Dear Colleagues,

It is our pleasure to present to you the tenth 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.

This issue highlights several EURAXESS Links India events (i.e. EURAXESS Info Day at BITS-Pilani Goa campus on 25 September, EURAXESS Connect on “Communicating Science Out of the Lab” in Mumbai on 17 October and the live finals of the EURAXESS Science Slam in Bengaluru on 30 October).

In addition to the EU Insight on the recently published Horizon 2020 Work programmes 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 7699 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 post Diwali 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 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.

Editor: Aihitze Bizkarralegorreta Bravo,
EURAXESS Links India, Country Representative

http://ec.europa.eu/euraxess
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On 13 October, the European Commission (EC) published the second Horizon 2020 work programme for the next two years, 2016 to 2017. Aligned with the agenda of Commission President Jean-Claude Juncker, the work programme aims to boost competitiveness and support Europe’s growth and jobs with an investment of nearly EUR 16 billion in research and innovation.

Selected key priorities for 2016-2017

To boost Europe’s growth and increase the number of jobs without creating new debt is a top priority for the next two years. Research and innovation investments will cover both the immediate need to engage the re-industrialisation of Europe as well as the longer-term objective of building solid knowledge needed for the next wave of innovative breakthroughs. This includes, amongst others, funding of around EUR 2 billion to small and medium-sized enterprises (SMEs); nearly EUR 1.7 billion for outstanding researchers through European Research Council (ERC) grants to work on the best ideas that could lead to innovative growth-enhancing breakthroughs; and nearly 10,000 fellowships for young researchers under the Marie Skłodowska-Curie actions to receive high-quality training and career development opportunities abroad.

Other priorities will be the contribution to a connected digital single market; a forward-looking climate change policy for secure, affordable and climate-friendly energy; maintaining and reinforcing the internal market as well as European industrial base; and the tackling of cross-cutting issues, such as improving synergies with other EU funding programmes, i.e. the European Structural and Investment Funds (ESIF). Last but not least, international cooperation calls and targeted initiatives will help boost research and innovation cooperation with countries outside Europe and effectively tackle common societal challenges. The work programme is in line with Commissioner Moedas’ strategic priorities ‘openness to innovation, to science and to the world’.

Sources and further information


2 EURAXESS in India

2.1 EURAXESS Science Slam India 2015: And the new India Science Slammer title goes to…

The 3rd global EURAXESS Science Slam, which has been taking place in all EURAXESS Links locations (ASEAN, Brazil, China, India, Japan and North America), is now over. View the 2015 promotional trailer here. A LIVE finals event took place this October or in early November in every EURAXESS Links location.

The finals in India took place on 30 October 2015 at Alliance française Bangalore. Mr Denis Dambois, Research & Innovation Counsellor of the EU Delegation to India, and Mr Stephan Lanzinger, Counsellor and Head of Science & Technology Section at the German Embassy in India attended the event in Bengaluru together with researchers, students, industry or general public.

Anyone curious about science, innovation and/or Europe was most welcome!

The excellent performances by the six finalists did not make it easy to award the first prize. The audience, with close to 130 guests, in the end awarded the first prize to Souvik Mandal (Indian Institute of Science) for his slam “Finding the Way Back Home”.

Souvik will be visiting Brussels in the spring of 2016 with Finnair and EURAXESS to meet European Commission representatives and attend a science communication training with the other EURAXESS Science Slam 1st prize winners from ASEAN, Brazil, China, Japan and North America. Each winner will visit a research centre of their choice in the European Union.

EURAXESS Links India congratulates Souvik Mandal and the other five finalists in India, Selokar Naresh Lalaji, Abhilasha Ashok Kumar, Anbuselvan K.K.N., Sumeet Kulkarni and Varsha V. (order in picture), for their courage to first make a video and then share with the audience their live performance. Congratulations to everyone!!

See section 3.2.2 for a brief description of what these six Indian researchers tried to communicate to the audience.

The six finalists also won a science communication training in Mumbai conducted by Arnab Battacharya and the TIFR Outreach team (see next section).

The EURAXESS Science Slam India 2015 has been organised in partnership with the Indian Institute of Science (IISc) and IndiaBioScience and with the support of Alliance française Bangalore, Finnair and Philips Innovation Campus. The latter are European organisations linked to France, Finland and the Netherlands, respectively.
2.2 EURAXESS Event in Mumbai on 17 October: “Communicating Science Out Of The Lab”

This EURAXESS Connect event on science communication jointly organised with HBCSE and TIFR Outreach was part of the prize that received by all the finalists of the 3rd global edition of the EURAXESS Science Slam India. The event was also open to other young researches interested in communicating science.

The forty participants had the opportunity to receive a one-day intensive and interactive training on how to communicate science in a fun and engaging manner. The workshop was conducted by Prof. Arnab Bhattacharya and the TIFR outreach team.

The programme also included a presentation on how EURAXESS-Researchers in Motion can help access the European Research Area (40 countries) as well as an overview on the many funding opportunities such as Marie Skłodowska-Curie Actions and European Research Council Grants under Horizon 2020 or Erasmus+ that the European Union has to offer to researchers in India.

The choice of the venue for this event was linked to Prof. Chitra Natarajan former Dean of HBCSE and member of the EURAXESS Science Slam India review panel last year. She left us in April 2015. She was very enthusiastic about science education. Her enthusiasm was definitively shared by the participants at this EURAXESS event.

2.3 EURAXESS Info Day at BITS-Pilani Goa campus

The one-day session was jointly organised by EURAXESS Links India and the BITS-Pilani Goa campus. The session included nearly 150 participants from BITS Pilani Goa, NIO Goa, NIT Goa and from BITS Pilani-Hyderabad & Dubai campuses (via teleconferencing). The Delegates from EURAXESS Links India, the EU Delegation to India and from the SST/French Embassy showcased opportunities under Horizon 2020 namely Marie Skłodowska-Curie fellowships and the European Research Council Grants; the objectives of EU-STI Platform in India (by CNRS-France), as well as the existing opportunities to support Indo-French Research & Innovation cooperation were also presented. EURAXESS as the gateway to the European Research Area (ERA) was also presented.

Whenever possible European countries might be participating at EURAXESS Info Days to showcase the diversity of opportunities in Europe, namely those from the European Commission and the Member States or Associated Countries of the ERA.
2.4 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 3rd 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.

2.5 Contacting Marie Curie Fellows in India

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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 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!

2.6 EURAXESS Links India on-site visits

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.

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 ERC Horizon 2020: new Work Programme supports growth, jobs and competitiveness

The European Commission will boost competitiveness by investing almost EUR 16 billion in research and innovation in the next two years under Horizon 2020, the EU’s research and innovation funding scheme, following a new Work Programme for 2016-17 adopted on October 13.
The new funding opportunities offered by the Work Programme are directly aligned with the policy priorities of the Commission of President Jean-Claude Juncker and will substantially contribute to the Jobs, Growth and Investment Package, the Digital Single Market, Energy Union and Climate change policy, Internal Market with stronger industry and making Europe a stronger global actor.

Carlos Moedas, Commissioner for Research, Science and Innovation said: "Research and innovation are the engines of Europe's progress and vital to addressing today's new pressing challenges like immigration, climate change, clean energy and healthy societies. Over the next two years, EUR 16 billion from Horizon 2020 will support Europe's top scientific efforts, making the difference to citizens' lives."

In line with Commissioner Moedas' strategic priorities, Horizon 2020 will be open to innovation, open to science, and open to the world. The new Work Programme 2016-17 offers funding opportunities through a range of calls for proposals, public procurements and other actions like the Horizon Prizes, together covering nearly 600 topics. The programme's structure is a reflection of the overall flexibility of Horizon 2020 which focuses on the EU's long-term priorities and the most pressing societal challenges while allowing it to swiftly address emerging problems such as outbreaks of diseases.

The programme will support a range of cross-cutting initiatives: the modernisation of Europe's manufacturing industry (EUR1 billion); technologies and standards for automatic driving (over EUR 100 million); the Internet of Things (EUR 139 million) to address digitalisation of EU industries; Industry 2020 in the Circular Economy (EUR 670 million) to develop strong and sustainable economies; and Smart and Sustainable Cities (EUR 232 million) to better integrate environmental, transport, energy and digital networks in EU's urban environments.

In addition, at least EUR 8 million in funding will be available for research on security of EU's external borders to help identify and prevent human trafficking and smuggling; EUR 27 million for the new technologies to help prevent crime and terrorism as well as EUR 15 million for research into the origin and impact of migration flows in Europe. The new Work Programme will also build on successes in health research, such as the Ebola-related breakthrough discoveries already supported by Horizon 2020, by investing EUR 5 million to respond to the critical outbreak of the damaging olive-tree pest Xylella fastidiosa.

The new Work Programme is also set on improving the impact of Horizon 2020 funding. First, it will ensure more money is available for innovative companies thanks to new leveraging opportunities supported by the European Fund for Strategic Investments (EFSI), in addition to over EUR 740 million dedicated to support research and innovation activities in nearly 2000 small and medium enterprises (SMEs). More will also be done to improve synergies with other EU funding programmes, as stressed by President Juncker in his State of the Union speech, as well as support researchers in their applications with clearer guidance and impact criteria.

Source: European Commission
3.1.2 The European Commission launches initiative to help refugee scientists and researchers

The European Commission has launched in October the ‘science4refugees’ initiative for asylum-seeking and refugee scientists and researchers. This measure will enable a match-making process between refugees and asylum seekers with a scientific background and the scientific institutions that voluntarily declare themselves as "refugee-welcoming organisations".

‘science4refugees’ is accessible to refugees and institutions through the EURAXESS - Researchers in Motion portal. With this initiative the European Commission is helping concentrate under a single portal potential actions aimed at researchers and scientists coming to Europe as refugees and asylum seekers. Interested institutions can now flag their offers – be it positions, internships or training courses – with the ‘science4refugees’ emblem to indicate their interest in hiring asylum seekers. Key stakeholders and institutions, such as the League of European Research Universities (LERU), announced public commitment to this action.

Refugees and asylum seekers can upload their CVs on a dedicated EURAXESS page and express their interest for an internship, a job or training. Registration is on a free and voluntary basis. In addition, the portal provides access to a complete range of information on working conditions in Europe for refugees and asylum seekers.

In the longer term, with the support of the EURAXESS Service Centres, schemes on training mentoring, language and integration courses will be added to the ‘science4refugees’ initiative to help refugees settle into their host country of residence.

Source: European Commission and EURAXESS Jobs

3.1.3 Opening ERC teams to the world

Early October, the ERC has contacted its grantees to inquire about their interest to host young non-European scientists in their research teams.

Some ERC grantees can now benefit from a set of international agreements that make it easier for scientists from Argentina, China, Japan, Korea, South Africa and the Unites States to join ERC research teams for short periods of time. The programme is open to the grantees who are at least 18 months away from finishing their projects.

The partner research funding agencies contribute financially to the visits.

The purpose of these agreements ("implementing arrangements"), four of which entered into force in 2015 (including that with Japan), is to foster scientific cooperation between the European Union and some of the leading research agencies outside the EU, boosting the global circulation of talent. This allows ERC grantees to draw on the experience and new ideas of young international researchers.
About seventy US and Korean researchers have joined the research teams of the ERC grantees since 2013, thanks to such agreements (data as of December 2014).

New similar agreements are currently being negotiated with other countries for possible adoption in 2015 and 2016.

Source: ERC

3.1.4 The Researchers’ Nights: “How one evening changed my career”

This year, European Researchers’ Night is celebrating its 10th anniversary. Image credit: European Commission.

For Matteo Iafrati, a European Researchers’ Night conference changed the course of his career. For others, it provides an opportunity to connect with the general public and generate a broad interest in science.

As the EU-wide event marks its 10th year of helping people get an insight into the life of a researcher, we talk a former participant to find out what the event means to him.

In 2009, Matteo Iafrati’s career path changed when he attended a European Researchers’ Night event in Frascati, Italy. Although he had been interested in pursuing a career in science since he was a child, his first love was particle physics and his ambitions leaned towards studying at CERN. It was a meeting with his future supervisor, Professor Giuseppe Mazzitelli, from the Italian National Agency for New Technologies, Energy and Sustainable Economic Development (ENEA), that changed his mind.

‘Since I was at school, I wanted to become a physicist. In particular I was attracted by particle physics, and big machines for particle physics like the particle accelerator in Geneva, like LHC (the Large Hadron Collider). But during the European Researchers’ Night in 2009 I met Prof. Giuseppe Mazzitelli at a conference. This conference was about fusion energy and fusion research and a special device for bringing the power of the stars to the earth, called a tokamak. And I fell in love with this fusion research, and one year later I started my physics degree in Rome and I changed my initial career, becoming a plasma physicist, not a particle physicist.’
Matteo is completing his master’s thesis and will shortly be embarking on a PhD programme looking at the use of liquid metal to capture energy inside the tokamak. He describes European Researchers’ Night as a ‘bridge’ that originally gave him an insight into a particular area of science as a member of the public, and now lets him introduce his work to other people as a researcher.

‘I think it is a good way for people to know what we are doing. We want to check (on the) developments in our work with feedback from people. It is a very good opportunity for people to also know how researchers spend public money. Because researchers are the employees of the people. So I think people can learn a lot from the night and the researcher also.’

Source: Horizon Magazine

3.2 India

3.2.1 Climate Special ‘Science Express Train’ flagged off on 16 October 2015

The Science Express is an innovative science exhibition mounted on a 16 coach AC train which has been custom-built for the Department of Science & Technology (DST) by the Indian Railways (IR). This unique mobile exposition was initially launched on 30 October 2007 by DST, in collaboration with the German government and Max Planck Society and was flagged off by then Honourable Prime Minister Dr. Manhoman Singh and German Chancellor Dr Angela Merkel. The subsequent journeys of the Science Express were organised by the Indian Ministry of Science & Technology and have in total covered over 100,000 kms across the country since its launch. It has thus become the largest, the longest running and the most visited mobile science exhibition in India. This year the train will be flagged off by Union Minister for Science & Technology and Earth Sciences Dr Harsh Vardhan along with the Railway Minister Shri Suresh Prabhakar Prabhu and the Minister for Environment, Forests & Climate Change Shri Prakash Javadekar. The focus of this year’s exhibition is on climate change and it is planned to run it as ‘Science Express–Climate Change Special (SECCS)’.

Read more: Wiss-Nama Newsletter

3.2.2 Scientists take to the ramp at the EURAXESS Science Slam India 2015 live finals

Article by S ANANTHANARAYANAN

“A group of young researchers displayed their skills in reaching out to the untutored at the India finals of the EURAXESS Science Slam in Bengaluru recently.”

Read what the six finalists wanted to convey to the audience that chose the first prize winner (read also section 2.2).

Read full article: The Statesman
3.3 India-Europe cooperation

3.3.1 Indian researcher Dr Santosh Bothe visits Europe with his award at the EU-STI Cooperation Days competition for young scientists

By Santosh Bothe

As a winner of the young scientist competition 2014 organised by European Commission funded INNO INDIGO and INDIGO POLICY projects, I chose to attend the Health Partnering Day and Health and Wellbeing Info Day organised at the European Commission headquarters in Brussels, Belgium on 17th and 18th September 2015.

The Health Partnering Day was the biggest international networking event I have ever attended having more than 230 scientist and researcher participants from more than 30 countries. My projects “Voice Sample Based Disease Diagnosis” and “Cognitive Capability Optimisation Using Computational Neuroscience Technique” were among the ten selected oral presentations at the event. It was a unique opportunity to present my research projects before a large number of researchers and scientists from over 30 countries.

The event was really well organised. I had the opportunity to book eleven bilateral meetings with European SMEs, Industries and Research Groups, which otherwise would have been impossible to meet so many people and share my project concept with them. All the eleven meeting were really successful in terms of the agenda based discussion taken place. All of them resulted in agreeing to work together, out of which four partners initiated further discussions. We have conducted online meetings and indentified the suitable call for proposal along with the tentative project proposal to be submitted for funding under Horizon 2020. Meeting with the remaining partners are also scheduled. I am hopeful about the positive outcome of the meetings.

On the second day, at the Health and Wellbeing Info Day I had the opportunity to interact with top European Commission official Philippe Cupers of the Directorate General Research and Innovation (DG RTD), and one official of the Directorate General Communications Networks, Content & Technology (DG CONNECT). The discussion with the European Commission officials was motivating. They clarified my queries regarding various funding and fellowships opportunities under Horizon 2020 for Indian researchers. It was a dream come true to discuss with such personalities at the European Commission headquarters.

I would like to encourage every researcher reader of the EURAXESS Links India Newsletter to use every opportunity to visit or find out about collaboration opportunities with Europe! There are many opportunities for researchers of any nationality.
3.3.2 Coming: European Higher Education Virtual Fair (EHEVF) India and South Asia 2015

The European Higher Education Virtual Fair (EHEVF)—India and South Asia 2015 being organised by the EU Delegation and EU Member States from 26-29 November 2015 will promote the EU as a destination for higher education and research amongst Indian/South Asian students and the academic community. It will help build bridges for longer term institutional linkages between European and Indian/South Asian higher education institutions, as well support and complement the efforts of EU Member States and HEIs in promoting internationalisation of higher education in the EU.

The EHEVF provides an online platform for the EU HEIs to directly engage with students and the academic community in India and South Asia to build educational links with the EU through web presence, Q&A, chat sessions and webinars. The EHEVF website already has the presence of more than 100 HEIs from 23 EU Member States and country information on all 28 EUMS as well as 50+ pages on different subject specialities offered at EU HEIs. The Virtual Fair will provide students with the opportunity to directly interact with participating EU HEI through Q&A, chat sessions and webinars.

EURAXESS Links India will be part of the webinar for researchers “Research opportunities in EU (MSCA, ERC)” scheduled for Friday 27 November 2015 (19:00-20:00 IST).

Prospective students are invited to participate in the Virtual Fair by registering here: www.study-europe.net/user/register

Opportunities for Indian students under EU-funded programmes in higher education and research including Erasmus +, MSCA and ERC is presented on the EHEVF website here:

http://www.study-europe.net/content/erasmus

3.3.3 German Chancellor Dr Angela Merkel visits India

In the framework of the 3rd Indo-German Intergovernmental Consultations held in New Delhi on 5 October 2015, German Chancellor Dr Angela Merkel, accompanied by various ministers from her Cabinet, State Secretaries and a high ranking business delegation, visited New Delhi and Bangalore. Amongst others, she was accompanied by the German Minister of Education and Research, Prof. Johanna Wanka. 18 Memoranda of Understanding were signed during the high level visit. In addition to taking part at the Indo-German intergovernmental Consultations, Minister Wanka, also held bilateral meetings with her counterparts, the Indian Minister for Human Resource Development, Smriti Z. Irani, Minister for Science & Technology and Earth Sciences, Dr Harsh Vardhan, and Minister of State Skill Development & Entrepreneurship (Independent Charge), Mr Rajiv Pratap Rudy. Four Agreements in the field of Science, Technology and Higher Education were signed. Amongst them was the Joint Declaration of Intent signed by the Indian Department of Science & Technology and the German Ministry of Education and Research to extend the bilateral "Indo-German Science & Technology Centre" until 2022 with increased funding from both governments.

Read more: Wiss-Nama Newsletter
3.3.4 Article by Dr Nafees Meah in International Innovation, UK – ‘Uniting the UK and India through research and innovation’

Research Councils UK’s offices in the UK and India have created a large multidisciplinary research programme that aims to establish strong links between the research and business communities in these countries.

Over 1.2 billion people reside within the nearly 3.3 million square miles that make up India – approximately one-seventh of the world’s population. Not only is this population set to grow even larger in the coming decades, its purchasing power is also expected to increase – one that is already significant, as India’s economy is the seventh largest in the world as ranked by GDP. “If India’s ambition of investing 2% of GDP on R&D is achieved and the quality of its research base is improved, then India, by virtue of its size and population, is likely to be one of the most important scientific nations in the world in the next 10 years,” notes Dr Nafees Meah, Director of Research Council UK (RCUK) India.

RCUK India office was launched in 2008 with the intent of creating innovation and prosperity from high-impact research and innovation partnerships between the UK and India. Since then, over 84 projects ranging from the arts and humanities to energy and food security have started involving more than 90 industrial partners. Partnerships are crucial to success, as Meah explains: “International collaboration is a way of achieving India’s goal of being one of the top science nations in the world”. These projects are supported by more than £150 million in funding and have a focus on finding innovative solutions to questions in areas of mutual concern and priority.

Read full article: International INNOVATION

3.3.5 RCUK India participates in an OPEN ACCESS seminar

The Energy and Resource Institute (TERI), India organised an interactive seminar – “Looking Back and Moving Forward: Open Access Movement at the Crossroads” – on open access policy in India. Research Councils UK India participated in this seminar and shared the RCUK policy on open access to research. Others included EU representatives also participated in this seminar.

Initiatives like these and policies of key Indian (DST, DBT) funding agencies pave an important way for India’s appetite for open access. Read more: Blog by Andrew Telford, RCUK India

3.3.6 NIUA – RCUK sign an agreement by way of exchange of letters

India’s National Institute of Urban Affairs (NIUA) and RCUK signed an agreement by way of exchange of letters for collaborative research and innovative activities on urbanisation. Urbanisation is a high priority for India, and a strategic cross council theme for the Research Councils. This partnership will facilitate joint working between the UK and India in the area of urbanisation.
NIUA are the official think tank for the Ministry of Urban Development (MoUD) for the various programmes on urbanisation (e.g. 100 Smart Cities) for the Government of India.

3.3.7 Results of RAMAN-CHARPAK Fellowship 2015

The results of the 3rd call of the Raman-Charpak fellowship programme have been published. This programme is open to researchers enrolled in a PhD programme, who wish to carry out part of their research work in a foreign laboratory in France or in India.

Designed to support two to six months stay in one of the two countries, it offers to the awardees an opportunity to experience both a new scientific and cultural environment. This flagship programme is jointly funded by the SST from the French Embassy in India and the DST, Govt. of India, and managed by the CEFIPRA.

Out of 221 high quality research applications received this year from India and France, 15 Indian and 7 French PhD students have been awarded.

Source: INDO-FRENCH SCIENCE AND TECHNOLOGY NEWS

3.3.8 New: 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 first Indo-Spanish Research & Innovation Newsletter (October 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

3.3.9 Update on the 3rd INDIA - SPAIN Call for Technological Co-operation in Biotechnology jointly managed by CDTI (Spain) and the Department of Biotechnology - DBT (India)

On 15 April 2015, DBT (Ministry of Science and Technology India) and CDTI (Ministry of Economy and Competitiveness, Spain) launched the 3rd joint Call under the Indo-Spanish programme for technological co-operation in the field of biotechnology. The referred to call remained open for submissions until 30 September, 2015.
In the context of the RFP, a total of 7 joint applications between Spanish companies and Indian entities were validly submitted within the deadline in the areas of bioplastics, biopesticides, biostimulants, biomarkers and nanobiotechnology. Techno-financial evaluation is currently under process, and final resolution with projects eligible for financing is expected by December 2015.

Source: CDTI India (To know more you may e-mail at india@cdti.es)

3.3.10 Results of the 2nd Indo-Spanish Joint Request for Industrial R&D Proposals in the field of Clean Tech, ICT and Smart Cities 2014-2015

An Indo-Spanish Joint Request for Proposals (RFP) was launched by India and Spain to promote and fund innovation-driven R&D cooperation projects between Spanish and Indian companies and entities, under the PoC on Industrial R&D, between the Centre for the Development of Industrial Technology (CDTI), Government of Spain and the Department of Science and Technology (DST), Government of India and Global Innovation & Technology Alliance (GITA), India.

In the context of the referred RFP, a total of 8 Indo-Spanish applications were validly submitted within the deadlines. After peer review and financial assessment by DST/GITA and CDTI, both parties have jointly considered eligible for funding the following 2 proposals in the areas of e-Health and flexible electronics, representing by budget a value of EUR 1 million:

1. ENForCA: “Enhanced Silver Nanomaterial Formulations for Transparent Conductive Applications” (Spanish Partner: NanoGap Powder S.A. & Indian Partner: Manipal Technologies LTD.)

2. SMART-HEALTH: “Large population health monitoring and clinical assessment platform” (Spanish Partner: Inviza S.A. & Indian Partner: Plenar Technologies)

Source: CDTI India (To know more you may e-mail at india@cdti.es)

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, FYR Macedonia, 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](http://ec.europa.eu/euraxess)
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 Call for Proposals for 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

4.3 Horizon 2020: Societal Challenges | Over 20 NEW calls launched in October!

Deadline: see under every call
Read more: Horizon 2020 Participants Portal

4.4 Horizon 2020: Industrial Leadership | Over 20 NEW calls launched in October!

Deadline: see under every call
Read more: Horizon 2020 Participants Portal
4.5 Programme from the European University Institute: funding schemes for the Humanities

**Deadline: 31 January 2016**

The European University Institute has offered one of the largest and most prestigious doctoral and postdoctoral programmes in the social sciences in Europe for more than 40 years. It hosts more than 900 scholars from over 60 countries. It is located in Firenze (Italy).

With the programme, researchers get access to high-level research and their independent research is supported by excellent on-site facilities, missions and exchange programmes. Academic life at the EUI is deeply international, dynamic and interdisciplinary.

150 scholarships in four departments are available: economy, history and civilisation, law, political and social sciences. Read more:

*Are you interested?*

Apply online on [www.eui.eu/Phd](http://www.eui.eu/Phd)

More info: applyres@eui.eu

Tel.: +39 (0) 55 4685 373

4.6 PRoF call for candidates 2016 | Innovation

**Deadline: 1 March 2016**

PRoF is an international think tank of interdisciplinary professionals (care, medical, companies, universities, etc.) envisioning the evolution of care systems: Open Innovation that works.

All working together to build visions and realise concept rooms.

The University of Ghent is looking for innovative projects in the broad domain of healthcare applications to enter an award competition organised by the PRoF chair, held by Prof. dr. R. Peleman. The laureates of this competition will be invited for the award ceremony chaired by former President of the European Council Herman Van Rompuy, during an international symposium in Ghent.

The competition accepts all innovations created in the healthcare domain (medical, care, ageing society, etc.) and more specifically one of the following areas:

- new concepts or theories in healthcare models (medical, care, ageing society)
- new insights regarding healthcare infrastructure (architecture and/or equipment)
- innovating healthcare processes and/or procedures
- innovating healthcare products and/or services

Read more: [PRoF UGent Chair Award](#)
4.7 Indo German Partnerships in Higher Education (IGP)

Application Deadline: 1 March, 2016

University Grants Commission (UGC), India and the German Academic Exchange Service (DAAD), Germany invite proposals from eligible Indian and German institutions under the Indo-German Partnerships in Higher Education Programme (IGP). A memorandum of understanding has been signed between DAAD and UGC in the field of higher education. DAAD Vice President Dr Joybrato Mukherjee and UGC chairman Dr Ved Prakash signed the MoU during the recently concluded third Indo-German inter-governmental consultations. The Indo-German partnership in higher education will involve investments of EUR3.5 million (INR 25 crore) each by India and Germany over a period of four years from 2016 to 2020. Through this project, the universities will get an opportunity to develop joint research projects in order to enhance their strategies of internationalisation.

For Indians: here
For Germans: here

4.8 Erasmus Mundus Euphrates I New call coming

A new Euphrates call is expected to be launched in November 2015. This Erasmus Mundus project includes scholarships for Indian students and researchers in the European Union. All the information, such as guidelines and number of scholarships, will be available on the following links:
Website: http://www.usc.es/euphrates
Facebook: http://www.facebook.com/erasmus.mundus.euphrates

4.9 Forthcoming calls

Under HORIZON 2020:


European Research Council (ERC)'s Work Programme 2016: here

Industrial Leadership I Horizon Prize I MATERIALS FOR CLEAN AIR
Planned opening date on 26 January 2017
4.10 Calls still open (many 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.

Deadline for submission: check under specific call.

A few new calls were launched in March under the Societal Challenges pillar.

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 Starting Grant

Deadline: 17 November 2015

• For researchers of any nationality with 2-7 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 located in one of the EU Member States or Associated Countries (including Switzerland)

• Funding per grant: up to EUR 1.5 million (in some circumstances up to EUR 2 million)
• Duration: up to 5 years
• Sole evaluation criterion: scientific excellence of researcher and research proposal

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

The EU Marie Curie Chair I Birgit Arnholdt-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.

**Industrial Leadership | Fast Track Innovation - Pilot (2015-2016)**
Proposals can be submitted at any time as of 9 January 2015, yet will be ranked following three cut-off dates in 2015: April 29 (CLOSED), September 1 (CLOSED) and December 1. The three cut-off dates for 2016 will be made public at a later time. FTI Pilot in Horizon Work Programme 2014-2015: [here](#)

*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 I Atmospheric Pollution and Human Health in an Indian Megacity
Deadline: 10 December 2015

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

**AUSTRIA:** Lise Meitner Programme for scientists from abroad
Deadline: accepted continuously, no application deadlines

**AUSTRIA:** Austrian Database for Scholarships and Research Grants
BELGIUM-Wallonia: **BEWARE Fellowships in Industry and Academia**

Deadline 1 cut-off dates: 30 April (CLOSED), 30 June (CLOSED), 30 September (CLOSED) and **30 November 2015**.

Two funding schemes are open to attract researchers in Wallonia/Federation Wallonia – Brussels: (1) BEWARE FELLOWSHIPS Industry and (2) BEWARE FELLOWSHIPS Academia.

The BEWARE FELLOWSHIPS (BElium WAllonia REsearch) programmes are co-financed by the COFUND program of the European Union (Marie Curie Actions).

FRANCE: **“Connect Talent” 2015 International Call for Projects**

Deadlines: 28 April 2015 (closed), September 2015 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: **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 7699 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

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 DocPro: a brand new tool to connect doctorate holders and companies

DocPro is an online platform that helps PhDs to highlight their professional and personal skills for employers. It may be used by PhDs from all scientific fields, from STEM to Humanities, and from all countries. The tool is available in French and English.

DocPro was developed by the Association Bernard Gregory (ABG), with the aim to have companies, doctorate holders and doctoral programmes managers share the same understanding of the skills a doctorate develops.

On this platform:

- **Doctorate holders** can pinpoint the skills they developed during their doctorate and increase their communication efficiency towards employers, especially by giving appropriate examples from their own experience;
- **Companies** can present the kind of profiles they are looking for and increase their attractiveness;
- **Heads of doctoral programmes** can identify the needs for skills development and adapt their training offers for their own doctoral candidates.

Access the platform [here](#)

Source: ABG

5.5 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.

5.6 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.

5.7 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.

5.8 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

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<th>Event (click on event title for more details)</th>
<th>Location</th>
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<td><strong>6.1 Europe</strong></td>
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<td>Events announced under Horizon 2020 website</td>
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<td>The website includes information on the Information Days by the European Commission and Brokerage events</td>
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<td>EURAXESS Roadshow 2015 across Europe</td>
<td>16 countries 34 stops</td>
<td>5 Oct.- 20 Nov.</td>
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<td>Vitae Connections: Supporting Open Researchers</td>
<td>Leeds, UK</td>
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<td>ESOF 2016 (next year!)</td>
<td>Manchester, UK</td>
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<td><strong>6.2 India</strong></td>
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<td>2nd ETSI Indo-European Dialogue on ICT Standards &amp; Emerging Technologies</td>
<td>New Delhi</td>
<td>4 November</td>
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<td>EURAXESS Links India will be there</td>
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<td>Intersolar India 2015</td>
<td>Mumbai, Maharastra</td>
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<td>The German House for Research and Innovation-DWIH organises Art and Science Exhibition in Bangalore</td>
<td>Bengaluru, Karnataka</td>
<td>20-29 November</td>
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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).