, transport and nuclear fusion. In concluding the meeting, both delegations reaffirmed the importance of Science, Technology and Innovation cooperation in addressing shared economic, environmental and societal challenges within the context of the overall EU-Brazil relations.

Source: [Joint Steering Committee - Communiqué](#)

#### 3.4.2 New Brazilian Ambassador to the EU

On 22 July, President Barroso received a letter of credence of Ms Vera Lúcia BARROUIN MACHADO, Ambassador Extraordinary and Plenipotentiary, the new Head of Mission of the Federative Republic of Brazil to the European Union and the European Atomic Energy Community.

Source: [Europa - Rapid](#)



H.E. Ambassador Vera Lúcia Barrouin Machado, Head of the Mission of Brazil to the EU, on the right, and José Manuel Barroso.

Credit: EC Audiovisual Services



### 3.4.3 IBE launches Incentive Award to Collaborative Projects between Brazil and Europe



The [Institute for Studies Brazil-Europe \(IBE\)](#) is a EU funded project aiming at fostering higher education and research cooperation between Brazil and Europe.

The IBE consortium is composed of 16 of the most important Brazilian universities and 14 European universities is coordinated by the São Paulo University.

The Institute for Studies Europe-Brazil (IBE) is receiving applications for the first IBE Prize for Incentive to Brazil-Europe Collaborative Projects. The deadline to register is the 30th of August.

This academic award will go to the best ongoing project that maintains cooperation agreements between universities in Brazil and Europe. Projects will be accepted from any areas of knowledge developed in Brazilian institutions.

The top three projects will be selected and will be presented at the 3rd Annual Congress of the IBE - Innovation, Culture and Sustainability: Challenges for Brazil and Europe, which will be held between the 9th and 11th of October of this year in Florianópolis (SC).

Registrations must be made exclusively through the [IBE website](#). The projects will be evaluated between the 2nd and the 22nd of September. The results will be announced on the IBE website on the 23rd of September. For more information go to the full contents of the [call](#).

Source: [IBE](#)

### 3.4.4 Brazil and France join forces to search the biology of bacteria



Agreement signature

On 12 July 2013, the International Associated Laboratory (LIA) BACWALL was formally established to investigate formation mechanisms of the bacterial wall. The laboratory is a partnership between CEA (Commissariat à l'Énergie Atomique et aux énergies alternatives); CNPEM (Centro Nacional de Pesquisa em Energia e Materiais); CNRS (Centre National de la Recherche Scientifique); LNBio (Brazilian Biosciences National Laboratory); and UJF (Joseph-Fourier University) from Grenoble. The laboratory is based at LNBio in Campinas (SP).

Source: [CNRS Brazil](#)

### 3.4.5 Second generation ethanol is subject of international meeting in Brazil

Participants in the ProEthanol 2G project have gathered in Brazil in the first week of July. The initiative, in cooperation with the European Community, aims to develop advanced technologies for the production of second generation (2G) bioethanol. The workshop ProEthanol 2G took place from 1 to 5 July, firstly in Rio de Janeiro and subsequently in the region of Campinas (SP).

The Institute of Chemistry of the Federal University of Rio de Janeiro (UFRJ), the National Institute of Technology (INT / MCTI) and the National Laboratory of Energy and Geology (LNEG) from Portugal were represented at the workshop, which had the support of the National Scientific and Technological Development (CNPq).

These technologies, enhanced by the network of institutions involved in the project ProEthanol2G, enable the production of ethanol from waste biomass



from bagaço and sugar cane straw, in the case of Brazil, and from wheat straw in Europe.

Source: [MCTI](#)

### 3.4.6 Campaign "Research in Germany" present at XIII CISBGf

In the context of the campaign "Research in Germany", representatives of the German Academic Exchange Service (DAAD), the German Research Foundation (DFG), the Alexander von Humboldt Foundation and the Fraunhofer-Gesellschaft will participate, under the banner of the Year "Alemanha+Brasil" in the "13th International Congress of the Brazilian Geophysical Society & EXPOGEF", which will be held in Rio de Janeiro from 26 to 29 August.

At the stand, the German research funding institutions will be available to inform stakeholders about the possibilities of studying and doing research in Germany in the field of geophysics.

The congress will also feature the participation of Prof. Dr. Peter Kukla, from the RWTH Aachen University, who will open the "Interpretation Section" with a lecture on "Comparative analysis of the post-breakup basin evolution along the South-Atlantic margins in Brazil and Angola / Namibia" on the 27th of August at 14h00. On the same day, at 16h00, the German institutions will hold a public seminar on: "Opportunities for Research in Germany - Scholarship and Promotion Programs", to be held in the "Lecture Room" of the Mezzanine.

Source: [DWIH](#)

## 4 Grants & Fellowships

### 4.1 European Union

Calls still open under the 7<sup>th</sup> Framework Programme (FP7)

Below is a list of all currently open calls in each strand of FP7. You can click on each of them for full details, or access the full list on the [Research and Innovation Participant Portal](#).

Ideas	Launched	Deadline
<a href="#">Call for proposals for ERC Proof of Concept Grant</a>	10 January 2013	3 October 2013

For more general information for non-European researchers in the ERC's grants: <http://erc.europa.eu/non-european-researchers>.



2013-2014  
**ALEMANHA+BRASIL**  
*Quando ideias se encontram*



People	Launched	Deadline
<a href="#">Marie Curie Intra-European Fellowship for Career Development (IEF)</a>	14 March 2013	14 August 2013
<a href="#">Marie-Curie International Incoming Fellowship (IIF)</a>	14 March 2013	14 August 2013
<a href="#">Marie Curie International Outgoing Fellowship for Career Development (IOF)</a>	14 March 2013	14 August 2013
<a href="#">Marie Curie Career Integration Grants (CIG)</a>	18 October 2012	18 September 2013

Capacities	Launched	Deadline
<a href="#">EU Prize for Women Innovators 2014</a>	10 July 2012	15 October 2013

## 4.2 EU Member states and associated countries

### 4.2.1 Belgium - Incoming Post-Docs Fellowships

The Université Catholique de Louvain (UCL) is offering Incoming post-doc fellowships to scientists of all nationalities in order to strengthen the bilateral S&T collaborations as well as the realization of the European Research Area. Fellowships are assigned to researchers with a PhD degree (or equivalent), proving their expertise and research capacity by a personal scientific record. The fellowships, granted for a stay lasting between 12 to 24 months in one of the UCL research units, concern all fields of research activities dealt with by the UCL.

Deadline: **1 October 2013**. For more information please visit the [UCL website](#).

### 4.2.2 CERN fellowship programmes

The European Organization for Nuclear Research (CERN) is offering:

- [Fellowship and Graduate Engineering Training \(GET\)](#) for nationals of a CERN Member States recently graduated from university or advanced technical institute.

Deadline to submit applications: **2 September 2013** / Deadline to submit all required documents: 5 September 2013

- [Non-Member State Postdoc Fellowship Programme](#): Postdoc opportunity for young scientists in Theoretical Physics from Non-Member States.

Deadline for application: **1 December 2013**.



#### 4.2.3 Czech Republic – 4th SoMoPro call for proposals (Incoming Grants)

SoMoPro – Incoming Grants aims to accelerate the scientific progress in the South Moravian region through sharing knowledge with top-class researchers of any nationality incoming to work on research projects and undertake research training in the region for 1 to 3 years, with the perspective to develop mutually beneficial research co-operation between the region and other countries.

SoMoPro supports research in **science, technology and medicine** (Humanities and Social sciences are not included).  
Deadline: **16 September 2013**. More details in the [call](#).

#### 4.2.4 Denmark - The Danish Council for Independent Research (DFF) Individual Postdoctoral Grants

The purpose of DFF-Individual postdoctoral grants is to maintain and develop the research competencies of researchers at the beginning of their research careers. The grants are awarded to researchers who in an independent manner carry out specific research projects at research institutions in Denmark or abroad.

As a general rule, applicants must have obtained their PhD within the last 4 years. The grant can be applied for a period of up to 2 years which, under exceptional circumstances, may be extended to 3 years.

Deadlines for application (depending on which research council one applies to):  
FKK: **1 November 2013**, FNU: **28 October 2013**, FSE: **29 October 2013**, FSS: **7 November 2013**, FTP: **4 November 2013**.

Further details available on the [Danish Ministry of Science, Innovation and Higher Education website](#)

#### 4.2.5 France - Brazil - Call for proposals to select associated teams in ICT

Foundations for science and technology of 13 Brazilian states (FAPs) and 2 French research organizations (INRIA and CNRS/INS2I) launched a call in the fields of ICTs and computer science.

The main objective of the programme is to promote cooperation between a French and a Brazilian research team. An "Associate team" is created for a period of three years with a maximum funding of 20 000 euros per year during each of the three years

Deadline: **17 September 2013**. More details on [CNRS](#), [INRIA](#) and FAPs

#### 4.2.6 Open call selects projects for university partnerships between Brazil and France

The Coordination of Improvement of Higher Education Personnel (CAPES) has launched a call for projects on the selection of university partnerships in the engineering field under the **Program Brazil France Ingénieur Technologie**



(**BRAFITEC**), in partnership with the French government. R\$ 163 million will be made available.

Proposals must be entered by completing the registration form and sending electronic documents until the **19th of September**. Projects will be selected for **university partnerships in all engineering specialties**, exclusively at the graduate level, to foster exchanges between Brazil and France and to stimulate the approximation of curricular structures.

15 projects are expected to be approved, though this number may change through a joint decision between the funding agencies and budget availability. The result should be released in December. Approved projects will benefit from resources to working missions, studying missions and costing material.

More information is available at the [call for tenders](#). Source: [Agência Gestão CT&I](#)

#### 4.2.7 Call for tender open on postgraduation on sustainable development

Those interested in applying for **scholarships for postgraduation studies in Germany in the areas of sustainable development** can already access the registration script and list of courses on the website of the DAAD (German Service for Academic Exchanges). Submissions should be sent, preferably, to those universities that offer the courses, following their schedule. For those who prefer to send the documentation to the DAAD, the deadline is **31 July 2013**. The program, formerly called postgraduation with relevance to developing countries, is aimed at **young graduates** who have **two years of professional experience**. It is emphasized that the program is not for new graduates. In this issue, 36 master courses are offered in different areas and three at the doctoral level.

For more details see [DAAD's website](#).

#### 4.2.8 FAPESP - GlaxoSmithKline - Call for Proposals 2013

FAPESP and GSK make public a call for proposals and invite interested researchers, working within public or private Higher Education or Research Institutions in the State of São Paulo, to submit projects under the cooperation agreement between FAPESP and GSK.

For more details see the [call on FAPESP's website](#).

### 4.3 Brazil

#### 4.3.1 Fapes pays stages in Brazil and abroad

The Foundation for Research Support of Espírito Santo (FAPES) is selecting proposals for conducting scientific-technical training in laboratories or research, development or innovation centres, from Brazil or abroad. The call aims to improve techniques, processes or acquisition of knowledge related to projects developed in higher education or research institutions from the state.

Altogether three calls for proposals will be published. The first has a deadline for submission of projects of the **12th of August**. In order to participate,



candidates must be members of the team executing the R,D & I project, can not have participated on a scholarship or technical-scientific visit supported by FAPES and must possess a CV registered at the Lattes Platform.

FAPES will invest around R\$ 330 000. The technical-scientific scholarship will last at least two weeks and up to three months.

The full announcement is available [here](#).

Source: [Agência Gestão CT&I](#)



## 5 Jobs

### 5.1 EURAXESS Jobs

There are currently 9745 research jobs and fellowship programmes (all over Europe but also in other countries such as in Brazil and in all disciplines) accessible via the [EURAXESS Jobs database](#).

Note that European and non-European research organizations based in Brazil can publish research vacancies directly on the website. It is easy and free of charge. A short video explains how to post job vacancies in 4 steps ([in English](#) and in [Portuguese](#)).

### Examples of the latest jobs offered on the portal

(click for more details)

#### [Norway - Postdoctoral fellow](#)

The 'Omics' Data Analysis and Visualization Group (ODAV) at the Broegelmann Research Laboratory, Department of Clinical Science, University of Bergen, Norway is seeking a POSTDOCTORAL FELLOW IN BIOINFORMATICS. Research field: Medical sciences.

#### [Austria - Researcher / PhD student in the field of polymer Tribology](#) □

The Polymer Competence Center Leoben GmbH (PCCL) is the leading Austrian "Center of Excellence" for cooperative research in the area of polymer engineering and sciences. Research field: Other, Chemistry, Physics, Engineering

#### [Poland - assistant professor](#)

Competition on the position of assistant professor, management sciences, marketing, consumer behaviour at University of Lodz, Poland

### 5.2 European Commission: Joint Research Centre

The European Commission's Joint Research Centre is currently looking for various researchers. See all vacancies on [JRC's website](#)

### 5.3 Research positions in Brazil

Positions in Brazil or specifically open to Brazilian candidates are also published on [EURAXESS Links Brazil website](#). As advertised in our last edition and still open:

#### 5.3.1 Post-doc position on atmospheric and seawater fugacity of CO<sub>2</sub> in the Atlantic Ocean

This postdoctoral study is related to the work packages 4 and 5 of the European project CARBOCHANGE (<http://carbochange.b.uib.no/>, 2011-2015). In this project, the fugacity of CO<sub>2</sub> is measured underway in the ocean and the atmosphere from 2 merchant ships. The work will consist in analyzing the CO<sub>2</sub> data in the Atlantic.

Deadline: **31 July 2013**. Details: [EURAXESS Jobs](#)



## 6 Events

Event (click for more details)	Location	Date
<a href="#">13th International Congress of the Brazilian Geophysical Society &amp; EXPOGEF</a>	Rio de Janeiro, RJ	26-29 August 2013
<a href="#">I Scientific Conference of the Latin American and Caribbean Initiative on Science and Technology for the implementation of the UNCCD</a>	Sobral, CE	28-30 August 2013
<a href="#">2nd Brazilian Symposium on Biorefineries</a>	Brasília, DF	24-26 September 2013
<a href="#">6th German-Brazilian Symposium on sustainable development</a>	Santarém, PA	29 September–4 October 2013
<a href="#">3rd Annual Congress of the IBE - Innovation, Culture and Sustainability: Challenges for Brazil and Europe</a>	Florianópolis, SC	9-11 October 2013
<a href="#">53rd Brazilian Congress of Chemistry</a>	Rio de Janeiro, RJ	14-18 October 2013
<a href="#">National Science and Technology week 2013</a>	Brazil	21-27 October 2013
<a href="#">4th National Conference on the Environment - Solid Waste</a>	Brasília, DF	24-27 October 2013
<a href="#">Progress and Prospects of Science in Brazil, Latin America and the Caribbean Conference</a>	Rio de Janeiro, RJ	28-31 October 2013
<a href="#">6<sup>th</sup> World Science Forum</a>	Rio de Janeiro, RJ	24-27 November 2013
<a href="#">Adaptation Futures 2014</a>	Fortaleza, CE	12-16 May 2014