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## EURAXESS LINKS INDIA

Dear Colleagues,

It is our pleasure to present to you the eleventh 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 *The European Union and the UNESCO Science Report: toward 2030* you will find information on **News** related to research and innovation in Europe and India (e.g. Erasmus Mundus Euphrates call), a selection of **Grants and Fellowships**, a collection of **Job opportunities** (over **7277** in **EURAXESS Jobs**) as well as information on upcoming **Events** (in Europe and India).

If you have any 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 monthly 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!

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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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# 1 EU Insight – The European Union and the UNESCO Science Report: towards 2030

What is the state of investment in science, technology and innovation in the world today? How does Europe rank in relation to other regions and countries? Answers to questions such as these can be found in the pages of the recently published [UNESCO Science Report](#).

## The report

Published every five years to ensure a focus on long-term trends, rather than just fleeting transitions which occur from year to year, the UNESCO Science Report 2015 is a detailed examination of the state of activities related to STI as it exists around the world. As noted in its forward, the report seeks to understand how these trends in innovation and mobility contribute to solving major global challenges. Compiled by a multinational team of experts, the 820-page report is broken down into three core sections and a series of three annexes, starting off with the most important emergent issues concerning science and technology in policy sectors and in different institutional contexts, followed by a global overview of key trends and approaches related to innovation, mobility and gender, and ultimately a look at these same topics from a country and region perspective.

## The EU in the Report

According to this report, the European Union stands out in many ways in relation to its global counterparts. For one thing, Europe still leads the rest when it comes to producing researchers, and is seen as a “pole of excellence” and a leader of international excellence and basic research. Currently, out of over 7 million researchers active in the world, over 22% stem from the European Union, while the remaining 50% stem collectively from China, Japan, Russia and the United States. Thus, not only is the EU in the top five countries, it leads all others (China and the United States with 19.1% and 16.7% follow respectively). In addition to this positive data, the European Union is also responsible for the largest number of scientific publications globally, with 34% of all publications stemming from Europe being reported.

In regard to Europe, the Report also lauds its current framework programme for research and innovation, Horizon 2020, for the support it provides to research and innovation. In particular, attention is given to the establishment of the European Research Council as a highly successful model programme for the support of frontier (i.e., basic) research and the ERC Grant programme with its various schemes. Also mentioned is the importance of the Marie Skłodowska Curie Actions and how they encourage mobility and offer support at all stages of a researchers’ career.

To read more about the report’s findings, [click here](#).

Sources:



Jenvey, Nicola. "Big five still dominate in share of world's researchers".  
University World News, Global Edition. Issue 390. 14 November 2015

*Unesco Science Report: towards 2030*. United Nations Educational,  
Scientific and Cultural Organization, (2015);  
<http://unesdoc.unesco.org/images/0023/002354/235407e.pdf>. Accessed 22  
November 2015.





## 2 EURAXESS in India

### 2.1 EURAXESS Science Slam India 2015: Pictures on Facebook



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

### 2.2 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](#).

### 2.3 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!

### 2.4 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 the December newsletter 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 next year.



## 3 News & Developments

### 3.1 EU, Member States and Associated Countries

#### 3.1.1 The Commission launches new mechanism to strengthen scientific advice for policy making

The European Commission's new Scientific Advice Mechanism (SAM) is officially launched with the announcement of the seven leading scientists who will form the first High Level Group of scientific advisors. Together with a six million euro grant to European academies and learned societies, this marks a new approach to the use of independent science advice in Commission policy making.

[Read more](#) (Source: European Commission)

#### 3.1.2 Commission to open Global Earth observation data

The European Commission, a founding member of the [Group on Earth Observations \(GEO\)](#), has subscribed in Mexico to the 2015 - 2025 implementation plan of the [Global Earth Observation System of Systems \(GEOSS\)](#). The 10-year Strategic Plan will provide open access to earth observation data from anywhere in the world to decision makers, researchers and innovators.

[Read more](#) (Source: European Commission)

#### 3.1.3 ERC grantees meet business angels

The ERC and nine of its funded Proof of Concept projects take part in the European Business Angel Network (EBAN) Winter University from 16 to 18 November in Copenhagen. Investors from all over the world will attend, which provides an opportunity for researchers to interact with industry and attract investments into their start-ups and innovative frontier research.

[Read more](#) (Source: European Research Council)

#### 3.1.4 Commission signs Atlantic Ocean Research Cooperation declaration with Brazil and announces a coordinated call on biofuels

The European Commission and the Brazilian government signed in Rio a joint declaration for Atlantic Ocean Research to enhance marine cooperation between Europe and Brazil. The agreement follows the celebration of the EU-Brazil high level conference which aims to develop common expertise and scientific knowledge on the Atlantic Ocean and its dynamic systems, provide a new momentum for enhancing marine cooperation between Brazil and Europe and discuss how to further engage in joint research projects and improve reciprocal access to infrastructures.

[Read more](#) (Source: European Commission)



Conversation between José Goldember President of FAPESP, on the left, and Carlos Moedas, during the "Open science, open innovation, openness to the world" conference



### 3.1.5 Independent experts present evaluation report on the EU's 7th Framework Programme for Research

Carlos Moedas, Commissioner for Research, Science and Innovation, received the report of the independent High Level Expert Group (HLEG) that has evaluated the EU's Seventh Framework Programme for Research and Technological Development (FP7).

The report was presented in Brussels by the Chair of the Group, Louise O. Fresco, President of the Executive Board of Wageningen University and Research Centres, accompanied by the Group's Rapporteur, André Martinuzzi, Head of the Institute for Managing Sustainability, Vienna University of Economics and Business.

[Read more](#) (Source: European Commission)



### 3.1.6 If you build it, they will come: Can big science make a science city?

Lund aims to spawn a cluster around two new science facilities. No doubt the MAX IV synchrotron and the European Spallation Source will attract scientists, but it takes more than labs alone to create a full-blown cluster.

Local politicians and researchers in Lund are calling it Science Village Scandinavia, but the ambitions belie the village tag, with hopes that the city's two new and expensive science facilities will attract global interest from science and industry.

MAX IV, one of the most advanced synchrotron X-ray light facilities in the world, will open its doors in the Village next year. Just down the road a €1.8 billion neighbour, the European Spallation Source (ESS) is now under construction and will begin operations in 2020.

Close by is Lund University. Its vice-chancellor, Torbjörn Von Schantz, was at a meeting of more than 100 scientists and politicians in Brussels this week to talk up the prospects of creating a cluster around the new facilities, which Von Schantz says will be a honeypot for talent from around the world.

[Read more](#) (Source: Science | Business)

### 3.1.7 Preserving data privacy while enabling research

A new petition fights the cause of scientists in allowing some exemption for research in the revised Data Protection Regulation.

The initial draft of the Data Protection Regulation proposed in 2012 by the European Commission set out a mechanism to protect privacy. At the same time, it was designed to enable health and scientific research to continue.

However, following Edward Snowden's leaks about the use of personal data by the US National Security Agency, the European Parliament has sought to strengthen protections for data across all sectors. We know that in doing so the Parliament did not intend to harm progress in research. But research has become an unfortunate inadvertent victim of this reaction.





[Read more](#) (Source: EuroScientist)

## 3.2 India

### 3.2.1 India 5th on doing biz in clean energy

Considering India's notable policy reforms in the renewable energy sector, Bloomberg New Energy Finance has ranked the country fifth on a list of 30 countries on ease of doing business in the renewable energy space. The ranking done by Bloomberg New Energy Finance's annual Climatescope report indicates that clean energy's centre of gravity is shifting from developed to developing countries. The report ranked China in first place, followed by Chile, Brazil, South Africa and India.

Read more: [Business Standard](#)

### 3.2.2 G20 meeting: India defended climate change red lines

At a recently concluded talks of G20 countries, India prevented an attempt to pre-decide the contours of the Paris climate change agreement outside the formal United Nations (UN) climate convention negotiations, to start on November 30.

The proposals from the developed countries at the G20 meet to include a joint communique, which the 20 heads of states were to sign, would have breached Indian interests. The diplomatic tug of war with the developed countries in the meeting at Antalya, Turkey, on November 16 delayed the final communique by the heads of states for hours.

Read more: [Business Standard](#)

## 3.3 India-Europe cooperation

### 3.3.1 Partnership Instrument: A New Dimension in the EU-India Relations

Fostering peace, security, human rights and democracy; addressing environmental challenges such as climate change, energy efficiency, water management and ocean governance; and improving connectivity and promoting trade, tourist flows, market access, are key priorities for the EU in the Asia-Pacific region. To achieve these in a world characterised by several power centres, including dynamic countries like India, the EU needed to think in terms of forging bilateral and multilateral partnerships to advance on such issues of mutual interest. The newly established PI is the response to this.

What does this mean in practice for the EU-India strategic partnership? By promoting collective approaches and responses to issues of global concern, the PI strengthens the EU-India Strategic Partnership by providing the means to promote preparatory work and facilitate policy dialogues. It can support a broad scope of policy areas ranging from competitiveness to migration, from urbanisation to research and innovation; it can also address major global challenges such as energy security, climate change and environmental protection as well as specific aspects of



water diplomacy. The instrument will also support EU public and cultural diplomacy activities in India.

Within this new framework, the PI has now started its first concrete actions in India. A first project is supporting intensified interaction between the EU and India on ICT-related standardisation, policy and legislation. ICT cooperation is already now a key element of the EU-India Strategic Partnership and seeks to link the Digital Agenda for Europe with Digital India.

Read more: [Delegation of the EU to India](#)

### 3.3.2 Indian researcher Dr Devanjan Bhattacharya contributes to the EURAXESS Roadshow 2015 in Portugal

*By Devanjan Bhattacharya*

The EURAXESS Lisbon Roadshow event on 28 October 2015 at the [Instituto Gulbenkian de Ciência](#) (IGC), Oeiras near Lisbon (Portugal) was principally addressed to the Oeiras scientific campus. The idea was to show how EURAXESS-Researchers in Motion can help researchers with mobility not only within Europe but also from abroad.

There were presentations on mobility, job searching, facilities from EURAXESS in Lisbon and what the Portuguese Government is doing to facilitate all these. The experience of a foreign researcher with EURAXESS was made by Dr. Devanjan Bhattacharya from India who is also member of EURAXESS Links India community. Other mobility experiences were shared by senior professors.

The local EURAXESS contact point at the Oeiras stop of the Roadshow explained the services they provide to support researchers and their families. The Science and Research Ministry of Portugal presented the activities they are engaged in and also how EURAXESS fitted in the activities of the Portuguese Government. Finally, the foreign researchers' perspective taking into account EURAXESS, was presented by Devanjan B. He explained how he arrived to Portugal and is currently working for a FP7 funded project; also how the EURAXESS network has helped him with his mobility. He mentioned how to register with EURAXESS Jobs or Links and use the website of EURAXESS. To conclude the programme the EURAXESS service centres in the local region and Lisbon area gave presentations on how they help their incoming foreign researchers and outgoing students researchers.

The researchers at the IGC institute were either not aware of, or only had a vague idea of the existence of EURAXESS. The Roadshow was a great opportunity to raise awareness about this valuable European Commission initiative. It was a very good experience to be there and interact with students and researchers. There was the yellow EURAXESS bus on tour with amazing interiors that students were happy to explore!



### 3.3.3 Indian researcher Dr. S.G.Prakash Vincent, MSCA fellow of the week!

Meet Dr.S.G.Prakash Vincent, our former #MSCA fellow of the week! Prakash developed his research project on transgenics at the European Molecular Biology Laboratory (EMBL) in Heidelberg (Germany) thanks to his Marie Curie Incoming International fellowship. During his research he developed a double transgenic fish to understand myogenesis to the molecular level. Currently, his work in India is on the discovery of novel antibiotics to tackle the "Superbugs" which are gaining antibiotic resistance. His lab looks at marine organisms and microbes which produce novel antibiotic molecules. His experience as an MSCA fellow is the following:

"This mobility programme of the European Commission has put me in contact with top scientists at EMBL and allowed me to be trained in transgenics. This also gave me the opportunity to make friends and organise two EMBO funded practical courses on 'DNA Microarray-Analysis and Application' in my home University Manonmaniam Sundaranar University in India".

Besides, Prakash has been appointed as Focal Point by the European Commission Delegation in India to foster Indo-EU research collaboration. In January 2015, Alliance de International Cooperation (AIC), in collaboration with, #euraxesslinksIndia organised one day event on 'European Fellowships and Opportunities with Funding'. Over 650 participants from 40 Institutions participated in the event.

### 3.3.4 Joint Learning Workshop EqUIP held in Oslo in September 2015

On 15-16 September 2015, the EU-India Platform for Social Sciences and Humanities (EqUIP), hosted a Joint Learning Workshop (JLW) in Oslo, Norway, where over 30 representatives from 22 organisations across Europe and India came together to share previous experiences with Indo-European SSH collaboration, and identify common approaches, best practices and barriers, with particular attention paid to issues around peer review and joint decision making. Further to this aim, discussions around various possible funding models for multilateral Indo-European SSH collaboration were also held, to better understand what shape a potential joint call could take following the completion of EqUIP. The Joint Learning Workshop, and the report that will be subsequently published, will result in a joint vision for ideal Indo-European SSH cooperation beyond the lifetime of the EqUIP project, as well as the identification of crucial steps in view of making a favourable future reality.

Due to the nature of this event, the target group of stakeholders focused on representatives from research funding and support agencies, with researchers and policy-makers primarily targeted in the series of symposia that will be run following the completion of the Joint Learning Workshop. In order to effectively achieve the aims of the Joint Learning Workshop, developing ideal visions for the future – *scenarios* – was used to orient joint visions and decision-making. While there were clear differences on the ideal scenarios developed by those involved, many common elements were also apparent.

Contact india@euraxess.net  
to be one of the next MSCA  
fellows of the week!

A new fellow is featured every  
Friday on

<https://www.facebook.com/Marie.Curie.Actions>





The Report from the Joint Learning Work is currently being developed ready for publication in early 2016, to allow for such considerations to effectively feed in to discussions held at the symposia events being held that year. For more information about the Joint Learning Workshop, or EqUIP more generally, please visit [www.equipproject.eu](http://www.equipproject.eu) or contact [equip@esrc.ac.uk](mailto:equip@esrc.ac.uk)

### 3.3.5 EU participates in Conference on Cyber Security & Internet Governance

At the 2015 CyFy Conference, organised by the Observer Research Foundation, in New Delhi in October, Heli Tirmaa-Klaar, Head of Cyber Policy Co-ordination at the European External Action Service (EEAS), emphasised that the State should be included in debates on internet governance, upholding human rights at all times. The State needs to take care of public safety primarily to fight cybercrime and protect critical services, she observed. She also referred to EU' investment on cyber capacity-building of developing countries.

In the inaugural session (15 October), the Swedish Minister for Housing, Urban Development and Information Technology, Mr Mehmet Kaplan, while calling India "the great promise of our time", highlighted the importance of openness to international trade and an open Internet as key factors for economic success. He also underlined the importance of the protection of personal data ("privacy should never be compromised").

Read more: [Delegation of the EU to India](#)

### 3.3.6 SESEI's Newsletter India - October 2015

In this edition of the [SESEI](#) Newsletter- India, readers will find news about the new European standards published by CEN and CENELEC on Energy Audits. These standards set out requirements and provide guidance on how to carry out energy audits. Other topics are also covered in the newsletter.

Read newsletter on: [SESEI](#)

### 3.3.7 2<sup>nd</sup> Indo-Spanish Research & Innovation Newsletter

The Science and Technology Department of the Embassy of Spain in New Delhi (India) is pleased to announce the the second Indo-Spanish Research & Innovation Newsletter (November 2015) with all information related to CDTI's Activities in India (launch and resolution joint calls for research, development and innovation proposals -RDI- in collaboration with Indian partners, delegations, upcoming events and expressions of interest of Indian stakeholders and profiles of prospective collaborators, etc.), and also relevant information on Indian technological capacities, research and development centres, documents, news and links of interest.

This is a monthly newsletter in Spanish and the main objective is to publicise opportunities and funding programmes for Spanish companies in technological cooperation with India, giving visibility to other coordinated activities from this delegation and technological missions, matchmaking



activities, provide support in identifying possible R&D partners, and promote capabilities of India as a technological partner in Spain.

Read more: [CDTI](#)

### 3.3.8 The INDIGO database on Indo-European collaboration support initiatives has been published



Christmas has come early for researchers interested in Indo-European research collaboration. The INDIGO projects' database has more than 180 funding opportunities... and it is growing!

Read more: [INDIGO Projects](#)

### 3.3.9 A comprehensive report on EU-India ongoing and future research collaborations on Social Science and Humanities



A research collaboration platform between India and the EU specifically dedicated to Social Science and Humanities: we are speaking about [EqUIP](#), a 3-year EU funded Coordination and Support Action that started in May 2014. The platform will support a significant corpus of high quality national research funding agencies from Europe and India in building stronger relationships and stepping up international collaborations, improving the environment for Europe-India excellent research collaboration.

Now EqUIP presents its first achievement: a comprehensive [Scoping Report on Existing Collaboration and Future Interests and Opportunities](#) for EU-India research cooperation. The objective of this mapping/scoping study is to provide a high-level mapping of existing networks and partnerships between India and Europe, as well as consistent and useable information for exploring future areas of collaboration. In particular, the report covers the following objectives:

Identify research priorities for EU-India collaboration in the Social Sciences and Humanities, and based on these identify specific areas, deepen dedicated thematic symposia.

Map the Indian research landscape and the existing research collaboration between partners, including research-led projects.

Study the past experiences of collaborative research of our partners and identify key challenges and impact, if any.

Here you can read a synthetic overview regarding the key findings and the methodology used; or you can download a full version of the report as well as its Executive summary.

## 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](#),



[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 Erasmus Mundus EUPHRATES I Call OPEN for Indian students and researchers

**Application deadline: 7 January 2016**

Scholarships for Indian researchers, students and staff in the European Union under Erasmus Mundus **Euphrates** project.

EURAXESS Links India encourages its readers to consider this call. If not for you, this call might be of interest to people in your circles.

You may visit the following links for further details on this very attractive call for Indians (the last one under this project):

Webpage: <http://www.usc.es/euphrates>

Facebook site: <http://www.facebook.com/erasmus.mundus.euphrates>

On behalf of EUPHRATES project, thank you for sharing this call.



## 4.3 Newton-Bhabha I India–UK research and innovation bridges competition: Agri-food

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

Innovate UK, the Research Councils UK (RCUK) and the Government of India's Department of Biotechnology (DBT) will invest up to £10 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 agri-food sector.

The aim of the competition is to bring together companies (small to medium-sized companies and/or larger businesses), research organisations, academics and other collaborators from India and the UK for the joint research and development of new solutions to key socio-economic challenges, in the form of innovative products, processes or services.

**Timetable**



The 2-stage competition opened for applicants on **23 November 2015**. The deadline for stage 1 applications is at **noon UK time on 27 January 2016**. Registration is required to enter this competition Applicants must register by **noon on 20 January 2016**, one week before the application deadline.

Read more: [Innovate UK](#)

#### 4.4 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. Proposals are invited in priority areas of New Materials and Age-related diseases. Scientists from India working in regular capacity in CSIR research institutes and scientists and faculty members working in public or private R&D institutes in Germany can apply for this programme.

Read more: [CSIR](#)

#### 4.5 LE STUDIUM I 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.

A new call was launched on 9 November 2015. You, or someone from your network, may be interested in the different award formats of the Smart Loire Valley Programme: [LE STUDIUM RESEARCH FELLOWSHIP](#) and [LE STUDIUM RESEARCH PROFESSORSHIP](#) or [LE STUDIUM CONSORTIUM](#).

LE STUDIUM Fellowships pay for researchers' salary (12-month contract), scientific animation and accommodation. LE STUDIUM also deals with all logistics and administrative aspects (visa, residence permit, registration to social agencies, medical coverage, school for children, diverse activities...) to welcome international researchers and their family into the local community.



LE STUDIUM invites you to consider these opportunities to build or strengthen relationships with a high-level research team and an international research community. If you are a past LE STUDIUM RESEARCH FELLOW, you are invited to consider the opportunity to apply for a LE STUDIUM RESEARCH CONSORTIUM, a particularly suitable programme to strengthen international collaborations.

*You are invited as well to disseminate this information to your network. Merci beaucoup on behalf of LE STUDIUM. Thank you!*

## 4.6 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.

Calls for nominations for the award are invited on an annually rotating basis in specific sub-areas of the natural sciences and engineering, the life sciences, the humanities and the social sciences. The objective of the Max-Planck-Gesellschaft and the Alexander von Humboldt Foundation in presenting this joint research award is to give added momentum to specialist fields that are either not yet established in Germany or that deserve to be expanded.

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

Read more: [Max Planck Society](#)

## 4.7 Forthcoming calls

*Under HORIZON 2020:*

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

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

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

Planned opening date on 26 January 2017





## 4.8 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](#)

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

The [EU Marie Curie Chair I 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 I [Horizon Prize I Better use of Antibiotics](#)**

Deadline: **17 August 2018**

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.

**Industrial Leadership | [Horizon Prize | Collaborative Sharing of Spectrum](#)**

Deadline: **17 December 2015**

The Horizon Prize for collaborative spectrum sharing is a EUR 500,000 challenge prize. It will be awarded to an innovative and disruptive approach which will enable a significant increase in spectrum sharing and re-use, beyond the currently applicable spectrum sharing methods and centralised techniques. The winning solution should be a significant step forward from current technologies and solutions in terms of shared spectrum usage metrics and will have to prove its economic viability. The feasibility of the approach will have to be demonstrated through clear experimental results.

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

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

Deadline: **no deadline applicable.**

**UK: [Newton-Bhabha | Atmospheric Pollution and Human Health in an Indian Megacity](#)**

Deadline: **10 December 2015**

*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.

**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 7277 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.

### 5.2 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](#)

### 5.3 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](#)



## 5.4 CO2CTUS Consortium

CO2CTUS Consortium is a new initiative to create professional networks on CO2 Capture, Transport, Utilisation and Storage Reducing greenhouse gas emissions to solve a global problem

Read more: [Chemicals Worldwide – Chemical Platform](#)

## 5.5 Chemical Engineer / Chemist (preferred with PhD) in the field of Gas Purification Process Development

**Application deadline: 30 December 2015**

World leader in gases, technologies and services for Industry and Health, Air Liquide is present in 80 countries with more than 50,000 employees and serves more than 2 million customers and patients. Oxygen, nitrogen and hydrogen have been at the core of the company's activities since its creation in 1902. Air Liquide's ambition is to be the leader in its industry, delivering long-term performance and acting responsibly.

AIR LIQUIDE Forschung und Entwicklung GmbH (ALFE) is one of 8 R&D Centers within the worldwide AIR LIQUIDE Group. ALFE emerged in 2009 from the former Lurgi GmbH R&D Center. Its research and development focus lies on the conversion of fossil and biomass feedstock into fuels and chemicals, mainly via the synthesis gas route. The scope of activities covers exploratory research, starting from fundamental understanding of the process chemistry via bench and pilot plant tests up to demonstration units as the final step prior commercialization at industrial scale. This is frequently realized in cooperation with other partners from industry, public R&D institutions and universities.

*Profile sought:*

Profound knowledge in thermal process engineering, thermodynamics and separation processes

Knowledge in chemical reaction engineering and fluid dynamics

Proficient in process simulation tools such as (Aspen<sup>TM</sup>, Hysys<sup>TM</sup>)

Knowledge in plant data validation and reconciliation (DVR)

Basic knowledge about tools for process economic evaluations (such as Aspen ICARU<sup>TM</sup>)

Experience with MatLab<sup>TM</sup> modeling or Visual-Basic

Good communicator

Plant engineering and equipment design competencies

Interest to work with an international team and partners

Project management skills

Read more: [l'intelli'agence](#)

Source: *LinkedIn-internationally mobile researchers*



## 5.6 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.

## 5.7 Join us on LinkedIn: [linkedin.euraxess.org](https://www.linkedin.com/company/euraxess)



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.*

## 5.8 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.

## 5.9 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="#">ESOF 2016</a> (next year!)	Manchester, UK	22-27 July 2016



6.2 India		
<a href="#">European Higher Education Virtual Fair India and South Asia 2015</a>	India and South Asia (virtual)	26-28 November
<a href="#">5th Innovation &amp; Entrepreneurship Summit &amp; Expo 2015</a>	New Delhi	14-15 December
<a href="#">21st Technology Summit &amp; Expo 2015</a>	New Delhi	17-18 December
<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 trans-national 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).