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## EURAXESS LINKS INDIA

Dear Colleagues,

It is our pleasure to present to you the twelfth and last 2015 issue of the EURAXESS Links India Newsletter.

We hope that you will find this issue interesting and useful. Feel free to circulate it, and to ask your correspondents to [register](#) with EURAXESS Links so that they can receive future editions directly.

In addition to the **EU Insight** on ERC Grants and their distribution amongst elite institutions in Europe, you will find information on **News** related to research and innovation in Europe and India, a selection of **Grants and Fellowships**, a collection of **Job opportunities** (over 7167 in **EURAXESS Jobs**) as well as information on upcoming **Events** (in Europe and India).

As there is always scope for improvement, and we would like to invite you to share a few minutes with us to complete our [brief satisfaction survey](#). The survey has 7 questions and will take 3-5 minutes of your time. We highly value your opinion and look forward to your feedback to help us improve our services! Thank you. धन्यवाद

If you have additional comments or remarks on the newsletter or the website, or if you would like to include a funding scheme, an event or news item, please let us know. The newsletter is meant to be a communication tool for its readers. Interacting with you is very important to us.

We wish you a pleasant reading and a new year full of new links and research & innovation opportunities with Europe!

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EURAXESS Links India Newsletter is a monthly electronic newsletter, edited by EURAXESS Links India, which provides information of specific interest to European and non-European researchers in India 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 India.

Please email to [india@euraxess.net](mailto:india@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.

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Country Representative



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# 1 EU Insight – ERC’s “excellence only” principle leads to grant concentration in EU’s top institutions

In a recent report published by the European Research Council (ERC) on “ERC funding activities 2007-2013”, key facts, patterns and trends on the council’s funding activities are laid down in detail. The report not only shows the grants’ high competitiveness, but – once again – demonstrates that the ERC’s “excellence only” principle leads to a concentration of grants in Europe’s top research institutes and universities.

## The report

The report combines in-house data on ERC funding activities and data from external sources, and covers seven areas of interest: ERC proposal selection and funding, research areas, grant characteristics (such as project duration and costs), demographic profiles of applicants, and analyses of host data, i.e. host institutions of applicants, host countries, and host regions and sub-regional level.

Over the course of FP7, the 18 completed calls for proposals under the five ERC grant schemes received nearly 45,000 applications. With a budget of 7.7 billion euros, corresponding to approximately 15% of the total FP7 budget, 4,556 proposals were funded. While the overall success rate was 10.5%, the rate varied considerably amongst the different ERC grant schemes, e.g. Starting Grant (9%), Advanced Grant (13.8%), and Synergy Grant (2.1%).

## Concentration of grants in Europe’s top research institutes and universities

Between 2007 and 2013, the ERC received close to 42,000 eligible applications for the Starting (StG), Consolidator (CoG), and Advanced (AdG) grant funding schemes from researchers belonging to 113 different nationalities in total.<sup>1</sup> The researchers who received ERC grants under these schemes as Principal Investigators are of 63 different nationalities in total, including those of all 28 EU Member States, and at the time of application, they declared a total of 40 countries of residence, including 27 EU Member States. Without counting countries of nationality with none or very few grantees, the highest success rates are attained by applicants of non-EU nationalities, namely of Swiss (18.2%), Israeli (17.5%) and US (16.7%) nationalities.

As of mid-2014, ERC grant recipients are hosted by about 600 research organisations located in a smaller group of 30 countries (i.e., ‘host

### European Research Council

(ERC) grants support individual researchers of any nationality and age who wish to pursue their frontier research. The ERC encourages in particular proposals that cross disciplinary boundaries, pioneering ideas that address new and emerging fields and applications that introduce unconventional, innovative approaches.

More information on the funding schemes can be found [here](#).

<sup>1</sup> Please note that in the following paragraphs, the data only relates to these three schemes.



countries'), consisting of 25 EU Member States (all but Lithuania, Malta and Romania) and 5 Associated Countries (Iceland, Israel, Norway, Switzerland and Turkey). However, there has also been a noticeable concentration of funding at a small group of Host Institutions. Over 40% of the grants have been awarded to researchers based at the top 31 Host Institutions. The report comes to the conclusion, that given the aims of the ERC, which include channelling resources to the most promising researchers, this distribution can be seen as a strong sign that the ERC is achieving its aims. It should be no surprise that many of Europe's top researchers are already at some of Europe's top research institutions.

**Further information:**

"ERC funding activities 2007-2013 – Key facts, patterns and trends", 2015, [https://erc.europa.eu/sites/default/files/publication/files/ERC\\_funding\\_activities\\_2007\\_2013.pdf](https://erc.europa.eu/sites/default/files/publication/files/ERC_funding_activities_2007_2013.pdf)

"Top institutions dominate in fierce ERC grant battle", University World News, 13 November 2015, Global Edition Issue 390, <http://www.universityworldnews.com/article.php?story=20151113155204222>



## 2 EURAXESS in India

### 2.1 EURAXESS Survey: share your views on EURAXESS Links



EURAXESS Links Network's annual survey to keep improving our services to international researchers is open.

It will only take 3-5 minutes of your precious time to answer the 7 questions of our online survey ([click here](#)).

As there is always room for improvement, we would like to ask you to spend a few minutes completing our brief satisfaction survey.

Any feedback on our work is very much appreciated by the team running the EURAXESS Links Network. Your views are fundamental to us in order to improve our services in the future!

You have until March 15<sup>th</sup>, 2015 to be heard.

### 2.2 EURAXESS Science Slam India 2015: Pictures on Facebook, IndiaBioscience and EU pen drives



EURAXESS Links India community members and readers of this newsletter will be able to find pictures of the the 3<sup>rd</sup> EURAXESS Science Slam India live finals **on Facebook** in December: <https://www.facebook.com/EuraxessLinksIndia>

In case you missed the live finals in Bangalore, here you have what IndiaBioscience (partner in the 3<sup>rd</sup> edition) said about the event: [Snippets from the live finals of the 2015 EURAXESS Science Slam India](#)

If you are amongst the winners of an EU Delegation to India pen drive with information on Research & Innovation opportunities in Europe, you should be receiving it in early 2016.

### 2.3 EURAXESS on Facebook

The EURAXESS Science Slam and other EURAXESS events have been announced and are posted on [Facebook EURAXESS Links India \(NEW!\)](#).

EURAXESS Links India would like to thank all of you who have been following the 3<sup>rd</sup> edition of the Science Slam on Facebook. More events will be coming in 2016. Stay tuned!

You can also follow EU Research & Innovation news on the page of the Delegation of the European Union to India: [Facebook EU in India](#).



## 2.4 Contacting Marie Curie Fellows in India

### **EURAXESS Links India is seeking Marie Skłodowska-Curie Fellows**

Are you a former Marie Curie (now called Marie Skłodowska-Curie) fellow? Are you living in India? You want to share your experience and earn a travel grant to take part in EURAXESS events?

Contact us by email [india@euraxess.net](mailto:india@euraxess.net) to discuss collaboration opportunities and help us promote the European Research Area.

EURAXESS Links India is also working on an event addressed to Marie Curie fellows in 2016. Stay tuned if you are one!

## 2.5 EURAXESS Links India on-site visits in 2016

The Country Representative can present the services offered by 'EURAXESS-Researchers in Motion' and cooperation and career opportunities with Europe on-site – at your university or your research institution, including European or Indian companies on the sub-continent.

If you wish to host such a presentation within your organisation, please contact us at [india@euraxess.net](mailto:india@euraxess.net).

In early February readers will be able to find the tentative calendar of 'EURAXESS Info Day' (full day) or a 'EURAXESS Info Session' (2-3 hours) in India in 2016.

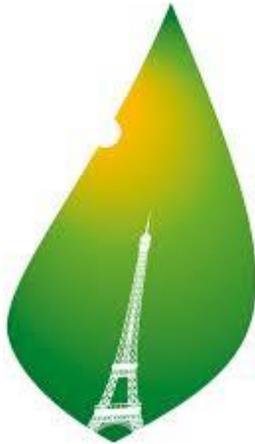


# 3 News & Developments

## 3.1 EU and Multilateral Co-operation

### 3.1.1 Historic climate deal in Paris: EU leads global efforts

The European Union has played a key role in brokering on 12 December a historic agreement in Paris, where 195 countries adopted a new universal, legally binding global climate deal.



COP21 • CMP11  
**PARIS 2015**  
 UN CLIMATE CHANGE CONFERENCE

The ambitious and balanced agreement, the first major multilateral deal of the 21st century, sets out a global action plan to put the world on track to avoid dangerous climate change by limiting global warming to well below 2°C.

The deal is the culmination of years of efforts by the international community to bring about a universal multilateral agreement on climate change. Following limited participation in the Kyoto Protocol and the lack of agreement in Copenhagen in 2009, the EU has been building a broad coalition of developed and developing countries in favour of high ambition that shaped the successful outcome of the Paris conference. The Paris Agreement sends a clear signal to investors, businesses, and policy-makers that the global transition to clean energy is here to stay and resources have to shift away from polluting fossil fuels.

European Commission President Jean-Claude Juncker said: "Today the world is united in the fight against climate change. Today the world gets a lifeline, a last chance to hand over to future generations a world that is more stable, a healthier planet, fairer societies and more prosperous economies. This robust agreement will steer the world towards a global clean energy transition. This deal is also a success for the European Union. We have long been the global leader in climate action, and the Paris Agreement now reflects our ambition worldwide. I would like to thank the EU's chief negotiator Commissioner Miguel Arias Cañete and his team for working day and night to make this agreement happen and for keeping the European Union the central player throughout the negotiations. I am proud of all of you."

EU Climate Action and Energy Commissioner Miguel Arias Cañete said: "This agreement is a major win for Europe. But more importantly, it is a major win for the global community. Europe has led the efforts in Paris to get an ambitious and legally binding global climate deal. We have forged alliances and others have joined. Our key objectives – on the long-term goal, the 5-yearly review cycles and transparency – are in the new agreement. The agreement also reconfirms global commitment to continued support to those in need of assistance. We succeeded. Now, what has been promised must be delivered. Europe will continue to lead the global low-carbon transition we have agreed."

### **The Paris climate deal**

The Paris climate change agreement is a bridge between today's policies and climate-neutrality before the end of the century. In Paris, governments agreed on ambition, commitment, and solidarity.

**Ambition:** Governments agreed a long-term goal of keeping the increase in global average temperature to well below 2°C above pre-industrial levels and to aim to limit the increase to 1.5°C, since this would significantly reduce risks and the impacts of climate change. The agreement calls for global emissions to peak as soon as possible, recognising that this will take longer for developing countries and to undertake rapid reductions thereafter in accordance with the best available science. Before and during the Paris conference, countries submitted comprehensive national climate action plans to reduce their emissions. The sum total of the 185 intended nationally determined contributions prepared in advance of the Paris conference are not yet enough to keep the world below 2°C by the end of the century. However, the agreement traces the way to achieving this target.

**Commitment:** To achieve this common ambition, governments agreed to come together every 5 years to set more ambitious targets as required by science. They also accepted to report to each other and the public on how well they are doing to implement their targets, to ensure transparency and oversight. A global stocktake will take place every five years. A robust



transparency and accountability system will track progress towards the long-term goal.

**Solidarity:** The EU and other developed countries will continue to support climate action to reduce emissions and build resilience to climate change impacts in developing countries. Other countries are encouraged to provide or continue to provide such support voluntarily. Continued and enhanced international support for adaptation will be provided to developing countries. Developed countries intend to continue their existing collective goal to mobilise USD 100 billion per year until 2025 when a new collective goal will be set.

**Full article:** [European Commission](#)

### 3.1.2 EU research and innovation supports delivery on COP21 commitments

The European Commission announced a new Research, Innovation and Competitiveness Strategy of the Energy Union at the 2015 Paris Climate Conference.

The Commission would like the 2015 Paris Climate Conference ([COP21](#)) to make the transition to decarbonisation irreversible and kick-start a low-carbon innovation race. The EU should take the lead in this race through research and innovation (R&I). This is what the Commission is proposing through the Research, Innovation and Competitiveness Strategy of the Energy Union, announced today by Maroš Šefčovič, Commission Vice-President for the Energy Union, and Carlos Moedas, Commissioner for Research, Science and Innovation, at the COP 21 [flagship event](#) on "Research and innovation: Our energy for a low-carbon future".

Commissioner Moedas said: "Limiting the warming of the world's climate to below 2°C from pre-industrial level may be the defining social and scientific endeavour of this century. Our view is that investment in energy research and innovation is still far too low. It is now time for swift and coordinated action. To make low and inconsistent public and private investment in European energy research and innovation is a thing of the past."

R&I will be critical for achieving global climate goals. The EU is expected to invest at least 35% of its EUR 77 billion research and innovation programme, Horizon 2020, into climate-related activities. This is a substantial increase on previous EU programmes, especially as regards investment into clean energy research and innovation.

The research, innovation and competitiveness strategy is a crucial part of the [Energy Union](#), the EU's key energy policy initiative. It will be launched in 2016, and aims to ensure public support for innovative low-carbon technology as well as support the creation of the right policy environment to stimulate innovation and competition. It will also include an "open science – open innovation" initiative on pathways for decarbonisation by 2050, since the low-carbon transition does not only concern the energy sector, but rather society as a whole.

**Full Article:** [European Commission](#)





### 3.1.3 Commission's European Research Council awards 291 young researchers with €429 million in grants



**European Research Council**

Established by the European Commission

The European Research Council (ERC) has announced on 4<sup>th</sup> December the award of its Starting Grants to 291 early-career researchers. On the occasion, Carlos Moedas, European Commissioner for Research, Science and Innovation, said: "We need to keep our most talented researchers in Europe while attracting the new and diverse perspectives of top researchers from elsewhere in the world. These grants ensure many of the world's most exciting ideas are developed right here: giving researchers and scientists the freedom and security to pursue their careers and ambitions on our continent." The funding, worth EUR 429 million in total and up to EUR 1.5 million per grant, will enable them to set up their own research teams and pursue ground-breaking ideas in all disciplines, covering topics like climate change, rare diseases and digital media. See [ERC press release](#) for more details

**Source:** [European Commission](#)

### 3.1.4 Tunisia joins Horizon 2020, the EU's Research and Innovation Programme



Researchers and innovators from Tunisia will now be able to participate in Horizon 2020, the EU's framework programme for research and innovation, under the same conditions as their counterparts from EU Member States and other 13 associated countries. The agreement associating Tunisia to Horizon 2020 is being signed today by Carlos Moedas, European Commissioner for Research, Science and Innovation, and Chiheb Bouden, Tunisian Minister for High Education and Scientific Research.

Commissioner Moedas said: "I am pleased to welcome Tunisia into Horizon 2020, the biggest programme for research and innovation of the world. This agreement is a historical one. It shows that through research and innovation, the EU is supporting the young Tunisian democracy and helping to invest in knowledge as a foundation of future development. Tunisia's accession also shows how a research policy open to the world can bring novel ideas and enrich our common research efforts."

The Association Agreement allows for enhanced cooperation in research and innovation between the EU and Tunisia, vital for successful and modern economies. It also represents another step towards reaching the EU goal of opening research and innovation to the world.

Tunisian research institutes, universities and individual researchers will now have access to all opportunities offered by Horizon 2020 that funds diverse scientific areas, from blue sky research to demonstration projects. Tunisian SMEs and businesses will also be able to benefit from increased support to develop new ideas and bring products and services to the market.

**Source:** [European Commission](#)

### 3.1.5 Commission invests EUR 33 million for quicker market access of 15 new innovative projects

The European Commission is awarding EUR 32.7 million to [15 innovative projects](#) involving 67 partners in 15 countries to help speed up their access to the market. Under the second round of the [Fast Track to Innovation \(FTI\) scheme](#), run under the EU's research and innovation programme Horizon 2020, each of these projects will receive up to EUR 3 million.

The projects include designing a scooping device for fighting forest fires by air, bringing the recovery and reuse of plastic waste from photovoltaic



panels to an industrial scale, developing a novel diagnostic to make a better use of antibiotics, making a mobile 3D-scanner for forensic data and building an exoskeleton to rehabilitate patients with spinal cord or brain injury.

Carlos Moedas, Commissioner for Research, Science and Innovation, said: "Under Horizon 2020 we aim to give top innovative businesses a head start in the race to market. These latest results bring the total investment to nearly EUR 70 million in fast-access EU funding. This instrument is delivering on its promise to promote innovation activities at the close-to market stage."

The FTI scheme was [launched in January 2015](#). This second round of the scheme attracted a total of 229 project proposals involving 922 participants by its cut-off date of 1 September 2015. This brings the total of proposals received since the launch of the programme to 498, of which 31 received more than EUR 68 million in funding. Almost half the project participants in this stage are SMEs.

**Source:** [European Commission](#)

### 3.1.6 Commission proposes a research-friendly copyright for open science and innovation in Europe

European researchers and innovators should have the explicit right to process on a large scale the content to which they have legal access. That is why the [European Commission proposed today](#) a mandatory exception for research in the EU copyright legislation.

This exception should overcome the current fragmented copyright regime across the EU, the lack of clarity around copyright and ownership of derived works, and the inadequacy of licensing solutions. These obstacles have so far hampered the use of technologies commonly known as Text and Data Mining (TDM) in the EU. As a result, researchers – especially those from public interest research organisations – have felt discouraged to use such techniques to analyse vast amounts of digital content.

Carlos Moedas, Commissioner for Research, Science and Innovation, said: "Scientific research is collaborative and knows no borders, so the currently fragmented copyright regime in Europe is simply unacceptable. We also need to ensure that Europe does not fall behind other regions of the world, where text and data mining is already made easy. I have strongly supported a copyright exception for our researchers and innovators because they should be given the best conditions to do their jobs. The exception proposed today will be pivotal in spurring innovation and growth in Europe."

The harmonisation of the copyright exception for scientific research purposes was identified earlier this year as a key for the functioning of the [Digital Single Market](#). The planned exception will help the scientific community and innovative companies that have established collaboration with them – in particular in the case of public-private partnerships – make the best use of digital content they have already lawfully acquired or obtained access to. It will help bring coherence among the EU's 28 Member States and remove key barriers to Open Science and Open Innovation.

The legislative package, including the exception for research, is planned to be released in spring 2016.

**Source:** [European Commission](#)



### 3.1.7 Investment Plan for Europe: over £100 million for new Birmingham super hospital

The European Investment Bank (EIB), Europe's long-term lending institution, has agreed to provide £108 million to support construction of the new Midland Metropolitan Hospital in Birmingham. This construction project is the first hospital to be supported by the new European Fund for Strategic Investments (EFSI), the heart of the [Investment Plan for Europe](#).

Once open in three years' time the brand new hospital will provide state of the art acute healthcare for 530,000 people living in Sandwell and West Birmingham. It will include one of the largest accident and emergency departments in Europe, expected to treat more than 140,000 patients a year.

Source: [European Commission](#)

## 3.2 India

### 3.2.1 Nature Index analysis | Indian Science Ascending

This new publication is the first of new style of reports prepared jointly with the Confederation of Indian Industry (CII) to answer questions about India's place in global science.



This Nature Index report answers questions about India's place in global science, especially when compared with countries that have similar volumes of index output in 2014 and with broadly similar economic conditions (including Australia, Brazil, Italy, Russia, Singapore, South Korea and Taiwan). The report presents a refreshing picture of Indian science showing a marked growth in high-quality scientific publication between 2012 and 2014, and reveals a particular strength in the broad discipline of chemistry.

Free full access: [Nature Index](#)

## 3.3 India-Europe cooperation

### 3.3.1 EU-India STI Cooperation Days in Rome, Italy

The 6th edition of the international event "EU-India Science, Technology and Innovation (STI) Cooperation Days" took place in Rome on 15th and 16th October 2015.

It was jointly organised by the EU-funded **INDIGO POLICY** and **INNO INDIGO** projects ([www.indigoprojects.eu](http://www.indigoprojects.eu)), in partnership with the **Water Supply and Sanitation Technology Platform** ([wsstp.eu](http://wsstp.eu)) and supported by the European Commission. More than 130 SMEs, researchers, and policy makers from 18 different European countries and India joined the event to discuss ongoing and future cooperation and to set the scene for further fruitful initiatives in the field of STI.

The EU-India STI Cooperation Days aim at **supporting new research and business networks** on issues of priority interest for both regions, and to **promote funding opportunities** offered by the EU, its Member States, India, bilateral programmes, and by industry.





Participants had the chance to learn about the latest **policy** developments, meet potential **new partners**, discover how Europeans and Indians can work together to tackle common challenges, and participate in remarkably **interactive discussions** to shape the future cooperation between Europe and India. They could also learn about the basic elements of business development and specific applications to the EU-India context.

Conference highlights:



- **Showcasing Indo-European Cooperation** presented on-going and finalised Indo-European multilateral cooperation projects in Water Research. All presentations were of a high standard and the audience truly enjoyed of the **energetic, yet scientific, presentations**.

- The **Young Scientist Competition 2015** gave young researchers from India and Europe the opportunity to promote their research projects and ideas for cooperation. Three finalists were invited to showcase their ideas. After an extremely tight competition, **Sreemoyee Ghosh Ray** was voted the Indigo Young Scientist 2015 with her entry "Two-stage efficient process for distillery wastewater treatment with simultaneous recovery of value-added by-products and bioelectricity".

- The participants also convened in the form of **Open Space** to create a self-organising agenda and work on projects that participants had a passion for. It was framed by the question: "How can we strengthen cooperation on research and innovation between the EU and India?"

- The **Networking Café** offered more than seventy participants a good opportunity to meet with new partners. During the two-hour session, **more than one hundred face-to-face meetings** prearranged by the organisers took place. Many first contacts were made and opportunities for further scientific cooperation and technology transfer were discussed.

- The aim of the **Water EU-India session** was to showcase strategic EU initiatives in the field of water and that have strong relationships with India. How can these initiatives contribute to overall challenges like the Clean Ganga initiative?

- During the **masterclass business development**, the audience got an inside view into business development and in particular into open innovation, collaboration, risk and failure, business model canvas. The aim was to energise the audience and give them inspiration to do business and research in a different way.

Presentations at 6<sup>th</sup> EU-India STI Cooperations Days: [INDIGO projects](#)

### 3.3.2 First EqUIP symposium on Inequalities, Growth and Place/Space

The EU-India Social Science and Humanities Platform ([EqUIP](#)) held its first symposium on Inequalities, Growth and Place/Space in New Delhi on 19-20 October 2015. This was organised and hosted by the Indian Council of Social Science Research (ICSSR). The symposium brought together Indian and European academics.

A staff exchange scheme between partner countries, held a few weeks in advance of this symposium, helped tighten links between Indian and EU research agencies.

Read more: [EqUIP](#)





### 3.3.3 ‘Lift India’ event in Bangalore



[Lift India](#) was a key international event about innovation and digital technologies taking place in Bangalore and Mumbai on October 27-31. It featured a 1-day conference with inspiring speeches and truly interactive workshops, a Swiss Innovation Night with top projects from both countries and an exhibition of interactive media projects and prototypes to play with!

Over the course of a full week of events, Lift India, an initiative in collaboration with [Swissnex India](#), brought together more than 400 people from the main cities of India, Asia and Europe.

The festivities started on Tuesday, October 27, with the opening of the Data Canvas: Sense Your City exhibition at the [National Gallery of Modern Art](#) in Bangalore (NGMA). The next day, 7 of the best Swiss startups of 2015 joined the Lift team for a crash-course on business in India and a visit of a few hand-picked innovation hubs of Bangalore. This discovery tour culminated with the Swiss Innovation Night on Friday 30, a fast-paced pitching session in front of representatives from corporations and governments, investors and fellow innovators, held at the Mövenpick hotel.

On Saturday 31, all gathered back at the NGMA for the one-day, invitation-only Lift India conference, featuring our renowned combination of inspirational talks, workshops, masterclasses and interactive exhibition. Finally, the discovery tour headed to Mumbai for a soft landing into the innovation ecosystem at [Zone Startups](#) and a few meetings with key industry leaders.

To know more, have a look at the recap article: <http://liftconference.com/news/2015/11/26/lift-india-2015-recap-article-part-1>

### 3.3.4 Solar Family by Shared Electric

*by Anubhav Ratha*



Solar Family is an India-focused initiative by our Zurich-based startup Shared Electric GmbH. It includes the online data platform-SolarFamily.ORG and our product Solar Family Installers' Toolkit.

SolarFamily.ORG: We are building the world's largest Solar Energy Data Initiative - collecting data from each and every solar panel in India and showcasing them at a single place. Having all real-time solar generation data at one place will make the task of integrating all those power plants cheaper: network planners can plan their upgrades better, policy makers can better understand the impact. And finally the visibility will also speed up and catalyze the revolution. The platform will be open to many data standards so live data can be captured from existing solar panel installations and new ones as they come up- from installations in households to large megawatt-scale solar parks.

Solar Family Installers' Toolkit is a cloud-enabled monitoring system and software toolkit for Indian solar rooftop PV installers and system integrators. Our clients, small and medium-size rooftop solar PV installers, will get: Monitoring Hardware units, access to the Web Portal





and a Mobile App for their clients.

The Monitoring Hardware is an affordable, easy-to-install, non-intrusive device put next to the solar PV system measures and transmits data to a cloud-based server.

Using the Mobile App, owners of rooftop PV systems get a simple yet deep understanding of their savings. They are engaged with games and useful energy insights on how they are contributing to help fight global warming.

In Web Portal, installers have information about all clients at one place; they can monitor the health status of their installations. They have a live map showing real-time generation from all projects, which they can use to attract more clients.

[www.solarfamily.in](http://www.solarfamily.in) | [www.solarfamily.org](http://www.solarfamily.org) | [www.sharedelectric.com](http://www.sharedelectric.com)

*Note of the editor: SolarFaminy was one of the startups at Lift India.*

### 3.3.5 Jo Johnson MP announces £20m programmes in food security at RCUK India impact event

UK ministers Rt Hon Sajid Javid MP, Secretary of State for Business, Innovation and Skills, and Jo Johnson MP, Minister of State for Universities and Science were on a multi-city visit to India (9-11 December 2015) to promote cooperation in education, skills and research.

Part of the ministerial programme was RCUK India Impact event at the Indian Institute of Science (IISc) Bengaluru, in partnership with the UK Science and Innovation Network (SIN) on 10 December. At the event Jo Johnson MP applauded the increasing research and innovation cooperation between the UK and India. He announced the following two new joint research programmes that further augment UK-India research ties:

1. **Research and Innovation Bridge on Food Processing:** £10 million [UK-India agri-food](#), funded by Innovate UK, RCUK and DBT
2. **Virtual Joint Centres in Agricultural Nitrogen:** £10 million UK-India investment from the Newton-Bhabha fund, partnership with BBSRC-DBT-NERC

### 3.3.6 DBT's 30th anniversary in partnership with RCUK India

The Indian Department of Biotechnology (DBT) is celebrating 30 years since its foundation with a series of events leading up to the 30th anniversary of its Foundation Day in February 2016.

One of DBT's key celebratory events was a networking evening in partnership with Research Councils UK (RCUK) India, held on Thursday, 19 November 2015 at the British High Commission in New Delhi, to showcase the highly successful India-UK collaborative research portfolio.

At the event Professor Vijay Raghavan, Secretary to DBT and Professor Jane Elliott, RCUK's International Champion and Chief Executive ESRC, signed an RCUK- DBT letter of intent to work together in Climate Change and Agriculture, Antimicrobial Resistance, and Vaccine Development. This



new initiative was announced during the visit of Indian Prime Minister Narendra Modi to the UK earlier in the month.

The event brought together senior representatives from the UK and India such as, Professor Sir Mark Walport, the UK Government Chief Scientific Adviser, and Dr R. Chidambaram, the Principal Scientific Adviser to the Government of India; along with senior researchers and policy makers. [Read more](#)

Earlier in the day, Sir Mark convened the UK-India Science and Innovation Policy Dialogue focussing discussions around UK-India Science and Innovation policy, celebrating bilateral research investments crossing the £200m mark and agreeing next steps to further expand the science and innovation relationship. It was agreed that the UK-India research partnership should progress towards becoming more diverse and multidisciplinary. [Read more](#)

### 3.3.7 SESEI's Newsletter Europe - October 2015

On the 10th edition of the SESEI Newsletter - Europe covering recent developments and key issues concerning the priority sectors of Project SESEI the readers will find, among others news on the following:

As evident from the magnitude of updates under the topic of "Smart City", Indian cities are on a rapid pace to move in becoming Smart Cities. The operational guidelines for the Smart City were issued earlier and recently, the union government has released the list of 98 cities that will be developed under the Smart Cities mission. These 98 cities together have a population of 130 Million, accounting for 35% of India's urban population. The Bureau of Indian Standards (BIS) under the Civil Engineering Division Council (CED) has started the work with the various stakeholders for formation of standards for Smart City while closely studying the ISO 37120 and identifying new indicators suitable to Indian context.

Read newsletter on: [SESEI](#)

### 3.3.8 swissnex in India | INSight December 2015: Wrapping up an exciting 2015!

What made 2015 so special for swissnex India? A long list of exciting events, a special focus on the Year of Swiss Innovation, new academic partnerships, a sense of fulfilment of having empowered nearly 50 startups, unique events combining science and arts... all these and more.

Take a tour of 2015: [Facebook](#)

## 4 Grants & Fellowships

### 4.1 National EURAXESS Portals

The latest information on open calls for national grants and fellowships in the 40 member countries of the EURAXESS network can be accessed on the respective **national EURAXESS portals**:

[Albania](#), [Austria](#), [Belgium](#), [Bosnia-Herzegovina](#), [Bulgaria](#), [Croatia](#), [Cyprus](#), [Czech Republic](#), [Denmark](#), [Estonia](#), [Faroe Islands](#), [Finland](#), [France](#),

#### About Project SESEI

SESEI stands for "Secoded European Standardization Expert in India" and is a 5 partner's project based in New Delhi, India, with the objective to increase visibility of European standardization and promote EU/EFTA-India cooperation on standards and related issues.

The Project is managed by the European Telecommunications Standards Institute (ETSI), a European Union recognized Standards Organization, and is further supported by the other two recognized EU Standards Organizations CEN and CENELEC. The two other partners to this Project are the European Commission and the European Free Trade Association. It is a Standardization focused project, with a priority emphasis on the following sectors: ICT, Automotive, Machinery, and Electronic Appliances including Consumer Electronics.



[FYRoMacedonia](#), [Germany](#), [Greece](#), [Hungary](#), [Iceland](#), [Ireland](#), [Israel](#), [Italy](#), [Latvia](#), [Lithuania](#), [Luxembourg](#), [Malta](#), [Moldova](#), [Montenegro](#), [Netherlands](#), [Norway](#), [Poland](#), [Portugal](#), [Romania](#), [Serbia](#), [Slovakia](#), [Slovenia](#), [Spain](#), [Sweden](#), [Switzerland](#), [Turkey](#), [United Kingdom](#).



Access to all national EURAXESS Portals (overview): [here](#)

Besides providing information on funding opportunities for incoming international and European researchers, staff at the EURAXESS Service Centres offer individual assistance on all aspects of researcher mobility.

## 4.2 BIRAC-CEFIPRA Joint Call: “Red Biotechnology up to pre-commercialization stage”

**Application deadline: 15 January 2016**



Themes of the Call

Molecular diagnostic for prediction of Alzheimer’s and other dementia;

New assisting technologies for mobility of physically challenged (incl. prosthesis and robotics applications)

Biomaterials and cell engineering for health applications

BIRAC, a Government of Enterprise, has been set up to promote and nurture affordable innovation research. CEFIPRA is an Indo-French bilateral organization, which aims to promote collaborative research between India and France in cutting edge science and technology.

BIRAC and the French Embassy in India, represented by the Science and Technology Service (SST) have joint together to support Indian and French collaborative projects involving academic actors, biotech start-ups and SMEs for promoting the innovation ecosystem in both the countries.. On behalf of BIRAC & French Embassy in India, CEFIPRA will manage this programme.

All details for this call on: [CEFIPRA](#)

## 4.3 BIRAC-BpifranceFinancement-CEFIPRA I Joint Expression of Interest on Digital Health

**Deadline: 16 February 2016**

Indo-French Centre for the Promotion of Advanced Research (CEFIPRA) is India’s first and France’s only bilateral organization, Biotechnology Industry Research Assistance Council (BIRAC), a Public Sector Undertaking ‘Not-for-Profit Company’ under Ministry of Science & Technology, Government of India and Bpifrancefinancement (hereafter referred as Bpifrance) , a public investment bank, Francelaunch joint call for Expression of Interest



(JEOI) for Indian & French SME/ Companies/ startup in the area of red biotechnology upto commercialization.

*Areas of Collaboration (targeted topics for the call):* The Project proposal will be focused on development of industrial application oriented health technologies in the areas of:

- *Digital healthcare:* ehealth, Tele-monitoring, Tele-care connected health, health IT, Big data, e-patients, internet of M-health things “m-IoT”, 4Ghealth.
- *Individualized medicine:* Develop

Read more: [CEFIPRA](#)

#### 4.4 India–UK collaborative industrial research and development competition: Clean-tech, affordable healthcare and ICT

**Deadline: 13 April 2016**

Innovate UK and DST/GITA announced the 3rd round of the collaborative call investing up to £3.4 million in collaborative industrial research and development projects that propose new commercial solutions to critical challenges impacting the socio-economic growth and development of India in relation to its clean-tech, healthcare and ICT sectors.

Read more: [Innovate UK](#)

#### 4.5 Communication & Knowledge Transfer position (Portugal): PRE-APPLICATIONS open

**Deadline for pre-applications: 15 January 2016**

The Centre for Biomedical Research (CBMR) welcomes pre-applications for the up-coming FCT call: **Communication and Knowledge Transfer**. This call will award 40 positions for Science Communication and Research Management in FCT-funded R&D units. Candidates must hold a PhD degree.

CBMR is a research centre located at the University of Algarve (Faro, Portugal) dedicated to research in Biomedical Sciences (<http://cbmr.ualg.pt>). It has recently been very positively evaluated and receives significant funding from FCT to support its strategic programme. CBMR is composed of several groups performing internationally competitive research on several biomedical-related topics.

The pre-applications should include:

- cover letter with a brief description of the candidate's motivation;
- curriculum vitae;
- name and contact of up to two (2) references.

Each application will be reviewed by a selection committee, and following a positive pre-selection the candidate will proceed with the submission of her/his application to FCT, with the support of CBMR and the University of Algarve.



For inquiries please contact [cbmr@ualg.pt](mailto:cbmr@ualg.pt)

For detailed information about eligibility, regulations and submission procedure, consult [Regulation n. 749/2015](#).

#### 4.6 Inserm (FRANCE): Competitive Recruitment for Researchers: 93 positions in Biomedical research

Deadline: **8 January 2016**

[Inserm](#) is the only French public research institute to focus entirely on human health. Click on the text in blue to find out all details:

- [Competitive Recruitment for Research Associates \(CR2 or CR1\)](#)
- [Competitive Recruitment for Junior Directors of Research \(DR2\)](#)

#### 4.7 Israel: Global Health Summer Program - Full Scholarship Available

**Application deadline: 15 February 2016**

Global health is the study of health in the context of globalisation. It emerges as an interdisciplinary field incorporating theory and social involvement, and disciplines such as medicine, epidemiology, sociology and more. The learning experience will combine classes, professional field trips and practicum, which will enable students to explore the realities of health and society in southern Israel.

*The program's important dates are:*

- Application deadline: Feb 15th 2016
- Notification of Acceptance: March 21st 2016
- Courses dates: July 5th- August 2nd 2016

BGU would be very grateful if you could pass on this information to as many relevant students, faculty and contacts who could find it useful.

A bit about BGU:

- BGU is ranked 30 in the QS 50 under 50
- BGU belongs to the top 100 global universities in 2013 for number of US utility patents awarded annually.
- BGU is the first Israeli University to become a member of US National Academy of Inventors
- BGU is Ranked 49 in the top 100 schools worldwide for cyber research

Read more: [Ben-Gurion University of the Negev \(BGU\)](#)



## 4.8 Erasmus Mundus I Master in Chemical Innovation and Regulation - Application is open now!

**Deadline for grant application: 15 January 2016**

The **Erasmus Mundus Master Course in Chemical Innovation and Regulation (EMMC-ChIR)** is an **Erasmus Mundus Joint Master Degree** concerned with the **safety and regulation of chemical substances**.

The **EMMC-ChIR** curriculum provides students, be they novices or experts, with the knowledge and tools needed to **manage the risks of chemicals** from a **scientific, regulatory, and economic** perspective, and meet the **requirements of chemical legislation worldwide**.

The **EMMC-ChIR** is managed by the consortium of the four full-partner European Universities: University of Algarve, (Portugal, Coordinator), University of Barcelona (Spain), University of Bologna (Italy) and Heriot-Watt University (UK).

Students that studied **ChIR** have encountered many **life-changing experiences**:

1) from **expanding their knowledge of other nationalities and cultures** (our students come from many different countries all over the world) and **learning new languages** by having the **chance to live in two or more countries** during their **2-year** course (students' mobility is essential, i.e., after the first academic year of a taught course in one of the full-partner European Universities, students move to the other of four universities for their research project and thesis);

2) from **building their own study plan** to experiencing **academic quality in teaching** by **professionals from different countries and backgrounds**. In the end our students benefit from receiving a highly valued **Joint Master Degree**, officially recognized in several European Countries.

The **application** for the next **ChIR** edition will close in **September 2016**. The **deadline** for the **Erasmus Mundus grants** is **January 15<sup>th</sup> 2016**.

We would like to encourage students to study **Innovation and Regulation in Chemistry**. We believe is that students are not yet being well informed about the possibility of taking **EMMC-ChIR** as well as any other **Erasmus Mundus Joint Master Degree** under Erasmus+ Programme.

Please share this information with your **friends, colleagues and students**. If any of you wish to obtain more information please contact us by [emmcchir@ualg.pt](mailto:emmcchir@ualg.pt) and we will gladly provide it.

## 4.9 Call for Papers I 25th IEEE International Symposium on Human and Robot Interactive Communication (RO-MAN 2016)

**CfP deadline: 15 January 2016**

Other Submission Deadlines:

Proposals for Special Sessions: **January 15, 2016**

Workshops & Tutorials: **January 15, 2016**



Full Papers: February 12, 2016  
 Interactive Session (Extended Abstracts): May 22, 2016  
 Demonstration Session: May 22, 2016  
 Video Session: May 22, 2016

The IEEE International Symposium on Robot and Human Interactive Communication (RO-MAN) for 2016 will be held from August 26 – 31, 2016 at Columbia University, Teachers College in New York City! The conference will highlight productive working partnerships between humans and robots by convening the theme of Human-Robot Collaboration that includes robotic use in research and design, and the development of robots that interact collaboratively with humans, and support human-human collaboration.

This coming year is the 25th anniversary of RO-MAN, and the organizing committee would like to take this opportunity to acknowledge the progress that has been made in the robots/robotics field, as well as examine how the area of robotics is evolving in the areas of robot designs; interfaces and interaction modalities; robot autonomy and teleoperation; robot expressiveness; interaction kinesics; social/emotional learning and skill acquisition by robots; and design of best practices when optimizing for human-robot interaction.

Read more: [RO-MAN2016](#)

#### 4.10 Call for Papers I International Graduate Conference on South Asia I Politics in South Asia: International and Domestic Dimensions

**CfP deadline: 30 January 2016**

Read details on: [EURAXESS Links India](#)

#### 4.11 Forthcoming calls

*Under HORIZON 2020:*

**New HORIZON 2020 Work Programme 2016-2017: [here](#)**

**European Research Council (ERC)'s Work Programme 2016: [here](#)**

**Excellence in Science I [MSCA Individual Fellowships \(IF\)](#)**

Planned opening date: 12 April 2016

Deadline for submission of application: 14 September 2016

Dates for call in [2017](#)

**Excellence in Science I Marie Skłodowska Curie Research and Innovation Staff Exchange (RISE) [2016](#) and [2017](#).**

Deadlines: 28 April 2016 and 5 April 2017.

**Excellence in Science I Marie Skłodowska Curie Innovative Training Networks (ITN) [2016](#) and [2017](#).**





Deadlines: **12 January 2016** and 10 January 2017.

**Industrial Leadership | Horizon Prize | [MATERIALS FOR CLEAN AIR](#)**

Planned opening date: 26 January 2017



**4.12 Calls still open (over 50 opportunities!!)**

*(see previous newsletters or click on the respective link for more details)*



**HORIZON 2020 – Calls for proposals (collaborative projects):** access all calls under **Industrial Leadership** and **Societal Challenges** pillars on the [Horizon 2020 Participant Portal](#).

*Over 40 new calls have been launched in October 2015 under these two pillars.*

Deadline for submission: **check under specific call.**

**EURAXESS Links India** pays particular attention to calls open to individual researchers under the **Excellent Science** pillar (see below).

The following *calls under HORIZON 2020* are highlighted here:

**Excellent Science - [ERC Consolidator Grant](#)**

Deadline: **2 February 2016**

ERC Consolidator Grants are designed to support researchers at the stage at which they are consolidating their own independent research team or programme. The scheme will strengthen independent and excellent new individual research teams that have been recently created.

ERC Consolidator Grants in brief:

- For researchers of any nationality with over 7 and up to 12 years of experience since completion of PhD (or equivalent degree) and scientific track record showing great promise
- An excellent research proposal
- Research must be conducted in a public or private research organisation (known as a Host Institution/HI) located in one of the EU Member State or Associated Countries
- Funding per grant: up to EUR 2 million
- Duration: up to 5 years
- Sole evaluation criterion: scientific excellence of researcher and research proposal

Calls for proposals: published once a year.

Read more: [Horizon 2020 Participant Portal](#)





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## Excellent Science – [ERC Proof of Concept Grant](#)

**Deadlines: 16 February 2016, 26 May 2016 and 4 October 2016**



### *Objectives*

Frontier research often generates unexpected or new opportunities for commercial or societal application. The ERC Proof of Concept Grants aim to maximise the value of the excellent research that the ERC funds, by funding further work (i.e. activities which were not scheduled to be funded by the original ERC frontier research grant) to verify the innovation potential of ideas arising from ERC funded projects. Proof of Concept Grants are therefore on offer only to Principal Investigators whose proposals draw substantially on their ERC funded research.

### *Ethical Principles*

All proposals will be subject to ethics review as with proposals for the ERC's frontier research grants.

### *Eligibility Criteria*

#### **Eligible Principal Investigator**

All Principal Investigators in an ERC frontier research project, that is either on-going or has ended [where the duration of the project fixed in the ERC Grant Agreement has ended] less than 12 months before the opening date of this call, are eligible to participate and apply for an ERC Proof of Concept Grant.

A Principal Investigator whose proposal was rejected on the grounds of a breach of research integrity in the calls for proposals under Work Programmes 2014 or 2015 may not submit a proposal to the calls for proposals made under Work Programme 2016.

#### **Eligible projects**

All proposals must be complete and be submitted before the relevant call deadline. Incomplete proposals may be declared ineligible.

The content of the proposal must relate to the objectives and to the grant type set out in the call, as defined in this work programme. A proposal will only be deemed ineligible on grounds of 'scope' in clear-cut cases.

Where there is a doubt on the eligibility of a proposal, the peer review evaluation may proceed pending a decision following an eligibility review committee. If it becomes clear before, during or after the peer review evaluation phase, that one or more of the eligibility criteria has not been met, the proposal will be declared ineligible and not considered any further.

Applicants will need to demonstrate the relation between the idea to be taken to proof of concept and the ERC frontier research project (Starting, Consolidator, Advanced or Synergy) in question.

More than one Proof of Concept Grant may be awarded per ERC funded frontier research project but only one Proof of Concept project may be running at any one time for the same ERC frontier research project [this limit also applies to Synergy projects].

#### **Eligible Host Institution**

The host institution (Applicant Legal Entity [please see important information for Principal Investigators, Candidates, Tenderers and Grant



Applicants on possible registration of legal entities in the Commission's Early Warning System (EWS) and Central Exclusion Database (CED) on final page]) must engage the Principal Investigator for at least the duration of the proof of concept project as defined in the grant agreement and must be established in a Member State or an Associated Country[it may also be an International European Interest Organisation (such as CERN, EMBL, etc.), the European Commission's Joint Research Centre (JRC), or an entity created under EU law. Any type of legal entity, public or private, including universities, research organisations as well as undertakings can host the Principal Investigator and his/her team].

Please also refer to Annex 3 - Countries Associated to Horizon 2020 and Restrictions Applying to Some Legal Entities Established in Certain Third Countries.

*Maximum size of grant and grant assessment*

The financial contribution will be up to a maximum of **EUR 150,000** for a period of **18 months**. The ERC expects that normally, proof of concept projects should be completed within 12 months. However, to allow for those projects that require more preparation time, projects will be signed for 18 months. Given this initial flexibility, extensions of the duration of proof of concept projects may be granted only exceptionally.

The overall level of the funding offered will be assessed during the evaluation. The funding requested by the applicant will be judged against the needs of the proposed activity before award. The funding requested by the Principal Investigator must be fully justified by an estimation of the actual costs for the proposed activities.

The Union financial contribution will take the form of the reimbursement of up to 100% of the total eligible and approved direct costs and of flat-rate financing of indirect costs on the basis of 25% of the total eligible direct costs [[Excluding the direct costs for subcontracting and the costs of resources made available by third parties which are not used on the premises of the host institution.]]. The level of the awarded grant represents a maximum overall figure – the final amount to be paid must be justified on the basis of the costs actually incurred for the project.

The indicative budget for this call for 2016 is **EUR 20,000 000** (approximately one-third of which will be for each of the three evaluation rounds following three specific deadlines - proposals submitted before each cut-off date will be evaluated with the proposals submitted before the same cut-off date).

Read more: [Horizon 2020 Participant Portal](#)

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**Call open for engaged scientists with strong competence in CRISPR technology by EU Marie Curie Chair**

The [EU Marie Curie Chair | Birgit Arnholt-Schmitt](#) is especially dedicated to initiating new directions in thinking in the area of applied botany by combining interdisciplinarity and systemic thinking, and through linking



fundamental leading-edge research directly to application in molecular plant breeding for sustainable agriculture and for alternative energy supply.



#### Industrial Leadership | [Horizon Prize | Better use of Antibiotics](#)

Deadline: **17 August 2016**

The Horizon Prize for **better use of antibiotics** is a EUR 1 million prize that will be awarded to the person or team who can most effectively meet the following challenge: develop a rapid test that can identify at the point of care patients with upper respiratory tract infections that can safely be managed without antibiotics. In this context, "Upper Respiratory Tract Infections" include pharyngitis, sinusitis, otitis as well as bronchitis.



#### Industrial Leadership | [Horizon Prize | Breaking the Optical Transmission barriers](#)

Deadline: **15 March 2016**

The Horizon Prize for **breaking the optical transmission barriers** is a EUR 500,000 challenge prize. It will be awarded to a solution that maximises the fibre capacity per channel, spectrum range and/or spectral efficiency and reach. It should also be energy efficient, economically viable, and easy to install and deploy. The solution should have strong potential to be adopted in future generations of optical-system products. The feasibility of the approach will have to be demonstrated through clear experimental results.

*Other European calls (Europe-India specific or where India involved):*

#### Erasmus Mundus EUPHRATES: [Call OPEN for Indian students and researchers](#)

Deadline: **7 January 2016**

#### Indo-Dutch: [Cooperation between The Netherlands and India on X-ray Astronomy and Technology](#)

Deadline: **no deadline applicable.**

#### CSIR-BMBF: [Joint Call for Proposals 2016-17](#)

Deadline: **6 January 2016**

Council of Scientific and Industrial Research (CSIR), Government of India and German Ministry of Education and Research (BMBF) invite proposals to simulate new collaborations between India and Germany in the field of Science and Technology.

#### Newton-Bhabha | [India-UK research and innovation bridges competition: Agri-food](#)

Deadline: **27 January 2016** (prior registration by 20 January 2016)

*Calls from European Research Area countries (not only for India):*

#### Programme from the European University Institute: [funding schemes for the Humanities](#)

Deadline: **31 January 2016**

**AUSTRIA: [Lise Meitner Programme for scientists from abroad](#)**

Deadline: accepted continuously, **no application deadlines**

**AUSTRIA: [Austrian Database for Scholarships and Research Grants](#)****BELGIUM: [PRoF call for candidates 2016 | Innovation](#)**

Deadline: **1 March 2016**

**FRANCE: [“Connect Talent” 2015 International Call for Projects](#)**

Deadlines: 28 April 2015 (closed), September 2015 (closed) and **February 2016**

Support funded by Pays de la Loire Region to research, training and innovation "breakthrough projects".

*Eligible fields:* acoustics, vegetal, renewable marine energies, numeric, professional electronics, agro food, tourism, material for molecular photonics and organic electronics, European studies, creative and cultural industries, amongst others.

**FRANCE: [LE STUDIUM | Postdoctoral fellowships](#) in region Centre-Val de Loire (France)**

Deadline: **8 February 2016**

LE STUDIUM finances several research awards to welcome experienced international researchers in the region for a one-year residency or a few weeks in a high level host laboratory of the region Centre-Val de Loire of France. In parallel, LE STUDIUM leads a scientific animation that allows cross-disciplinary exchanges and the creation of long lasting relationships between international research teams.

The call for applications, open from November to February each year, enables LE STUDIUM to select high-level candidates with ambitious research projects.

**GERMANY: [Humboldt Foundation and Max Planck Society call for nominations for the Max Planck Research Award 2016](#)**

Deadline for nominations: **15 January 2015**

Since 2004, the Max Planck Research Award is conferred annually to two internationally renowned scientists, one of whom works in Germany and one of whom works abroad.

The Max Planck Research Award 2016 will be conferred in the area of life sciences in the subject

**GERMANY: Indo German Partnerships in Higher Education (IGP)**

Application Deadline: **1 March 2016**

For Indians: click on [UGC](#)

For Germans: click on [DAAD](#)

**GERMANY: [Georg Forster Research Fellowship \(HERMES\) - Top opportunities for researchers from developing countries](#)**

Deadline: There is **no closing date** for submitting applications.

**GERMANY: [Humboldt Research Fellowship for Postdoctoral Researchers](#)**



Deadline: There is **no closing date** for submitting applications.

**GERMANY: [PhD and Postdoc Positions at the Freie University Berlin](#)**

Deadline: **no specific deadline**

Applications for 21 Ph.D. positions in the fields of Social Science and Natural Science (11 in Social Science & Humanities, 6 in Natural Science) and also 10 positions for Post Docs (4 on Social Science, 6 in Natural Science) invited.

**POLAND: [Foundation for Polish Science – Ideas for Poland](#)**

Deadline: Applications **accepted on a rolling basis**

Eligible applicants: Winners of the “ERC Starting Grants” competition who intend to pursue scientific research in Poland.

**POLAND: [POLONEZ: funding addressed to incoming researchers for 12-24-month \(MSCA COFUND\)](#)**

Deadline: **15 December 2015**

**PORTUGAL: [New Media and Pervasive Systems PhD Programme by COPELABS and University Lusofona](#)**

Deadline for application: **different deadlines**

**TURKEY: [TÜBİTAK – Research Fellowship Programme for International Researchers](#)**

Applications will be accepted **twice a year**. Application deadlines for 2015:

I. Period : 16 March 2015 - 20 April 2015 - **CLOSED**

II. Period : 14 September 2015 - 19 October 2015 – **CLOSED**

## 5 Jobs

### 5.1 EURAXESS Portal and EURAXESS Jobs

The [EURAXESS Portal](#) provides links to information on career and grant opportunities in science and technology mainly in European countries.

For research careers in Europe and the world, visit the [EURAXESS Jobs](#) website! **It includes fellowships such as Marie Skłodowska-Curie as well as vacancies advertised by Science AAAS (the American Association for the Advancement of Science) and Alumniportal (Germany).** EURAXESS Jobs vacancies are also seen at the Naturejobs portal.

Currently, there are **7167** research *jobs and fellowship* programmes (all over Europe, but also in other countries such as in India and in all disciplines, including social sciences and humanities) accessible via the EURAXESS Jobs database.

Most jobs are open to researchers of any nationality.

*Example of offer in India* (also published on [EURAXESS Links India](#) website):

[Scientist Recruitment – 2015 in the area of Drugs, Pharmaceuticals and Biomedical Research](#) at CSIR-Central Drug Research Institute





Last Date for Registration for Online Application: Friday, 22 January 2016

Last Date for Submission of Online Application: Friday, 5 February 2016

*Example of offers funded by Marie Skłodowska-Curie Actions:*

[Marie Skłodowska Curie Innovative Training Network 'Tendon Therapy Train' \(H2020-MSCA-ITN-2015 / #676338\)](#) | **PhD Programme**

Application deadline: **30 December 2015**

This research, training and innovation programme will exploit recent advances in modular engineering to develop novel advanced therapy medicinal products for human and equine tendon repair and regeneration. The network comprises of seven academic institutes, seven companies and two hospitals from six European countries (Ireland, Greece, Netherlands, United Kingdom, Portugal and France).

[16 fellowships under the H.C. Ørsted Postdoc COFUND Programme](#) | **Postdoc**

Application deadline: **23 February 2015**

Technical University of Denmark (DTU) invites highly talented young researchers who have obtained outstanding results during their PhD studies and demonstrated excellence and potential in their field of study to apply for one of the fellowships under the international H.C. Ørsted Postdoc COFUND Programme.

## 5.2 More research career websites

### 5.2.1 Other EU Research Career Sites

- [Find A Postdoc](#)
- [Find scholarships in Europe](#)
- [Find PhDs in Europe](#)
- [Career.edu](#)
- [Academic Jobs EU](#)
- [Euro Science Jobs](#)
- [European Job Mobility Portal](#)
- [EuroBrussels](#)
- [European Southern Observatory \(ESO\) recruitment portal](#)
- [CERN job portal](#)
- [Joint Research Centre external staff recruitment portal](#)

### 5.2.2 Jobs Portals in Member States and Associated Countries

- [Austrian Database for Scholarships and Research Grants](#)
- [Belgian Federal Portal for Research and Innovation](#)
- [Cyprus' Research Promotion Foundation Database](#)
- [Danish Ministry of Higher Education](#)
- [Estonian Research Portal](#)
- [France PhD portal](#) (FR)
- [CNRS external examination portal](#) (FR)
- [DAAD's Research in Germany Portal](#) (DE)
- [DAAD Research Fellowships and Grants Portal](#) (DE)
- [Max Planck Society's job portal](#) (DE)
- [Helmoltz Association's job portal](#) (DE)
- [Irish Research Council Funding Portal](#) (IE)
- [Italian National Research Council vacancies](#) (IT)
- [BBSRC vacancies](#) (UK)
- [Science and Technology Facilities Council vacancies](#) (UK)



### 5.3 JRC Call for expressions: European Researchers (postdocs) – *Still open*



Joint Research Centre

The Joint Research Centre (JRC) has just launched a call for expressions of interest for the recruitment of fixed-term contracts. As the European Commission's in-house science service, the Joint Research Centre provides the science for EU policy making, providing a unique opportunity to make your work count. Successful candidates will work in one of the JRC sites, located in Germany, Belgium, Italy, Spain and the Netherlands.

The selection is open to applicants from the EU Member States or from one of the countries associated with the Horizon 2020 research and innovation programme.

Eligible fields are: Biology, Chemistry, Natural Sciences, Life Sciences, Biochemistry, Oceanography/Marine Sciences, Nanotechnology, Nanobiotechnology, Veterinary, Engineering, Mathematics, Physics, Computer Sciences, Statistics, Material Sciences, Economics, Political Sciences, Social Sciences, Educational Sciences, Psychology, Geography, Environmental Sciences, Agricultural Sciences, Agricultural Engineering, Meteorology, Ecology, Forestry, Geology, Hydrological Sciences, Medical Sciences, Pharmacy, Nutritional Sciences.

More info: [Joint Research Centre](http://ec.europa.eu/jrc)

### 5.4 ERC: Early-Stage-Researcher/PhD positions: Distributed optimization in cyber-physical networks

Early-stage-researcher/PhD positions will be available starting Fall 2015 within the ERC Starting Grant project OPT4SMART. Research will be conducted at the Università del Salento (Lecce, Italy), under the supervision of Prof.

Giuseppe Notarstefano. They are looking for **motivated, talented graduate students from all over the world**, who wish to:

undertake PhD research at the cutting edge of optimization and control

in cyber-physical networks;

contribute to the startup of an excellent, international new research group;

study in one of the most beautiful Italian cities with a great quality of life.

For PhD students, the appointment will be for 3 years with the possibility to extend it up to 2 more years (at PhD or Postdoc level).

Within the PhD program, the PhD student will be required to spend periods abroad to improve her/his education and to foster ongoing collaborations with world-class, international research groups.

**About OPT4SMART (Distributed optimization methods for smart cyberphysical networks)**

OPT4SMART is a 5 years research project funded under the EU Horizon 2020 excellence program ERC Starting Grant, supporting investigator-



driven frontier research on the basis of scientific excellence, [erc.europa.eu](http://erc.europa.eu). OPT4SMART will investigate a novel distributed, large-scale optimization framework and its application to big-data estimation, learning, decision and control problems in cyber-physical networks. More on [EURAXESS Jobs](#) or [here](#).

## 5.5 Vacancies for PhD in Europe at DSM

Royal DSM is a global **science-based** company active in **health, nutrition and materials** (headquarters in the Netherlands). By connecting its unique competences in **Life Sciences and Materials Sciences**, DSM is driving economic prosperity, environmental progress and social advances to create sustainable value for all stakeholders simultaneously.

More on DSM: [here](#) | Vacancies: [here](#)

## 5.6 HITEC-Jülich: 7 Ph.D. fellowships in energy research

**Application deadline: 6 January 2016**

Fellowships in energy research: **specifically in materials science, energy conversion, photovoltaics, plasma physics, nuclear waste management, reactor safety, modeling, numerical simulations, and in climate research: specifically in atmospheric physics and chemistry.** For their application candidates have the choice between **22 HITEC Ph.D. projects and 6 research fields**: for details of projects and research fields as well as the online application go to [www.hitec-graduate-school.de](http://www.hitec-graduate-school.de)

### Requirements

They are seeking highly qualified and motivated scientists and engineers. Candidates are expected to have a Master, a German "Diplom" or an equivalent degree, when they start their Ph.D. project. The specifics of the degree and the experience required are indicated for the individual projects. The integration in national and international co-operations requires the willingness to cooperate in teams. We expect that you are able to communicate your results in oral and written form in very good English.

Read more: [EURAXESS Links India](#)

## 5.7 British High Commission in New Delhi and British Deputy High Commission in Mumbai | 2 vacancies

Position in **New Delhi**: deadline for application **30 December 2015**

- [Adviser, Science and Innovation Network \(Grade B3\)](#) (PDF, 235KB, 4 pages)
- [Job Application Form](#) (MS Word Document, 113KB)

Position in **Mumbai**: deadline for application **31 December 2015**

- [Adviser, Science and Innovation Network \(Grade B3\)](#) (PDF, 401KB, 3 pages)
- [Job Application Form](#) (MS Word Document, 113KB)



## 5.8 Horizon 2020: Call of expression of interest for experts



Additional details can be found in the [Participant Portal](#). We encourage experienced researchers to check it out and register as an expert.

The call for expression of interest will remain open for the lifetime of Horizon 2020.

## 5.9 Join us on LinkedIn: [linkedin.euraxess.org](https://linkedin.euraxess.org)



The EURAXESS Links group on LinkedIn is for **internationally mobile researchers** to share their experiences and learn of jobs and career opportunities around the world.

It is part of the EURAXESS initiative, the European Commission's programme to support researchers, of which EURAXESS Links is its external arm (i.e. for outside Europe).

*The global EURAXESS LinkedIn group is complementary to the country-based EURAXESS Links India community managed with SINAPSE.*

## 5.10 India: Jobs at [DevNetJobsIndia](#)

At the time of writing this issue, DevNetJobsIndia offers positions in research and innovation. It is best is to check the site at the beginning of the month when new positions are advertised.

## 5.11 India: Jobs at [IndiaBioScience](#)

IndiaBioscience is a non-profit science outreach initiative created to fulfill the niche gap within the Life Science sector in India. IBS is envisioned to function as a catalyst organisation that will invigorate the various activities associated with establishing a strong hold for scientific research on the global scene – this includes recruitment, networking, collaborations, research oriented education and science communication.

IndiaBioScience is your Gateway to Indian Biology!

# 6 Events in Europe and India

Event (click on event title for more details)	Location	Date
<b>6.1 Europe</b>		
<a href="#">Events announced under Horizon 2020 website</a> The website includes information on the Information Days by the European Commission and Brokerage events	Check link	Check link
<a href="#">Developing the next generation of research leaders</a> by Vitae	London, UK	26 January 2016



<a href="#">World Startup Summit</a> by Lift and Masschallenge	Geneva, Switzerland	10-12 February 2016
<a href="#">ESOF 2016</a>	Manchester, UK	22-27 July 2016
<b>6.2 India</b>		
2016 <a href="#">Global Research Council</a> (GRC) Annual Meeting	New Delhi	May 2016
<a href="#">3rd Indo-German Workshop on the Advances in Materials, Reaction and Separation Processes</a> organised jointly by Max Planck Gesellschaft and IIT Guwahati	Guwahati (Assam)	23-26 February

**EURAXESS Links India** is a networking tool for European researchers active in India and Indian ones wishing to collaborate and/or pursue a research career in Europe. EURAXESS Links India provides information about research in Europe, European research policy, opportunities for research funding, for EU-India and international collaboration and for transnational mobility. Membership is free.

Visit us at [india.euraxess.org](http://india.euraxess.org) and click on **Login Community / Join the EURAXESS Links India community** on the right-hand side of the page.

EURAXESS Links is a European Commission's Directorate-General for Research and Innovation initiative. It has thus far been launched in the ASEAN (encompassing Singapore, Thailand, Malaysia, Indonesia and Vietnam), Brazil, China, India, Japan, and North America (USA & Canada).

