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## EURAXESS LINKS BRAZIL

Dear Colleagues,

We are pleased to publish the first EURAXESS Links Brazil newsletter. As you know, this European initiative officially started its activities in Brazil on the 10<sup>th</sup> of May, at the launch event organized with the support of the EU Delegation to Brazil and the National Council for Scientific and Technological Development, CNPq.

EURAXESS Links Brazil aims at providing a wide range of information in order to promote researchers' mobility and career development. This monthly newsletter is one of our main tools to achieve this goal, along with our [website](#) and EURAXESS events we organize in the country.

EURAXESS Links Brazil is also a networking tool for European researchers living and working in Brazil to connect with one another and to remain in contact with Europe. The network is also open to all researchers including Brazilian researchers, scientists and scholars in order to stimulate scientific cooperation between Europe and Brazil and to reinforce Europe as an outstanding research location. We warmly encourage you to use this facility and to join the EURAXESS Links Brazil community.

In this first issue of the newsletter, you will not only find information on the past and forthcoming activities of EURAXESS Links Brazil but also on the latest news related to research and innovation in Europe and Brazil as well as news on the cooperation between the two of them. A selection of fellowships, grants, job opportunities and upcoming events is also available. Common to all Links countries' newsletters (ASEAN states, Brazil, China, India, Japan and USA), the EU Insight section focuses this month on European Research Infrastructures.

As all our activities, this newsletter is work in progress. We strive to improve it constantly to meet your needs. We look forward to receiving your comments and suggestions and will be pleased to publish information on events you are organizing in Brazil, as well as funding opportunities and fellowships offered by your agencies and countries.

We wish you a pleasant read.

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# Contents

1	EU Insight .....	4
2	EURAXESS Links Brazil activities .....	6
	2.1 Launch event .....	6
	2.2 First EURAXESS Share events .....	6
	2.3 Forthcoming events .....	7
	2.3.1 Joint Road Show on mobility and Science without Borders in Brazilian universities .....	7
3	News & Developments .....	7
	3.1 EU and Member States .....	7
	3.1.1 EU chooses finalists for innovation in public administration prizes ...	7
	3.1.2 EU research project develops new malaria test tool .....	8
	3.1.3 An Earthquake early-warning system for a safer Europe .....	8
	3.1.4 Improving the art of organ manufacturing .....	8
	3.1.5 Still a huge gap between the sexes .....	8
	3.1.6 2013 set to be the busiest year for digital agenda .....	9
	3.2 Brazil .....	9
	3.2.1 Brazilian Minister Raupp underscores the growing importance of S, T & I in Brazil .....	9
	3.2.2 Brazil hosts committee meeting of the World Climate Research Programme .....	9
	3.2.3 World Science Forum 2013 .....	10
	3.2.4 Inova Energy supports 117 companies .....	10
	3.2.5 The Brazilian federal government and CNI begin process of founding the Embrapii .....	11
	3.2.6 Brazil to Spend More on Sugar-Cane Processing Research Work ..	11
	3.2.7 Brazil Gets Applications for \$6 Billion in Clean-Energy Funding .....	12
	3.2.8 South American climate change think-tank launched .....	12
	3.3 Cooperation EU, Member States, Brazil .....	12
	3.3.1 Opening of scientific programme of German Year in Brazil .....	12
	3.3.2 Launching of a Centre for European studies in Minas Gerais .....	12



3.3.3	FINEP signs cooperation agreement with Swedish Agency .....	13
3.3.4	Embassy of Brazil in Italy holds meetings with fellows of the Science Without Borders program.....	13
<b>4</b>	<b>Grants &amp; Fellowships .....</b>	<b>14</b>
4.1	European Union.....	14
4.1.1	EMBO Fellowships on Life Sciences.....	14
4.1.2	Open calls under the 7 <sup>th</sup> Framework Programme (FP7).....	14
4.2	EU Member states and associated countries .....	15
4.2.1	AUSTRIA: Institute of Science and Technology, ISTFELLOW .....	15
4.2.2	DENMARK: Strategic Research in Transport and Infrastructure ....	15
4.2.3	DENMARK: Danish-Brazilian strategic research cooperation within food science 2013.....	15
4.2.4	FRANCE: Call for projects USP-COFECUB and CAPES-COFECUB .....	15
4.2.5	GERMANY: German Chancellor Fellowships for Prospective Leaders .....	16
4.2.6	LUXEMBOURG: INTER Mobility Programme .....	16
4.2.7	SWITZERLAND: Plant Fellows.....	16
4.3	Brazil.....	17
4.3.1	New Science Without Borders calls for undergraduate sandwich launched .....	17
4.3.2	CNPq launches call for promotion of bilateral agreements with 12 countries .....	17
<b>5</b>	<b>Jobs .....</b>	<b>18</b>
5.1	EURAXESS Jobs.....	18
5.2	EU – Senior researchers positions at the Joint Research Centre (JRC) 18	
5.3	Research positions in Brazil .....	18
5.3.1	SINTEF - researcher within offshore technology.....	18
5.3.2	CLIM-AMAZON - Post Doc position in Brazil in geosciences .....	18
<b>6</b>	<b>Events.....</b>	<b>19</b>



# 1 EU Insight

## European Research Infrastructures

Research infrastructures (RIs) play an increasingly important role in the advancement of knowledge and technology. They are a key instrument in bringing together a wide diversity of stakeholders to look for solutions to many of the problems society is facing today. RIs offer unique research services to users from different countries, attract young people to science, and help to shape scientific communities.

The European Commission has been supporting access to effective research infrastructures for researchers all over Europe for more than a decade. This action has been instrumental in enhancing European researchers' access to the infrastructures they require to conduct their research, irrespective of the location of the facility.

### **What are Research Infrastructures?**

The term 'research infrastructures' refers to facilities, resources and related services used by the scientific community to conduct top-level research in their respective fields, ranging from social sciences to astronomy, genomics to nanotechnologies. Examples include singular large-scale research installations, collections, special habitats, libraries, databases, biological archives, clean rooms, high-capacity/high speed communication networks, highly distributed capacity and capability computing facilities, data infrastructure, research vessels, and so forth.

### **Research Infrastructures at EU Member State Level**

RIs were originally seen as national endeavours and most RIs today are still funded and run at national level. Member States will retain a central role in the development and financing of infrastructures. They will need to maintain and develop their capacity to create and exploit new technologies, products and services in the context of global competition: RIs make an important contribution to economic growth, competitiveness, quality of life, a better environment and the creation of jobs in Europe.

Recently, most EU countries have begun the task of identifying their future national RI needs. National roadmaps articulate not only national priorities, but also stress the importance of participation in overseas facilities through bilateral agreements with host countries. A clear strategic view on how to guarantee and maintain access to research facilities is also set out in the national roadmaps.

One example is the [German national "Roadmap for Research Infrastructures"](#) which was published in late April 2013 by the [German Federal Ministry for Education and Research](#) and is based on an evaluation performed by the [Wissenschaftsrat](#) (the German Council of Science and Humanities). The list entails 24 projects from a large range of scientific fields that are already under implementation and three new projects which the German federal government intends to fund in principle. In 17 of the 27 projects European and international partners are involved.



Another example is the “[Netherlands’ Roadmap for Large-Scale Research Facilities](#)” which was published in February 2013 and is already an update of the first Roadmap (2008-2012) prepared in 2008.

### European Research Infrastructure Initiatives

Although some countries invest heavily in RIs, none can provide all the required state-of-the-art facilities on a national basis. In addition, in the smaller European Member States, the high investment and operational costs against small local demand prevent the construction and operation of necessary RIs. Present limits on national and institutional budgets restrict the flexibility and capability of players to respond to the growing demand. Today, an EU-wide effort is needed to foster capacity-building in Europe. In 2011, the [European Strategic Forum for Research Infrastructures \(ESFRI\) – established in 2002](#) – published the “[Strategy Report on Research Infrastructures – Roadmap 2010](#)” which identifies new Research Infrastructures (RI) of pan-European interest corresponding to the long term needs of the European research communities, covering all scientific areas, regardless of possible location.

The European Commission is supporting the development of a policy on research infrastructures at European level, providing added value by pooling talent, maximising resources, and helping to generate a strategic vision for the reinforcement of RIs in the European Research Area. Through the Framework Programmes, the EC has been funding a number of [projects](#) which contribute significantly to boosting Europe’s research potential and reinforcing its research communities. For FP7 (2007-2013) the EC will spend €1.85 billion on RIs.

### What’s ahead?

*Interactive Map for Research Infrastructures:* The European Commission’s [website for research infrastructures](#) now also features a “[Map of Research Infrastructures](#)” which shows the location of the research infrastructures funded under FP7 that provide transnational access to researchers.

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The future EU activities under Horizon 2020 for integrating and opening national research infrastructures correspond to the follow-up of the successful FP7 actions named “[Integrating Activities](#)” (conditional to the approval of the European Commission proposal for the next Framework Programme for Research and Innovation,

Horizon 2020, by the EU Parliament and Council). The aim of these activities is to provide a wider and more efficient access to, and use of, the research infrastructures existing in EU Member States, Associated Countries, and at international level when appropriate.

### Sources:

[European Commission’s Research Infrastructures website](#)

“[Roadmap for Research Infrastructures](#)”, April 2013, German Federal Ministry of Research and Education

“[Uncharted Frontiers: the Netherlands’ Roadmap for Large-Scale Research Facilities](#)”, February 2013, Dutch Ministry of Education, Culture and Science



## 2 EURAXESS Links Brazil activities

### 2.1 Launch event

EURAXESS Links Brazil was officially launched in Brasilia on the 10<sup>th</sup> of May. The launch took place at the headquarters of the National Council for Scientific and Technological Development (CNPq), the agency under the Brazilian Ministry of Science and Technology and Innovation (MSTI) which aims to promote scientific and technological research and also train and qualify researchers within the country and abroad. The event was attended by over 50 EU Member States Science and technology counsellors, European and Brazilian authorities, universities and funding agencies representatives.

Dr. Guilherme MELO, the interim President of CNPq, and Ambassador Ana Paula ZACARIAS, Head of the EU Delegation in Brazil, welcomed the guests and emphasized the importance of the EU-Brazil cooperation in science, technology and innovation. They both stressed the advantages of mobility in a researcher's career and the potential help of EURAXESS Links for the Brazilian Science without Borders fellows. Marina LANDEIRO from the CNPq presented the federal mobility programme Science without Borders. Dr. Piero VENTURI, Head of S&T Section, EU Delegation, presented the state of cooperation between Europe and Brazil as well as the future Science and Technology Framework Programme, Horizon 2020. Dr. Anna KARAOGLOU, responsible for the EURAXESS initiative at the European Commission's Directorate General for Research and Innovation (DG RTD), introduced the political context of the European initiative that was then presented by Paulo LOPES and Charlotte GRAWITZ, the two Country Representatives of the EURAXESS Links. Moreover, three researchers, Priscila BARRETO, Jérôme DEPEYROT and Oscar BORJA, shared their experiences of EU-Brazil cooperation and mobility with the audience.

At this occasion, the web site of EURAXESS Links Brazil was officially opened to the public. The event was followed by a lunchtime reception.

### 2.2 First EURAXESS Share events

A number of EURAXESS Share events have been organised by EURAXESS Links Brazil at universities in Brasilia, São Paulo and Rio de Janeiro.

One of these events was held on the 14<sup>th</sup> of May at the premises of the São Paulo University (the largest in Brazil), organised in cooperation with the Institute for Studies Brazil-Europe (IBE), which is an EC funded project aimed at fostering higher education and research cooperation. Under the title "The European Research Area: Opportunities for Brazil-EU Collaborations and Researchers Mobility", this event was attended by university staff, researchers, EU Higher Education Agencies, EU Member State consulates, European research institutes representatives. The EURAXESS Links Brazil representatives gave a presentation on EU Programmes for research and innovation and EU-Brazil cooperation and mobility opportunities, EURAXESS



Dr Piero Venturi, EU S&T Counsellor;  
EU Ambassador Ana Paula Zacarias;  
Dr Anna Karaoglou, EC DG RTD;  
Dr Guilherme Melo, Interim President  
of CNPq



and the services that it provides to international researchers. The audience expressed their interest in the opportunities offered by EURAXESS, not only to researchers, but also to universities, research centres and companies. European Higher education agencies welcomed this new tool allowing them to publicize their national positions opened to Science without Borders fellows.

Similar EURAXESS Share events have been held at the University of Brasilia on the 8<sup>th</sup> of May, and on the 16<sup>th</sup> of May at the Federal University of Rio de Janeiro (UFRJ) and at the Pontifical Catholic University of Rio de Janeiro (PUC-Rio), which are the largest universities in Rio de Janeiro. There, the EURAXESS Links Brazil representatives presented the opportunities offered by EURAXESS to researchers. These events were attended by researchers and students, who have expressed interest in these opportunities.

## 2.3 Forthcoming events

### 2.3.1 Joint Road Show on mobility and Science without Borders in Brazilian universities

EURAXESS Links Brazil will join representatives from academic exchange agencies and universities of Austria, Australia, Germany and Holland to present mobility opportunities to students and researchers in UFSCar (São Carlos), UNICAMP (Campinas), and UFMG (Belo Horizonte) between the 4<sup>th</sup> and the 6<sup>th</sup> of June 2013.

A lecture on the EURAXESS initiative and its services to researchers in Brazil will take place at the following dates and places:

**04/06, 11:00 -16:00, UFSCar**, Rector's auditorium, EURAXESS' presentation: 11:30 – 11:45

**05/06, 9:00 -13:00, UNICAMP**, Institute of Mathematics, Statistics and Scientific Computing (IMECC), EURAXESS' presentation: 12:50 - 13:05,

**06/06, 11:00-14:00, UFMG**, Faculty of Economics (FACE) auditorium, EURAXESS' presentation: 11:00 - 11:15.

Interested students and researchers will also have the possibility to discuss directly with the EURAXESS country representative.

## 3 News & Developments

### 3.1 EU and Member States

#### 3.1.1 EU chooses finalists for innovation in public administration prizes

The European Commission has announced the 18 public authorities shortlisted for its competition to find the most innovative public initiatives in Europe. The finalists are competing for nine prizes worth €100,000 each. The purpose of the prizes is to encourage modern approaches to public spending, which accounts



on average for half of EU gross domestic product. The prize money has to be used by winning administrations to scale up and expand their winning initiatives.

### 3.1.2 EU research project develops new malaria test tool

A EU-funded research project aims to start testing a new diagnostic tool for malaria one year ahead of schedule. The pioneering smartphone-like device uses cutting-edge nanotechnology to detect not only the malaria infection but also any drug resistance from a pinprick of blood, taking just 15 minutes. The Nanomal project partners say if field trials later this year are successful the device could be deployed in developing countries from 2015.

### 3.1.3 An Earthquake early-warning system for a safer Europe

Even 10 seconds can make a difference. When Japan was hit by the earthquake in 2011, early-warning systems were in place, and within seconds even the high-speed "bullet" trains stopped. About half of Europe is also a high-risk earthquake area, especially Mediterranean countries like Greece, Italy, and also other regions around the Black Sea. But what is more important is that these seconds and minutes allow people to protect themselves or reach safety. The activation of early-warning systems can also mitigate the impact of an earthquake by shutting down railways, gas pipes, and even nuclear power plants, explains Gasparini. To start the development of an early-warning system in Europe, the European Commission funded, with €3.6 million, a 30-month research programme called SAFER (Seismic early warning For Europe). Started in July 2006 and coordinated by the GeoForschungs Zentrum (GFZ) in Potsdam, Germany, researchers from 19 European institutions were part of the consortium. Also participating in the project were researchers from four institutions in Japan, the United States, Taiwan and Egypt.

### 3.1.4 Improving the art of organ manufacturing

Researchers at the Fraunhofer Institute for Building Physics in Munich, Germany, spent the past three years working with Small and Medium-sized Enterprises (SMEs) to develop IT tools for the design of top-quality wooden and metal organ pipes. In December 2011 the team, set up in the context of the EU-funded research project "Innosound", unveiled a first prototype that cut by 20% the organ pipes' size and reduced by 15% total organ production costs. The study was backed by €625,000 in EU funds.

### 3.1.5 Still a huge gap between the sexes

It is common knowledge that despite significant efforts to reduce the education and employment gap between the sexes, the issue remains unresolved. Women still earn less than men, and are still a minority in political decision-making and senior management positions. Women also form the majority of the unemployed, and perform most of the part-time and unpaid jobs. In the latest data published by Eurostat, the statistical office of the European Union, a four-year Structure of Earnings Survey produced detailed information on the distribution of earnings in the EU. Perhaps one of the most startling facts to come to light is the news that one out of every six employees in the EU-27 was a low-wage earner in 2010.



But the European Commission is looking to turn the tide with a number of initiatives. The Youth Employment Package guarantees every young person will receive a quality offer of employment or training within four months of leaving school, or of being unemployed. And Europe 2020, the EU's growth strategy, includes an agenda for new skills and jobs, aiming to help people gain the right skills for future jobs, and to overhaul EU employment legislation.

### 3.1.6 2013 set to be the busiest year for digital agenda

The Digital Agenda is now entering its third year, and has already made headway towards the objectives of getting every EU citizen to use the Internet, and helping Europe's citizens and businesses get the most out of digital technologies. Since the agenda was launched, 15 million Europeans have connected for the first time, and 68 % of Europeans are now online regularly, with 170 million on social networks. In addition, broadband is available nearly everywhere in Europe, with 95 % of Europeans having access to a fixed broadband connection. Consumers and businesses also have the flexibility of mobile Internet with 217 million mobile broadband subscriptions across Europe. But there is still more to come. Now the digital 'to do' list has set out the priorities for this year and the next.

Source for all EU news: [EU Research Information Centre](#)

## 3.2 Brazil

### 3.2.1 Brazilian Minister Raupp underscores the growing importance of S, T & I in Brazil

The Brazilian Minister of Science, Technology and Innovation, Marco Antonio Raupp, emphasized on the 23<sup>rd</sup> of May the increasing relevance of his sector policies for the national development. "From 2000 to 2013, the volume of funds operated by MCTI departed from R\$ 1.1 billion to R\$12.7 billion," he said, at a meeting with correspondents of international news agencies. Raupp reminded that MCTI has been one of the four ministries spared from the budget adjustment announced the day before by the federal government. "Health, Education, Social Development and Science, Technology and Innovation are the areas that did not undergo contingency this year. This history of investment and these decisions show that the government is fulfilling its promises, in order to establish productive development policy of the country, the Greater Brazil Plan, which designates science, technology and innovation as structural axes.". The R\$ 12.7 billion available in 2013 take into account R \$ 3.4 billion from the National Fund for Scientific and Technological Development (FNDCT), R \$ 5.5 billion operated by the Financing Agency of Studies and Projects (FINEP / MCTI) and R \$ 3.8 billion for operating and capital expenses.

Source: [MCTI](#)

### 3.2.2 Brazil hosts committee meeting of the World Climate Research Programme

Brazil hosted, for the first time, the 34th meeting of the Joint Scientific Committee of the World Climate Research Program (WCRP), in Brasilia on 27 and 31 May. Sixty internationally renowned scientists from over 15 countries



were in Brazil for the meeting. The last meeting took place in 2012 in China. The meeting brought together leaders in the fields of knowledge related to the climate and climate changes issues. The WCRP is an organization sponsored by the World Meteorological Organization, the International Council for Science, the Intergovernmental Oceanographic Commission of UNESCO. Its mission is to facilitate the analysis and prediction of Earth system variability for use in an increasing range of practical applications. This endeavour is of great relevance, benefit and value to the society. The scientific organization is the responsibility of the Joint Scientific Committee, composed of 18 scientists chosen upon by agreement between the three sponsoring organizations is responsible for this scientific organization, and which representing climate related disciplines related to climate in the research fields of atmospheric, oceanic, hydrologic and cryosphere sciences.

Source: [MCTI](#)

### 3.2.3 World Science Forum 2013

The sixth World Science Forum will be held in Rio de Janeiro from the 24<sup>th</sup> to 27<sup>th</sup> of November 2013. The Forum will be hosted by the Brazilian Academy of Sciences (Academia Brasileira de Ciências – ABC) in partnership with the Hungarian Academy of Sciences, the United Nations Educational, Scientific and Cultural Organization (UNESCO), the International Council for Science (ICSU), the European Academies Science Advisory Council (EASAC) and the American Association for the Advancement of Science (AAAS). The [Forum website](#) is already online and provides more information on the event.

The Brazilian executive committee - comprised of 12 entities that make up the National Science, Technology and Innovation Network - is organizing seven regional debates in different capital cities to discuss issues related to the major scientific challenges of the twenty-first century.

Sources: [UNESCO](#), [CGEE](#), [WSF](#)

### 3.2.4 Inova Energy supports 117 companies

The Financing Agency of Studies and Projects (FINEP / MCTI), the Banco National Bank for Economic and Social Development BNDES / MDIC) and ANEEL (Brazilian Electricity Regulatory Agency / MME) just publish the preliminary results of the Inova Energy. 117 leading companies were empowered to submit business plans in the next step, with a potential demand of R\$ 7.8 billion. The total of approved projects is much higher than the amount of resources available for the program initially, which was \$ 3 billion. The initiative, called Plan to Support Innovation in the Electricity Sector, was launched in April and integrates the Plan Inova Enterprise. Of the total amount, R\$ 1.2 billion are from FINEP, R\$ 1.2 billion from BNDES and R\$ 600 million from Aneel. This first stage of the process aimed at filtering proposals that did not fit the rules and objectives of the program, although they may be supported by other instruments. The plan aims to foster business plans that include activities of research, development, engineering and technology absorption, production and marketing of products, and innovative processes and services. The thematic areas are: Smart Grids and Transmission in Ultra-High Voltage, Power Generation by Alternatives Source, and Hybrid Vehicles and Energy



Efficiency Vehicle.

Source: [MCTI](#)

### 3.2.5 The Brazilian federal government and CNI begin process of founding the Embrapii

The Brazilian federal government and the National Confederation of Industry (CNI) launched on the 10<sup>th</sup> of May the process of foundation of the Brazilian Research and Industrial Innovation Enterprise (Embrapii), in a ceremony with the Minister of Science, Technology and Innovation, Marco Antonio Raupp, Education Minister Mercadante, and President of CNI, Robson de Andrade. "The Embrapii is being set up to promote the linkage between research centres and industries. We want to monitor the outcome [of projects], to become make part of this change which will be a milestone in the development of technology and innovation in the country" said Minister Raupp. During the event, held in the office of the CNI, in São Paulo, Mr Raupp provided details of the constitution of Embrapii, which will have on its board a chief executive officer on its board, a chief financial officer, a prospection and articulation directorate and a monitoring and evaluation directorate The fiscal board and the associated assembly of associates will complete the structure of the social organization, which was announced on the 14<sup>th</sup> of March at a ceremony with President Dilma Rousseff. The association will have 16 founding organizations. The director of education and technology CNI, Rafael Lucchesi, will take over the position of interim CEO and will pursue the setting up of Embrapii. "The expectation is that Embrapii will be working within one month. Following the appointment of the board and the signature of the founding minutes, President Dilma will sign a decree that will initiate activities," said Raupp. The contribution from the federal government for Embrapii will be \$ 1 billion by 2014, amount to be allocated to projects that are based on innovation. "We will have rigorous project selection and definitions of goals and objectives of the units accredited," said Raupp. According to the Minister of Education, the business demand "is the starting point." "We must always focus on the competition in the international market, and we will only achieve this with innovation," said Mercadante.

Source: [MCTI](#)

### 3.2.6 Brazil to Spend More on Sugar-Cane Processing Research Work

Brazil may triple the size of a funding program for research into new sugar-cane processing technologies to as much as 3.4 billion reais (\$1.7 billion). BNDES, Brazil's national development bank, and the research-financing agency Finep have approved 2.2 billion reais of projects and may approve another 400 million reais this year, Artur Yabe, manager of the Rio de Janeiro-based lender's biofuels department, said May 10 in a telephone interview. The organizations may start evaluating another 800 million reais of projects by the end of the year.

Source: [Bloomberg](#)



### 3.2.7 Brazil Gets Applications for \$6 Billion in Clean-Energy Funding

Brazil received applications from 373 companies and organizations seeking 12.3 billion reais (\$6.13 billion) in funding to research renewable power and energy efficiency through a government program. The state development bank said that's about four times the 3 billion-real budget of the Inova Energia program to spur the development of smart-grid systems, electric vehicles, renewable power and other technologies.

Source: [Bloomberg](#)

### 3.2.8 South American climate change think-tank launched

South America has got its first think-tank aimed at providing climate change knowledge to decision-makers to help them design tools tailored to local needs. □□The Regional Centre for Climate Change and Decision-Making was launched earlier this year (19 March) in Montevideo, Uruguay, where it will have its headquarters and where it is organising its first training event for policymakers. □The centre is a joint initiative by the Panama-based Avina Foundation, which promotes sustainable development in Latin America, and UNESCO (the UN Educational, Scientific and Cultural Organization).

Source: [Trust](#)

## 3.3 Cooperation EU, Member States, Brazil

### 3.3.1 Opening of scientific programme of German Year in Brazil

The opening of the scientific programme of the German Year in Brazil took place on the 15<sup>th</sup> of May at the Palace of the Governor of the Rio de Janeiro State. This event had the participation of the German President, Mr Joachim Gauck, who was on an official visit to Brazil, as well as of the Brazilian Minister of Science, Technology and Innovation, Mr Marco Antonio Raupp, the Governor of the Rio de Janeiro State, Mr Sérgio Cabral, and other high-level representatives from both countries.

Minister Raupp provided a long list of Brazil-Germany on-going and future S, T & I cooperation activities. The German President was also very positive about the results and potential of this cooperation. It was announced that the German Year in Brazil will be focused on technology under the theme "When Ideas Meet" and will be composed by six big events in the country. In particular, a Science Slam will be organised in September in São Paulo, under the title "Falling Walls Lab".

### 3.3.2 Launching of a Centre for European studies in Minas Gerais

The Federal University of Minas Gerais' Centre for European Studies had its opening ceremony on Friday, May 17<sup>th</sup>. The launching event, which also featured the Seminar 'Brazil and Europe: Facing Global Challenges', was presided over by the Rector and Vice-Rector of UFMG, Professor Clélio Campolina and Professor Rocksane Norton, the Director of International Relations, Professor Eduardo Vargas and the Coordinator of the Centre for European Studies, Professor Ivan Domingues, who welcomed 20 ambassadors





from European countries. Professors and students attended the event from UFMG, as well as other invited authorities and institutions.

During his speech, Professor Eduardo Vargas presented the scale model of the building that will house the International Centre to be built on Pampulha Campus. After the presentation, they unveiled the commemorative plaque symbolizing the inauguration of the Centre and closed the "Time Capsule" containing documents related to the event and newspapers from May 17th 2013. The Capsule is meant to be opened at May 2028.

Source: [UFMG](#)

### 3.3.3 FINEP signs cooperation agreement with Swedish Agency

On the first day of the seminar Cooperation and Innovation for Sustainable Development, a cooperation agreement was signed with the aim of consolidating partnerships between enterprises and research institutions in Brazil and Sweden. The signature involves the Financing Agency of Studies and Projects (FINEP / MCTI) and the Swedish Agency for Innovation (Vinnova). The opening of the seminar was attended by the President of FINEP, Glauco Arbix, the Enterprises Minister of Sweden, Annie Lööf, the Ambassador of Sweden in Brazil, Magnus Robach, the Director-General of Vinnova, Charlotte Brogen, the representative of the Secretary of Technology Development and Innovation of the MCTI, Eduardo Soriano, and the President of the Brazilian Agency for Industrial Development (ABDI / MDIC), Mauro Borges.

Source: [MCTI](#)

### 3.3.4 Embassy of Brazil in Italy holds meetings with fellows of the Science Without Borders program

The Embassy of Brazil in Italy, with the support of the Technical Secretariat of the Science without Borders program and Italian universities, has held meetings with program fellows in several cities. The purpose of the meetings is to provide information on student immigration issues, health care, recognition in Brazil of the credits of the courses made and revalidation of diplomas in cases of full doctorate abroad, among others. The meetings in Italy were held on the 8<sup>th</sup> of May in Milan and on the 9<sup>th</sup> of May in Padua. In April, meetings were held in Pisa and Florence, Fellows evaluated positively the academic experience abroad positively and highlighted the tradition of Italian institutions. They reported that, in general, there was no difficulty in obtaining a visa in the Italian consular network in Brazil, before going abroad. Furthermore, the importance of the experience of internships in companies or research institutes was reiterated. At the meeting, it was found that almost all of the 58 program fellows who are currently studying at the University of Pisa at the graduate level are performing or have performed internships. The initiative is part of a series of activities organized by the embassy to strengthen support for students, such as the launch of the guide for Brazilian scholars in Italy and the production of short videos on topics of interest to students.

Source: [MCTI](#)



## 4 Grants & Fellowships

### 4.1 European Union

#### 4.1.1 EMBO Fellowships on Life Sciences

The EMBO Long-Term Fellowships are awarded for a period of up to two years and support post-doctoral research visits to laboratories throughout Europe and the world. Applicants should possess a doctoral degree.

Next deadline: **15 August 2013**.

Further information: [EMBO](#)

#### 4.1.2 Open calls 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](#).

Cooperation	Launched	Deadline
<a href="#">Joint Technology Initiatives (Annex IV-SP1)</a>	26 February 2013	6 June 2013

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>.

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 AUSTRIA: Institute of Science and Technology, ISTFELLOW

IST Austria in Vienna has set up a programme for exceptional **postdoctoral researchers** partially funded by the European Union, ISTFELLOW. The programme will fund 40 fellows for a period of two years each. ISTFELLOW is open to qualified applicants from all over the world who are interested in spending the postdoctoral stage of their scientific research career at IST Austria, giving preference to scientists who have a strong interest in cross-disciplinary approaches. Applicants must have the support of one or more members of the IST Austria faculty who will host them in their research group.

Application deadline: **15 September 2013**. Further information: [ISTFELLOW](#)

### 4.2.2 DENMARK: Strategic Research in Transport and Infrastructure

The Danish Council for Strategic Research (DCSR) and The Energy Technology Development and Demonstration Programme (EDDP) offer a total of DKK 25 million to a special effort with the aim to support research, development and demonstration within energy efficient transport. All Danish and foreign citizens can apply. However, it is required that the supported research activities promote and strengthen Danish research.

Deadline for application: **14 June 2013**. Further information: [Strategic Research in Transport and Infrastructure](#)

### 4.2.3 DENMARK: Danish-Brazilian strategic research cooperation within food science 2013

The Danish Council for Strategic Research's Programme Commission on Health, Food and Welfare along with FAPESP - The State of São Paulo Research Foundation – is offering funding to cooperation within food research.

The call is open for Danish applicants as well as Brazilian applicants from the State of São Paulo, who meet the criteria of the call.

Application deadline: **1 July 2013**. More information in the [call](#).

### 4.2.4 FRANCE: Call for projects USP-COFECUB and CAPES-COFECUB

USP-COFECUB: The program is open to all fields and aims at establishing cooperation on a scientific joint project.

Deadline: 5 June 2013. Details: [Campus France](#).

CAPES–COFECUB: The program aims at implementing research collaborations in order to train Brazilian and French PhD students followed by permanent researchers and provides a support for the tasks related to the



project development for experienced researchers. The costs of the stages of doctoral or post-doctoral studies are also included.

Deadline for applications 6 June 2013. Details: [Campus France](#).

#### 4.2.5 GERMANY: German Chancellor Fellowships for Prospective Leaders

The Alexander von Humboldt Foundation offers prospective leaders from Brazil, China, India, Russia and the USA the opportunity to conduct a project as guests of the partner of their choice in Germany.

With the support of their hosts the fellows can spend a year concentrating on a project they have chosen themselves and give their career a boost. German Chancellor Fellowships are open to an array of sectors such as **politics, economics, the media, administration and culture**.

Deadline to submit application: **15 September 2013**. More details available on the [Alexander von Humboldt Foundation website](#).

#### 4.2.6 LUXEMBOURG: INTER Mobility Programme

The aim of the INTER Mobility Programme is to promote the scientific exchange between research groups of the Luxembourg public research institutions and research groups abroad in order to foster innovative, internationally competitive research and support the exchange of key knowledge and technological know-how (in both directions).

More specifically, the programme intends to support:

- Post-Docs and senior researchers working in Luxembourg to visit the leading research institutions in the field
- The visit of established senior researchers in Luxembourg public research

The minimal duration of an FNR-funded research stay is 6 weeks and the total cumulated duration of the research stay is limited to 1 year.

The second and last deadline for application this year is **1 July 2013**. Further information about this scheme can be found on the [FNR website](#).

#### 4.2.7 SWITZERLAND: Plant Fellows

PLANT FELLOWS is an international **post doc fellowship** programme in **plant sciences** co-funded by the Marie Curie Action COFUND and centrally managed at the Zurich-Basel Plant Science Centre.

This post doc fellowship programme is open to applicants from any nationality and all research fields in plant sciences are eligible. 23 international universities, research institutions and industry partners have been predefined as host organisations.

It is offering more than 60 new post-doc positions with duration between 12 and 24 months, spread between three different mobility schemes (incoming, outgoing, reintegration). Additionally, PLANT FELLOWS offers a structured



For any suggestion or to publish information on funding opportunities or scientific events in this newsletter, send us an email at [brazil@euraxess.net](mailto:brazil@euraxess.net)



training programme (workshops, dedicated training in complementary skills, industrial placements).

The third call is open until **24 June 2013**. For more details: [www.plantfellows.ch](http://www.plantfellows.ch)

## 4.3 Brazil

### 4.3.1 New Science Without Borders calls for undergraduate sandwich launched

The Science without Borders program published on the 23<sup>rd</sup> May calls for new “sandwich” under graduation in Canada, Germany, United States, Hungary and Japan. Registration will be open from 4<sup>th</sup> of June 2013 to 8<sup>th</sup> of July 2013. Fellows will begin their overseas activities from mid 2014. The coordination of the program reinforces that the candidate must have a ENEM (the national exam) score equal to or above 600 on test performed after 2009.

Details: [CsF](#)

### 4.3.2 CNPq launches call for promotion of bilateral agreements with 12 countries

The National Council for Scientific and Technological Development launched on the 23<sup>rd</sup> of May the public call n° 17/2013 Cooperation International - Bilateral Agreements, which aims to support joint projects with 12 countries in Europe, South and Central America and the Caribbean . The total resource provided by the CNPq for financing the projects is \$ 6 million. The countries involved in the initiative are: Argentina, Belgium, Colombia, Costa Rica, Cuba, France, Germany, Italy, Mexico, Peru, Portugal and Uruguay. The duration of the projects and the areas covered will vary according to the partner included in the proposal, which can receive up to R\$ 100,000 funding. In projects in partnership with institutes of science and technology from Italy, Germany, Portugal, Belgium and France, additional requests will be allowed up to R\$ 100,000 to fund undergraduate scholarships abroad. Grants will be awarded, with a maximum duration of 12 months, in the modalities of Sandwich PhD, Postdoctoral, and Junior and Senior Technological Development and Innovation (DES), exclusively for the areas covered in the Science Without Borders Program (CsF). Proposals must be registered until 17<sup>th</sup> of July at the CNPq website. Dissemination of the results will occur from the month of October and the beginning of support for the proposals will take place from November.

Details: [CNPq](#)



## 5 Jobs

### 5.1 EURAXESS Jobs

There are currently 10113 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](#).

Positions in Brazil or specifically open to Brazilian candidates are also published on [EURAXESS Links Brazil website](#).

Note that European and non-European research organizations based in Brazil can publish research vacancies directly on the website. It is very easy and free of charge. Should you need any assistance, the EURAXESS Links Brazil team will be happy to help you.

### 5.2 EU – Senior researchers positions at the Joint Research Centre (JRC)

The European Commission's Joint Research Centre (JRC) is currently advertising the following vacancies:

- 7 doctoral positions (deadlines: between 2 June and 1 July)
- 51 postdoctoral positions (various deadlines from 2 to 30 June)
- 4 senior researcher positions (various deadlines from 16 June to 1 July)

Further information on the [JRC website](#).

### 5.3 Research positions in Brazil

#### 5.3.1 SINTEF - researcher within offshore technology

Instituto SINTEF do Brasil is looking for an experienced researcher within offshore technology to carrying out research and development related to marine structures and materials technology applied to marine structures.

Deadline: 07/06/2013

Details: [EURAXESS Jobs](#)

#### 5.3.2 CLIM-AMAZON - Post Doc position in Brazil in geosciences

The CLIM-AMAZON project (joint Brazilian-European scientific initiative supported by the European Union through the FP7) is receiving proposals from EU senior researchers willing to join the project. Preference will be given to research projects related to universities/research institutions from Southern and Eastern Europe in the following research topics:

- Remote sensing studies to assess the present temporal dynamic of sediment discharge within the basin.
- Predictive modelling for high fan rate sedimentation.

Deadline: 15/06/2013

Details: [EURAXESS Jobs](#)



## 6 Events

Event (click for more details)	Location	Date
<a href="#">13th Anpei annual Conference on technological innovation</a>	Vitoria, ES	3-5 June 2013
<a href="#">Final Workshop of the Project IWAS ÁGUA DF (Integrated Water Resources Management in Federal District DF)</a>	Brasilia, DF (UnB-Fiocruz)	4-6 June 2013
<a href="#">NOPOOR Second General Assembly</a>	Rio de Janeiro	10-12 June 2013
<a href="#">Visit of the research vessel Meteor in Fortaleza</a>	Fortaleza, CE	28 June – 1st July 2013
<a href="#">65th annual meeting of the Brazilian Society for the Progress of Science (SBPC)</a>	Recife, PE	21-26 July 2013
<a href="#">2nd Brazilian Symposium on Biorefineries</a>	Brasilia, DF	24-26 September 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>	Brasilia, 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