

2014
October
Issue 40

EURAXESS LINKS INDIA

Dear Colleagues,

It is my pleasure to present to you the 40th issue of the EURAXESS Links India Newsletter.

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

This issue opens with our '**EU Insight**' focusing on *Weighing the Benefits of International Student Mobility on Future Employability*. It also includes a **special feature** with Prof. R. B. Singh's contribution "**University of Delhi-Geography Department started work towards 'Sanitation is Dignity' under Swachha Bharat Abhiyaan 2014**".

You will also find information on **News** related to research and innovation in Europe and India, a selection of new **Grants and Fellowships**, of **Job opportunities** as well as of upcoming **Events**.

In October, we had the pleasure to welcome some of you at the **EURAXESS Connect event on Social Sciences and Humanities** in New Delhi. We have also been getting ready to welcome the 5 finalists and the audience at the **EURAXESS Science Slam** live finals in Mumbai on 1st November.

If you have any comments or remarks on the newsletter or the website, or if you would like to include an event or news item, please let us know. The monthly Newsletter is also meant to be a communication tool for its readers. I enjoy interacting with you.

Enjoy the 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: Ainhitze Bizkarralegorra Bravo, EURAXESS Links India, Country Representative



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1 EU Insight – Weighing the Benefits of International Student Mobility on Future Employability

Understanding the role of education and its influence on skills development and their ties to future job attainment and socioeconomic prosperity is an important question for Europe. Isolating the specific factors which contribute to this process is equally important. International student mobility is one such factor, and the main subject of the recently published report [The Erasmus Impact Study: Effects of Mobility on the Skills and Employability of Students and the Internationalisation of Higher Education Institutions](#) (EIS), commissioned by the European Commission. Conducted and written by a panel of independent researchers, the EIS yields interesting findings about the benefits of going abroad.

The Report

The EIS is the end result of the largest single study ever conducted on the effects of international mobility on students and higher education institutes (roughly 76,000 respondents). It is also in response to the European Commission's efforts to improve students' career options and combat high youth unemployment "through study or training abroad".¹ As the premier programme within Europe supporting international mobility amongst students and higher education employees, Erasmus serves as a perfect case study for exploring the question of mobility's effect on one's future job prospects and the impact of such mobility on one's place of work.

Designed to "go beyond perception studies...to measure real effects and outcomes",² the EIS used a mixed methods approach to "identify the effects of the Erasmus mobility programme on the employability, skills enhancement and institutional development on student's future employability", while also "examin[ing] the impact of Erasmus staff and teaching mobility"³ to reach the conclusion that **mobility is good for employment**.

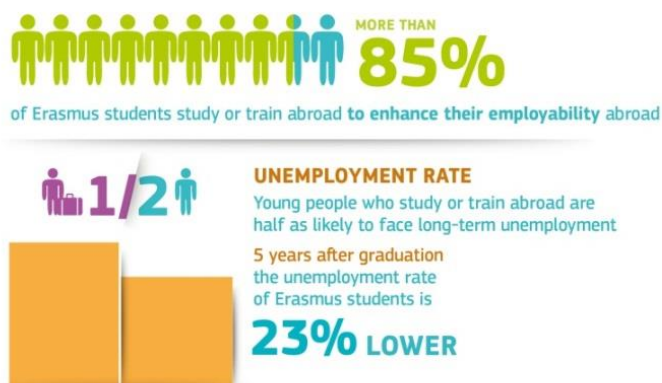
¹ Erasmus Impact Study confirms EU student exchange scheme boosts employability and job mobility [Press release]. European Commission, (2014); http://europa.eu/rapid/press-release_IP-14-1025_en.htm

² *The Erasmus Impact Study: Effects of Mobility on the Skills and Employability of Students and the Internationalisation of Higher Education Institutions*. European Union (2014): 22.

³ Lee, Petra. "Employment Prospects Rosier for Erasmus Graduates". *University World News*, 336, 24 September 2014.



EMPLOYMENT AND CAREER DEVELOPMENT ERASMUS STUDENTS



Erasmus Impact Study confirms EU student exchange scheme boosts employability and job mobility [Press release]. European Commission, (2014); http://europa.eu/rapid/press-release_IP-14-1025_en.htm

Groups targeted by the study included: students and staff (academic and non-academic) of higher education institutions, programme alumni, higher education institutions and employers. The study included online surveys that covered 34 countries – EU member states as well as Macedonia, Iceland, Liechtenstein, Norway, Switzerland and Turkey.⁴ The qualitative study focused on eight countries that are diverse in size and location – Bulgaria, Czech Republic, Finland, Germany, Lithuania, Portugal, Spain and the United Kingdom – and included site visits, interviews, focus groups and institutional workshops.⁵

Besides study abroad, work placements and trainings engaged in abroad were also factored into the study's scope. These international work experiences were also found to have a profound impact on an individual's future career options.

The Findings

Additional key findings of the report include:

⁴ Ibid.

⁵ Ibid.



- The Erasmus programme is as inclusive as other mobility programmes;
- **64% of employers consider an international experience important for recruitment** (up from 37% in 2006), with such hires given more responsibility earlier;
- **More than 1 in 3** Erasmus trainees were offered a position at their host company;
- Young people trained abroad are **50% less likely** to experience long-term unemployment;
- Almost **1 in 10 Erasmus trainees** who did work placements have started their own company, **3 out of 4** envisage doing so;
- Transversal (transferable) skills important to employers are also the skills improved during an Erasmus period abroad;
- **On average, 92% of employers are looking for transversal skills**, on top of knowledge in their field (91%) and relevant work experience (78%)

Room for Improvement

It is interesting to note that many of the positive outcomes listed above occur as a result of working, and not just studying, abroad. This distinction is something strongly emphasized in an article by Hans de Wit, one of the external advisors associated with the study, as receiving insufficient attention in the report.⁶ Also questioned is the fact that the study does not provide much insight into the actual motivations respondents have for going abroad for work or study. Understanding these factors, especially how international of a home life one has or how international of a curriculum one experiences prior to going abroad, and how these things influence motivation to be mobile or not, is noted as a necessary next step if the goal of mobility for all young people is truly to be achieved.

⁶ de Wit, Hans. "Erasmus Report Fuels Internationalisation Debate". *University World News*, 336, 10 October 2014.



2 Feature - “University of Delhi (DU)- started work towards 'Sanitation is Dignity' under Swachha Bharat Abhiyaan” by Dr. R.B. Singh, Head of Geography Department



Clean India Campaign logo
Source: ndtv

This action plan by DU is linked to the Prime Minister's initiative **Swachha Bharat Abhiyaan (Clean India Campaign)** that was launched nationwide on 2nd October 2014 on the date of Ghandi's birthday anniversary. The campaign is India's biggest ever cleanliness drive and 3 million government employees and schools and colleges students of India participated in this event (see related news under section 4.2.1. of the Newsletter)



DU VC Prof. Dinesh Singh on 2nd Octobe.2014



Prof. R.B.Singh and team in action on 2nd October 2014.

(see related news under section 4.2.1)

In India, despite laudable achievements in various fronts, a substantial proportion of people are still without access to adequate food, clean water, sanitation, and healthcare facilities. For fulfilling the Directive Principles it is our responsibility to provide sufficient, safe, acceptable, accessible and affordable water and sanitation for all, together with promoting clean environment. If health is life, sanitation is dignity. Access to affordable health services together with better sanitation facility is a basic human right that safeguards life and human dignity. Sanitation and hygiene can save millions of lives and need integrated understanding. Considering above issues in mind, *Department of Geography, University of Delhi has undertaken various initiatives.*

DU Vice Chancellor Prof. Dinesh Singh also visited in the Department of Geography, DU on 2nd October 2014 and blessed the events and made various suggestions. On the eve of Swachha Bharat Abhiyaan on 1st October, 2014, 'Cleanness work' in the Department was started under leadership of the Head-Geography R.B.Singh (Vice President-International Geographical Union). Ms. Shophie (writer of famous book on Coastal Mega Cities published from Routledge), King's College, London also joined this initiative. *Key activities include:*

1. Department of Geography constituted '**Swachha Bharat Abhiyaan Committee**' involving faculty members, M.A., M.Phil. and Ph.D. students on daily basis for entire academic year 2014-15.
2. Cleaning drive in the Department starting on. 2nd October 2014. Getting voluntary active participation for continuous cleanliness.
3. Continue monitoring and review on cleanliness work through Departmental Council.
4. Display of poster for creating general awareness regarding sanitation and cleanliness.
5. Initiative towards paperless office work. Most of the Notices and Circulars are to be distributed through e-mail.
6. Students, teachers and office staff members were advised to dispose off the food waste properly in the several dustbins kept in the premises.
7. Both sides printing of M.A. Dissertation and M.Phil. Thesis.
8. Repair of partially damaged furniture's etc.



9. Cash incentive to part-time Safai Karamchari (person doing cleaning services).

10. M.Phil. Research work will be starting on “Sustainable Sanitation”.

11. Workshop on “Research and Action Oriented Strategy for Swachha Bharat Abhiyaan”.



Prof. R.B. Singh introducing the workshop to over 80 participants



DU students listening attentively to the inspirational speeches by some of their professors

Department of Geography, University of Delhi organized a **Workshop on Research and Action Oriented Strategies for Swachha Bharat Abhiyaan** on **17th October 2014**. The guests of honour for the event were Ms. Ainhitze Bizkarralegorra Bravo, Country Representative-EURAXESS Links India, European Commission - Research and Innovation Initiative, Ms. Geeny George Shaju, Research Councils, UK (RCUK) India. and Eminent Anthropologist Prof. P.C. Joshi.

R.B. Singh, Vice President, International Geographical Union (IGU) and Head, Department of Geography in his *introductory speech* identified the *need of interdisciplinary research initiatives in the field of Swachhata*. Dr. Singh enlightened the audience with the concept of millennium development goals linked with sanitation and stated that simply having access to sanitation increases health, well-being and economic productivity. He linked geography with the work of the Dr. O’Keefe of University College, London, 2014 Nobel Medicine Prize. Dr. O’Keefe found that some cells, now known as place cells, were quiet most of the time, but burst into life whenever the rat in question was in a particular part of its range---different cells are being active in different places. This was the first indication that there is a specific relationship between the geography of the outside world and the geography of an animal’s brain. Dr. Singh asked the researchers and teachers take lesson from the Nobel Prize winner and link our researches with health and wellbeing. Dr. Singh asked the academic community to collaborate together for building India a more hygienic country to live with the notion where health is life and sanitation is dignity.



Dignity and a healthy environment being universal values, EURAXESS Links India did not want to miss this pioneer workshop at DU

Guest of Honour *Ms. Ainhitze Bizkarralegorra Bravo, Country Representative-EURAXESS Links India*, emphasized on *boundary free research between India and the European Union for further promotion of Swachh Bharat Abhiyan*. Talking about the '[EURAXESS-Researchers in Motion](#)' initiative she identified the four pillars of this European Commission initiative: (i.e. '[EURAXESS JOBS](#)', '[EURAXESS SERVICES](#)' '[EURAXESS RIGHTS](#)' as well as '[EURAXESS LINKS](#)'). Through the events of EURAXESS in India, researchers can SHARE (discuss best practices on issues of general interest), CONNECT (explore collaboration opportunities in particular research fields such as at the EURAXESS event in social sciences and humanities taken place on 14th October in Delhi at the occasion of the launch of the EQUIP Platform), and through SCIENCE SLAM, researchers in all fields, have the opportunity to present their idea/project to a non experts audience, and with it help popularize science and win a field trip to Europe.



Encouraging posters by students at UD



Older and younger leaders are inspiring students to bring their share in the Clean India campaign



Another encouraging message at DU

There are also collaboration opportunities under Horizon 2020 (European Union Research & Innovation Programme) as well as coming from European countries, such as the Green Talents of Germany. Ms. Geeny George Shaju, Representing Research Council UKIndia, and also guest of honour, highlighted to link Swachh Bharat Abhiyan with 'EU-India Social Sciences and Humanities Platform (EqUIP)' and offered the young researchers to collaborate in several initiatives by UK Research Councils.

Prof. P.C. Joshi, Department of Anthropology, University of Delhi emphasized on the philosophy of Mahatama Gandhi on cleanliness for emancipation and liberation with equity and dignity. He also mentioned for eradication of hierarchy concept in context of sanitation beside cultural ethos of India. He presented his four year research work on human behavior towards cleanliness and talked about ascribed status and achieved status in context of sanitation across 120 localities including Delhi, Ranchi, Nagpur, Imphal, Udaipur, Luckhnow, etc. and came to the conclusion that waste become garbage if it is not recycled on time. He accepted the Department of Geography offer for collaborating in the field of research on Swachh Bharat Abhiyan by restudying the area and further identification of bottlenecks.

Dr. Rajesh, Head, Department of Adult Education & Continuing Education congratulated Dr. Singh for such an initiative to bring academic fraternity at one dice for Swachh Bharat Abhiyan. He further informed about the 2 day UNESCO collaboration workshop on 22nd October 2014 and invited Department of Geography to participate and collaborate to strengthen the mission. *He asked the researchers to identify spaces which are vulnerable in context of sanitation.* Dr. V.K. Dixit, Department of Adult Education & Continuing Education emphasized on urgent need to eradicate the genderized concept of cleanliness where Department of Geography can role a pivotal role in collaboration with Adult Education and other Departments. Dr. Subhash Anand, Associate Professor, Department of Geography, mobilized the audience with the concept of sanitation, smart cities, clean drive and focused the attention of audience on the role of rag pickers as true environmentalist by highlighting their respective role as dignified waste managers.

Finally the workshop concluded with the formation of four Research Working Groups for Discussion and Report on (i) Human Health, (ii) Water and Sanitation, (iii) Air Pollution and (iv) Solid Waste Management. The groups consisting of teachers and students identified the major driving factors, impacts, solution and application of Geo-spatial Techniques for Identification of Sanitation Hotspots and their Monitoring.

Research work will be undertaken linking Sanitation and Health:

1. Focus on safe drinking water, hygiene and sanitation especially for children.
2. Achieving the target of water borne diseases mortality to zero.
3. Awareness among the people by the mode of mass communication networks (Adds on TV show, FM, Radio, etc.) and distribute pamphlet in slums and rural area to promote sanitation and cleanliness.

Contact for more information:
Prof. R.B. Singh
Head: Department of Geography
Delhi School of Economics
e-mail: rbsgeo2@gmail.com



3 EURAXESS Events in India

3.1 EURAXESS Science Slam 2014



EURAXESS Science Slam India Finalists 2014: Anand (winner), Sabeena, Priti, Saurabh and Shreejata

The five finalists that successfully passed the pre-selection round have battled it out at Café Zoe (Mumbai) on 1st November 2014. They were (listed in alphabetical order):

The finalists 2014 in India are (alphabetical order):

Mr. Saurabh Aggarwal, Indian Institute of Science (Bangalore),
PhD student

Title of presentation: "Bringing Science to Villages"

Mr. Anand Das, TIFR-Tata Institute of Fundamental Research (Mumbai),
PhD student

Title of presentation: "A forgotten life..."

Ms. Sabeena M, HBNI / IGCAR -Homi Bhabha National Institute/ Indira Gandhi Centre for Atomic Research (Kalpakkam), PhD student

Title of presentation: "Playing with Molybdenum atoms in Titanium lattice"

Ms. Priti Gupta, TIFR-Tata Institute of Fundamental Research (Mumbai),
PhD student

Title of presentation: "Bending Rules: N-Lightening the Future"

Ms. Shreejata Gupta, National Institute of Advanced Studies (Bangalore),
PhD student

Title of presentation: "Towards the Roots of Language: Development of communication systems in macaques leading to understanding of human language"



The audience chose EURAXESS Science Slam India 2014 and we proudly announce that it is Mr. Anand Kant Das from Tata Institute of Fundamental Research (TIFR) Mumbai who has won a free Field trip to Europe!! During his trip Anand will be offered a science communication training (in Germany) and visit a research institute of his choice in one of the 40 countries of the European Research Area.

EURAXESS Links India would like to congratulate all the finalists for very creative and entertaining contributions!

For more detailed information on the Science Slam finals stay tuned for the next issue of this newsletter at the end of November! The readers of our newsletter will have the chance to meet the winner and the other finalists in coming issues of EURAXESS Links India Newsletter.

Further information: [EURAXESS Links India](http://ec.europa.eu/euraxess)



3.2 EURAXESS Connect: Linking Europe and India on Social Sciences and Humanities'

(see related news under section 4.3.1)

EURAXESS Links India started the school year actively participating at the launch of the 'EU-India Social Sciences and Humanities Platform (EqUIP)' on 14th October in New Delhi (see more on EqUIP Platform under section 4.3.1).



Discussion in plenary



Working group in action



Working group reflecting

The official launch of EqUIP Platform was part of a *whole day event* on 'Opportunities for Europe-India cooperation on Social Sciences and Humanities' that EURAXESS Links India offered to twenty seven researchers of its network.

The *official launch* of the new platform took place in the afternoon with the participation of also this selected group of researchers connected to social sciences and humanities. In the morning, the group participated at the 'EURAXESS Connect: Linking Europe and India on Social Sciences and Humanities' event.

The first session in the morning served as a small sample of where EU-India cooperation stands in social sciences and humanities. Some of the researchers are already cooperating with Europe. All participants shared wanting to explore possibilities under EqUIP Platform and hoped to be able to contribute to future Europe-India work from their respective fields. In the second session, participants tried to define and identify tips that could help connect Indian and European researchers and funding agencies. The morning session closed with a networking lunch.

Although the majority of researchers were either from Delhi or the proximity, EURAXESS Links India was able to financially support five researchers from elsewhere in India (Goa, Varanassi, Mumbai and Kolkata) to participate at the event. The group was very diverse and although not gender balanced, each working group included at least one female participant.

This was the first EURAXESS Connect event on social sciences and humanities in India. EURAXESS Links India will continue to explore synergy opportunities in the context of the EqUIP Platform.

The names of the twenty seven researchers identified for this event will be passed to the coordinators of the EqUIP Platform for future cooperation.. If you are a researcher interested in the social sciences and humanities and were not able to participate in this event, stay tuned for further information on this new EU-funded project. Its official launch and this EURAXESS Connect event were just the beginning of this new research collaboration initiative.

Read more: [ESRC](#)



3.3 Other EURAXESS events



EU Ambassador Dr. João Cravinho at the office inauguration on 3rd November 2014



EURAXESS Links Office
Paharpur Business Centre (303)
21 Nehru Place Greens
New Delhi 110019

On 3rd November 2014 the inauguration of EURAXESS Links Office hosted by PT-DLR (Project Management Agency – German Aerospace Center) took place in **New Delhi**. It was a joint event with two other German organisations (i.e. Forschungszentrum Jülich and University of Cologne). The three organisations will share a common office space at Nehru Place. The **new meeting point** will be ready to welcome you after 15th November. Please enquire for appointments with the EURAXESS Links India Representative via phone or email before stopping by. EURAXESS Links India will also be present at the following events:

- **EU-India STI Cooperation Days:** 12-13-14 November, Chennai (Tamil Nadu)
- **2nd GITA Platform at Knowledgexpo:** 20-22 November, Noida (Delhi)
- **European Higher Education Fair 2014:** 30 November and 1 December New Delhi, and 5 December Kolkata.

It will be good meeting as many as you as possible at these events. If you will be attending any of these events and would like to be in touch please contact us at india@euraxess.net

Follow the latest on EURAXESS Links India events [here](#).

The European Union Delegation to India is also following EURAXESS Links India events on [Facebook EU in India](#).

3.4 EURAXESS Links India on-site visits

The Country Representative can present the services offered by EURAXESS Links India, cooperation and career opportunities with Europe etc. on-site – at your university or your research institution! The **planning** of on-site presentations between **January 2015** and **June 2015** is under way. If you wish to host such a presentation in your organization, please contact us at india@euraxess.net.

- ‘EURAXESS Info Day’ at Bharati Vidyapeeth University in **Pune**: 17th December 2014.





4 News & Developments

4.1 European Union

4.1.1 Nomination of new EU Commissioner for Research and Innovation



What's ERA about?



ERA is about enabling researchers, research institutions and businesses to better move, compete and co-operate across borders. This will strengthen EU Member States' research systems, increase their competitiveness and allow them to work together more effectively to tackle major societal challenges.

Carlos Moedas, the new EU Commissioner for research and innovation won over the EU Parliament: "Implementation, implementation, implementation," said the Portuguese who is 44 year old, in a response to a question of a Member of the European Parliament on how he saw his role for the next five years.

There are three main bottlenecks in Europe's research world, with a need for common objectives between national research agendas; a lack of transparency in university recruitment; and an ongoing gender imbalance.

A roadmap will be presented at the end of 2015 to complete the European Research Area (ERA), he said. "I will be ferocious in making sure it is implemented," Moedas promised.

4.1.2 New pan-European pension fund to boost researcher mobility

Mobility of researchers in Europe received a boost with the launch of a consortium that aims to establish a new pan-European pension arrangement. Once put in place, the RESAVER initiative would mean that researchers could move freely without having to worry about preserving their supplementary pension benefits.

The consortium plans to set up the pension arrangement in 2015. It will enable researchers to remain affiliated to the same pension fund, even when changing jobs and moving between different countries. The European Commission will cover the initial set up costs through a four-year framework contract that will be awarded before the end of 2014.

The consortium will be working as an international not-for-profit association registered in Belgium. The founding members are: Central European University Budapest; Central European Research Infrastructure Consortium (CERIC-ERIC); Elettra - Sincrotrone Trieste S.C.p.A; Fondazione Edmund Mach; Istituto Italiano di Tecnologia; Technical University of Vienna; and the Association of universities in the Netherlands (VSNU).

By participating in RESAVER, employers will be able to sponsor one single pension arrangement. It will be a highly flexible retirement savings product that corresponds to the specific needs of the research community, and is capable of delivering:

1. cross-border pooling of pension plans;
2. continuity of the accumulation of pension benefits as professionals move between different organisations and countries during their



career;

3. lower overhead costs (and therefore improved member benefits) through economies of scale;
4. a pan-European risk pooling solution.

The fund will help get closer to the European Research Area (ERA), a true 'single market for research'. The second ERA Progress Report, published on 16 September 2014 (IP/14/1003), confirmed that researcher mobility has serious benefits. For example, the research impact of researchers who have moved between countries is nearly 20% higher than those who have not. They generate more knowledge, which in turn means bigger benefits to the economy.

Source: [European Commission](#)

4.1.3 Europe takes ITER construction to the next level

The floor upon which the biggest fusion machine in the world will rely on has been constructed. This landmark achievement marks the conclusion of the works that started in August 2010 and represent an investment of around 100 million EUR for F4E, the European Union's organisation responsible for Europe's contribution to ITER (International Thermonuclear Experimental Reactor). The construction has been carried out by a group of companies led by GTM SUD and under the supervision of F4E and the ENGAGE consortium consisting of Assystem, Atkins, Empresarios Agrupados and Egis. The floor will be able to support more than 400,000 tonnes of buildings infrastructure and equipment, including the ITER machine weighing 23,000 tonnes.

Professor Henrik Bindslev, Director of Fusion for Energy (F4E), explained that "Europe is taking the ITER construction to the next level. The basemat is the test bed of the biggest international collaboration in the field of energy. It's where the scientific work and industrial know-how will come together and be deployed to seize the power of fusion energy". Professor Osamu Motojima, Director General of ITER International Organization (ITER IO) stated that "the conclusion of this task is a historical moment for the project. Years of hard work by all ITER parties are bearing fruit as the facility takes shape and makes progress on all fronts".

Source: [Fusion for Energy](#)

4.1.4 European Commission and data industry launch €2.5 billion partnership to master big data

The European Commission and Europe's data industry have committed to invest €2.5 billion in a public-private partnership (PPP) that aims to strengthen the data sector and put Europe at the forefront of the global data race.

Mastering big data could mean:



1. up to 30% of the global data market for European suppliers;
2. 100,000 new data-related jobs in Europe by 2020;
3. 10% lower energy consumption, better health-care outcomes and more productive industrial machinery.

A Memorandum of Understanding to set up the PPP on big data was signed on 13th October by European Commission Vice President Neelie Kroes and President of the Big Data Value Association, Jan Sundelin, who acts on behalf of companies including ATOS, Nokia Solutions and Networks, Orange, SAP, Siemens, and research bodies such as Fraunhofer and the German Research Centre for Artificial Intelligence. The EU has earmarked over €500 million of investment over 5 years (2016-2020) from Horizon 2020 which private partners are expected to match at least four times over (€2 billion).

The PPP will help focus public, private and academic research efforts to support research and innovation in game-changing big data ideas in fields such as energy, manufacturing and health to deliver services like personalised medicine, food logistics and predictive analytics. By implementing its Strategic Research & Innovation Agenda and concentrating Horizon 2020 support on common priorities, the PPP will strengthen Europe's big data community and help lay the foundations for the thriving data-driven economy of the future. The PPP will also support "Innovation Spaces" that will offer secure environments for experimenting with both private and open data. These will also act as business incubators and hubs for the development of skills and best practices.

The PPP, due to start on 1st January 2015, is one of the first outcomes of the European Commission's recent policy and action plan accelerate the development of Europe's data-driven economy.

Source: [European Commission](#)

4.1.5 Nobel Prize in Physiology/Medicine to two European Research Council grantees

The Nobel Assembly at Karolinska Institutet, Stockholm, that the 2014 Nobel Prize in Physiology/Medicine has been awarded to Professor Edvard I. Moser and Professor May-Britt Moser, both European Research Council (ERC) Advanced Grant holders, together with Professor John O'Keefe, "for their discoveries of cells that constitute a positioning system in the brain".

This is the third time that a Nobel Prize goes to top researchers funded by the ERC since its launch. Through a highly competitive selection based on excellence, the ERC has supported some top researchers across Europe.

Source: [ERC](#)

4.1.6 EUROfusion - the European Fusion Joint Programme

The European Commission and the European fusion research laboratories launched on 9th October a European joint programme on fusion in Horizon2020 - 'EUROfusion' - that will ensure significant progress along the path towards the realisation of fusion energy. This joint programme has an overall budget of at least EUR 850 million over the period 2014-18, of



which about half will come from the Euratom Horizon 2020 fusion energy research programme.

EUROfusion is a major achievement of both the European Commission and the fusion community. EUROfusion is a consortium of all national fusion research institutes across the European Union plus Switzerland. It is built on the solid foundations established in previous Euratom Framework Programmes, which supported the collective development of fusion science & technology and made Europe the world leader in this domain. EUROfusion represents even closer integration than in the past. In particular, the consortium has established a 5 - year joint programme with an overall budget of €850 million, which follows the agreed roadmap to fusion electricity. The latter is a comprehensive goal-oriented approach to developing fusion as a viable energy source by 2050; the success of ITER is the most crucial aspect in this roadmap. The present ceremony marks the signing of the Grant Agreement (contract) between the Commission and EUROfusion that provides €424M in funding from the Euratom Horizon 2020 programme 2014-18 and the same amount from Member States.

EUROfusion includes 29 partners from 26 Member States (excluding Luxembourg and Malta) and Switzerland. All EU member states were invited to participate in this Consortium.

Source: [EUbusiness](#)



4.1.7 Standards at the JRC: pursuing harmonisation and interoperability

Standardisation work is carried out by the JRC in fields ranging from environment, health and consumer protection and safety of the citizen, through energy and transport to nuclear safety and security.

The World Standards Day, celebrated internationally on 14th October, puts the focus on the benefits of standards and harmonised measurements for global and regional economies, as well as for societies. Around 70% of the Joint Research Center (JRC) work is related in one way or another to standardisation. Its scientists provide scientific and technical support in a range of areas from environmental monitoring to critical infrastructure protection, and from food and feed safety to nuclear safety and security.

In order to underpin the standardisation processes, research done at the JRC deals with pre- and co-normative research, harmonised methods and reference measurements and methodologies, providing the scientific base needed for the development, approval and implementation of standards.

The JRC also regularly brings together the scientific and standardisation communities in a series of "putting science into standards" events.

Comprehensive information about the vast JRC work in the area of standards can be found in the "[Science for Standards: a driver for innovation](#)" JRC thematic report.

Source: [JRC](#)



4.1.8 European research project helps cut CO2 emissions

Global warming is the biggest threat to mankind in the 21st century as the ongoing battle against CO2 emissions takes many forms. Throughout Europe there is the growth and development of windfarms, research into wave energy, the focus on recycling, waste reduction, and prototypes of electric engines or engines fuelled by alternative energy technologies.

Source: [European Commission](#)

4.1.9 Working towards more accurate forecasts of future climates

Climate modelling is fundamental to predicting, or estimating, future trends in our planetary environment. Yet it is a science based on observations, assumptions about likely effects, and with many potential uncertainties. Reducing the number of uncertainties improves the accuracy and capability of climate models - which was the goal of the European Union (EU)-funded research project COMBINE.

Source: [European Commission](#)

4.1.10 The first pillar of Horizon 2020 is now open to Switzerland-based researchers

Switzerland and the EU have agreed on a partial association, which has provisionally been in effect since 15 September 2014 and which will initially run until the end of 2016.

This partial association allows researchers in Switzerland to again participate as associated and equally entitled partners in all activities under the first pillar of Horizon 2020, comprising **ERC grants, Marie Skłodowska-Curie Actions, Future and Emerging Technologies (FET) and research infrastructures**. Researchers in Switzerland will also be able to participate as associated partners in Euratom and in the programme section on Spreading Excellence and Widening Participation. As associated partners, researchers in Switzerland will again receive direct funding from the EU.

For all other Horizon 2020 calls (second and third pillar) Switzerland remains a third country entity. In these programme areas, Swiss partners can still join European collaborative projects, however they will not be entitled to any direct funding from the EU for their part. Nevertheless, the Federal Council decided on 25 June 2014 that researchers and institutions in Switzerland involved in Horizon 2020 collaborative projects approved by the European Commission would be [funded directly by the Confederation](#).

Source : [Europa.eu](#) and [State Secretariat for Education, Research and Innovation](#) (SERI)

Fact sheets

Swiss institutions host about 300 holders of ERC grants worth a total of more than €540 million

$\frac{3}{4}$ of Swiss based ERC grantees are non-Swiss and around $\frac{1}{2}$ of researchers based in Switzerland are foreigners.

« According to Ralph Eichler, president of ETH Zürich [14th university in the world according to 2013-14 *Times Higher Education* World University Rankings], 70 percent of his faculty are non-Swiss, as are 65 percent of Ph.D. students and 35 percent of master's students. »



4.1.11 New tsunami alert system tested in Portugal

A new tsunami alert system developed by the Joint Research Centre (JRC) was tested in Setubal, Portugal, today. The experiment confirmed the effectiveness of using a sea level measurement device to trigger automatic alerts. This new system could be used to detect any kind of tsunami before they reach the sea shore, and issue automatic warnings to populations at risk in order to facilitate timely evacuations.

The experiment is part of a European research activity which studies new advanced methods to improve disaster alerting mechanisms and to shorten the transmission time of alerts. The JRC is conducting the experiment in close collaboration with the Portuguese Institute of Sea and Atmosphere (IPMA).

Source: [JRC](#)

4.2 India

4.2.1 Launch of 'Swachh Bharat Abh Abhiyan': Modi puts Mahatma back in focus

(read also special feature under section 2)

By sweeping dirt on the pathway to Balmiki Sadan, a historic temple complex inside a spartan Delhi colony of sanitation workers, Narendra Modi thrust Mahatma Gandhi and one of his fading ideals back into public imagination in a rapidly modernising India.



Clean India Campaign logo

Source: ndtv

The 150-year-old Balmiki Sadan temple is a vantage point for Modi to mount his first big campaign against social ills since becoming prime minister. Balmiki Sadan was constructed, like such temples elsewhere, by Valmikis -- a neglected Dalit group and erstwhile "untouchables" forbidden from mainstream Hindu religious places.

Gandhi's birthday is a fitting platform for a mission for a filth-free India, "Swachh Bharat". In his Independence Day speech, Modi talked of a clean India for Gandhi's 150th birth anniversary on October 2, 2019.

Since taking office, Modi has repeatedly invoked Gandhi, who crusaded against both uncleanness and discrimination against lower castes considered spiritually and physically unclean for much of India's history. Cleanliness is more important than independence, Gandhi had once said.

"Swachh Bharat" enables Modi to enter Gandhi's legacy through a pertinent but politically uncontested issue: clean India.

Gandhi of course stood for many things, such as non-violence, composite culture and, importantly, his prescription for adjustments between Hindus and Muslim so that they live harmoniously.

Read more: [Hindustan Times](#)

Read more on Swachh Bharat Mission: [Ministry of Information & Broadcasting](#)



4.2.2 India launches Maithreyi International Visiting Professorship

Indian Minister of Science and Technology and Earth Sciences, Dr. Jitendra Singh launched 'The Maithreyi International Visiting Professorship' on 11 October in New Delhi. The programme will be supported jointly by the Department of Biotechnology (DBT) and the Department of Science and Technology (DST). Within the framework of this programme, 12 leading international scholars in science and technology, from across the globe will be invited to visit India to deliver talks. All talks will be recorded and made available worldwide on the Internet, and transcribed in Hindi and English and possibly in several other Indian languages.

Read more: [India Today](#)

4.2.3 India to launch \$730M National Supercomputing Mission

India's plans to be a world-class computing power are taking shape as the nation's government lays out its strategy to build a vast supercomputing grid, comprised of more than 70 high-performance computing facilities. The project is expected to take seven years and comes with a price tag of \$730 million (Rs. 4,500-crore). It calls for at least three petascale machines about 40-times faster than the country's current record-holder, which puts the estimated output in the 25-30 petaflops range

Read more: [HPC wire](#)

4.2.4 Global Initiative of Academic Networks (GIAN)

President Obama welcomed India's proposal to establish the GIAN under which India would invite and host up to 1,000 American academics each year to teach in centrally-recognized Indian universities, at their convenience.

Read more: [The White House](#)

4.2.5 Andhra Pradesh government publishes its draft policy promoting innovation and startups

In September, the State of Andhra Pradesh government published on the web its draft policy promoting innovation and startups. The new state government has set an ambitious target, planned to establish 100 incubators and develop 1 million sqft of incubation space during the next five years through its Innovation and Start-up Policy. It has also set various targets for itself, including setting up of 5,000 companies and start-ups by June 30, 2019. The state government has also aimed at creating at least one home-grown billion-dollar technology start-up during this time period. In order to achieve its targets, the government has planned to partner with Indian and globally successful incubators to replicate the successful funding and mentoring models.

Read more: [Government of Andhra Pradesh](#)



4.3 India-Europe cooperation

4.3.1 EqUIP launch: EU-India collaboration on social sciences and humanities

(read also EURAXESS event under section 3.2)



João Cravinho, Ambassador of the European Union to India said: "The European Union is proud to support 10 European countries joining forces with Indian Council of Social Science Research to enhance networking and coordination in social sciences and humanities. This cross-cutting discipline is crucial for enhancing the socio-economic impact of research and for evidence-based policymaking".



EURAXESS Links India proposed concrete collaboration actions to EqUIP Platform

On 14th October the EU-India Social Sciences and Humanities Platform (EqUIP) was launched, which is a new programme aimed at giving impetus to the EU-India research relationship. EqUIP is a €1.5 million project funded by the European Commission and will bring together 12 European research funding organisations with key funding agencies in India to develop a stronger strategic partnership in social sciences and humanities.

The launch event was led by the UK's Economic and Social Research Council (ESRC), Indian Council of Social Science Research (ICSSR), Research Councils UK (RCUK) India, in partnership with EURAXESS Links India. In the morning a EURAXESS Connect event took place (see section 3.2)

EqUIP will unite the international research communities and key funders in Europe and India to engage, cooperate and network in an increasingly important sphere of social sciences and humanities.

High level representatives from Indian and European funding agencies and government officials opened the event, with the aim of engaging and stimulating cooperation in identifying mutual priorities and challenges requiring further cooperation.

Speaking at the launch event, Dr João Cravinho, Ambassador of the European Union to India said: "The European Union is proud to support 10 European countries joining forces with Indian Council of Social Science Research to enhance networking and coordination in social sciences and humanities. This cross-cutting discipline is crucial for enhancing the socio-economic impact of research and for evidence-based policymaking."

Read more: [ESRC](#)

4.3.2 Visit of Commissioner Connie Hedegaard to India

On 11-12 September 2014, the outgoing EU Climate Commissioner Ms. Connie Hedegaard visited India to discuss climate cooperation between the grouping and India.

Hedegaard discussed preparations for the UN Climate Summit in New York and the ongoing UN climate negotiations in the run-up to the meeting in Paris next year with Indian Minister for Forest and Climate Change Mr. Prakash Javadekar. The Commissioner had good discussion on 'common but differentiated responsibility (CBDR)' in tackling climate change related issues. Mr. Javadekar also briefed her about various measures and initiatives that India has taken, stringent norms to deal with pollution from the cement industry, Energy Efficiency (EE) and Renewable Energy Source (RES) while developing.



Besides, she also met with R.K. Pachauri, director general of The Energy and Resources Institute (TERI) and former environment and forests minister Jairam Ramesh, chairman for Parliamentary Committee for Environment & Forest Ashwani Kumar and held talks with Indian think-tank and NGO representatives.

The new European Commission will take office on 1st November 2014, with a new Commissioner in charge of Climate Action & Energy.

Source: EU Delegation to India

4.3.3 New project project to support EU-India cooperation on ICT standardisation

The (EU External Affairs) Partnership Instrument Committee has on 23 September 2014 approved a project to support EU-India cooperation on ICT standardisation. This project is expected to be launched in January 2015, and will among others include cooperation with India's Telecom Centres of Excellence (Public Private Partnerships between Indian Institutes of Technology, telecom operators and government).

Source: EU Delegation to India

4.3.4 SESEI latest Newsletter-EUROPE (Issue 06) is on-line

The "October 2014 edition of Project SESEI NEWSLETTER – EUROPE I Issue 06" has been released. SESEI also has an India newsletter (see next under 4.3.5). As announced in our August issue, our readers will find references to both newsletter here too. These are released quarterly and at the same time except for the first issue which explains that the newsletters don't have the same number. Content of both newsletters are different:

- EUROPE Newsletter has all the NEWS updates from India
- INDIA Newsletter has all the NEWS updates from Europe

The newsletters provide latest news and updates on the priority sectors of the [SESEI project](#) (Seconded European Standardization Expert in India).

We hope that you will find it useful.

SESEI's Newsletter Europe reminds us that this quarter India has been at the epicenter of activities of growth, expansion, new developments and new friendships. India celebrated its 68th Independence day on 15th August 2014. The Prime Minister of India, Shri Narendra Modi, in his address gave a road map to the nation urging for the development of a skilled force for unleashing the entrepreneurial potential of the youth. Using the slogan, "[Make in India](#)", Mr. Modi invited the world to transform India into a manufacturing hub. His speech and its ambitious plan were conveyed to all nations and world's top 3,000 companies.

In early September the meeting between the governments of India and Japan generated unprecedented ties. It was decided to enhance cooperation in several strategic areas: five pacts were signed covering defense exchanges, cooperation in clean energy, transportation and on healthcare were also on the agenda. Similarly India and Australia signed a significant civil nuclear agreement which will allow Canberra to supply

SESEI's mission is to enhance the visibility of European standardization activities, increase the cooperation between Indian and European standardization bodies and support European companies facing standardization related issues hampering market access to India. The project also supports India in standardization related aspects of its integration in the WTO trading system, by identifying all potential opportunities for enhanced international cooperation and global harmonization of standards. Ultimately, the SESEI project aims at reducing the Technical Barriers to Trade (TBT) both between EU and India and globally, thus supporting European and Indian industries by facilitating international trade.





uranium to India. The two countries also discussed ways to enhance cooperation in key areas such as security and trade.

India also reached the headlines by achieving a great feat with the success of the Mars Orbiter Mission Mangalyaan entering the Mars orbit in its first attempt.

In this sixth edition of the “**Newsletter – Europe**” SESEI’s brings to you selected news of the Project SESEI priority sectors providing readers with the latest developments and activities for each of the sectors. For Indian Government Manufacturing and skill development are the key agenda items along with bringing FDI in all crucial [sectors](#) such as Automobile, Aviation, Chemical, Biotechnology, Construction, Textiles etc.. The Bureau of Indian Standards (BIS) is now working on a plan to make it mandatory for over 19,000 products to have recognized BIS labels.

Furthermore, the Indian Patent Office became the First Intellectual Property Office (IPO) in the World to Introduce Real Time Transparency.

Read newsletter: [SESEI](#)

4.3.5 SESEI latest Newsletter-INDIA (Issue 05) is on-line

As you are aware the second largest elections in the world (after the Indian general elections) were held from May 22 to 25 across the 28 Member States of the European Union for electing the Members of the European Parliament. The current election is the first since the Lisbon Treaty of 2009 enhanced the powers of the European Parliament. The Parliament plays important role in adopting EU laws on a wide range of areas. Its vast majority is adopted jointly by the European Parliament and the Council.

The fifth edition of the “**Newsletter – India**” brings you news about the European Union (EU) adopting a new set of rules for placing radio equipment on the European market, and putting them into service. The European Commission, the executive body of the EU, also adopted on July 2 a Communication [Green Action Plan \(GAP\) for SMEs: Enabling SMEs to turn environmental challenges into business opportunities](#).

In the Information and Communication Technologies (ICT) sector, ETSI (European Telecommunications Standards Institute) workshop on the Human side of technology: Human factors in ICT addressed the human side of ICT. In particular it identified opportunities to improve the accessibility of ICT products and services, through further standardization and cooperation with all parties who are working on improving human factors in the ICT area. In parallel, ETSI started work for developing European Standards for Cybersecurity. It has opened a new technical committee on Cybersecurity to address the growing demands for standards in this field. In July, ETSI hosted the 18th meeting of the Global Standards Collaboration (GSC). A senior-level gathering of the world’s leading ICT standards organizations. This 18th GSC meeting focused on three topics where standards play a major role in the development of technologies that bring benefits to consumers and businesses: critical communications, machine to machine communications and software defined networking.





Following the publication of the European Standard on 'Accessibility requirements suitable for public procurement of ICT products and services in Europe' (EN 301549:2014) CEN, CENELEC and ETSI have developed an Accessible ICT Procurement Toolkit.

A major milestone was achieved by the Partnership Project OneM2M with its initial Candidate Release of Technical Specifications now available for public comment. OneM2M is looking forward to receiving industry input on these foundation specifications for an M2M Service Layer which will enable scalable global deployment of M2M/IoT implementations.

For the first time, CEN and CENELEC have published a combined annual Work Programme that gives an overview of the most significant standardization activities to be carried out. The CEN and CENELEC Work Programme 2014 bring together information about ongoing and planned standardization activities across all of the sectors and topics in which the two organizations are working on.

The work activities of EU are being strengthened in India. After the creation in 2013 of the first physical European Technology Experience Centre (ETEC) in Bengaluru, ETEC is now expanding its physical centers across India. The first such center, ETEC@TCE in Madurai was launched on 24th July 2014.

Read newsletter: [SESEI](#)

5 Grants & Fellowships

5.1 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 portal:

[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.



5.2 European Research Council: Call for proposals for ERC Starting Grants



Deadline for application: 3 February 2015

The ERC Starting Grants are designed to support excellent Principal Investigators at the career stage at which they are starting their own independent research team or programme. This action is open to researchers of any nationality who intend to conduct their research activity in any Member State or Associated Country.

The ERC's frontier research grants operate on a 'bottom-up' basis without predetermined priorities. The call 'ERC-2015-STG' consists of one call with a single deadline applying to each of the three main research domains:

- Physical Sciences & Engineering (Panels: PE1 – PE10),
- Life Sciences (Panels: LS1 – LS9),
- Social Sciences & Humanities (Panels: SH1 – SH6).

Further information: [Participant Portal](#)

5.3 Horizon 2020 – Industrial Leadership



Deadline for application: between 4 February 2015 and 21 April 2015.

Verify exact date under each call.

Ten new calls have been launched between 15th and 22nd October 2014 under Industrial Leadership.

Topics covered:

- SPIRE - SUSTAINABLE PROCESS INDUSTRIES
- ENERGY-EFFICIENT BUILDINGS
- FACTORIES OF THE FUTURE
- NANOTECHNOLOGIES, ADVANCED MATERIALS AND PRODUCTION
- BIOTECHNOLOGY
- ICT 2015 - INFORMATION AND COMMUNICATIONS TECHNOLOGIES
- EU-BRAZIL RESEARCH AND DEVELOPMENT COOPERATION IN ADVANCED CYBER INFRASTRUCTURE

Further information: [Participant Portal](#)

5.4 CHIST-ERA Call 2014 - Two New Topics

Deadline: 13 January 2015

The "CHIST-ERA" ERA-Net is looking for transformative and highly multidisciplinary research projects in *Information and Communication Sciences and Technologies* (ICST). There are two topics addressed in the 2014 Call - Resilient Trustworthy Cyber-Physical Systems (RTCPS) and Human Language Understanding: Grounding Language Learning (HLU).



[Read the CHIST-ERA Call for proposals 2014](#)

5.5 Forthcoming calls under Horizon 2020

Revised Horizon 2020 Work Programme 2014-2015 has been adopted on 22 July 2014. [Read more](#) (check for documents ending with "v.2" under H2020/Work Programmes/2014-15/Main WP).

European Research Council (ERC)'s Work Programme 2015 has been published. [Read more](#).

Horizon 2020: Industrial Leadership 4 new calls to be published on 4th November 2014. Deadline for submission of proposals 8th April 2015. Further information: [Participant Portal](#)

Horizon 2020: Societal Challenges about 20 new calls to be published on 10th December 2014. Further information: [Participant Portal](#)

European Research Council: ERC CONSOLIDATOR GRANT

Publication foreseen on 13th November 2014

Further information: [Participant Portal](#)

Specific to India:

5.6 Indo-Norway: Call for proposals on environmentally friendly energy research by DST and RCN

Deadline for submission: 26 November 2014

Under the Agreement between the Government of India and the Government of Norway on Cooperation in the fields of science and technology, the Department of Science and Technology (DST) from Indian side and the Research Council of Norway (RCN) from Norwegian side coordinate the programme for joint funding of collaborative research projects in mutually agreed fields to achieve world-class scientific results.

Both sides now intend to support projects within the field of environmentally friendly energy research. Norwegian funding is part of the two RCN programmes INDNOR and ENERGIX. Up to 20 million NOK is available from these programmes for allocation to Norwegian institutions, and activity matching funding is available from DST for allocation to Indian Project investigators subject to max of Rs. 40 Lac per project for total duration of max 3 years.

DST and RCN invite Indian and Norwegian researchers/ institutions to submit research proposals within the fields indicated below.

Scientific part

The call is in the field of environmentally friendly energy research and the following topics are covered by the call:



- Renewable energy (hydropower, solar energy, wind energy, bioenergy,)
- Environmental concerns of renewable energy production
- Energy systems (including smart grids)

The call encompasses research activities within technology and natural sciences.

Read more: [DST](#)

From other countries of the European Research Area:

5.7 Austria: Lise Meitner Programme for scientists from abroad

Deadline: accepted continuously, no application deadlines

Target group

Highly qualified scientists of any discipline who could contribute to the scientific development of an Austrian research institution by working at it.

Goals

- Strengthening of the quality and the scientific know-how of the Austrian scientific community
- Creation of international contacts

Requirements

- completed doctoral studies international scientific publications
- no age limit
- invitation from an Austrian research institution etc.

Length

12 to 24 months (project extension is not possible)

Level

Dependent on the level of qualification personnel costs of 62.500 € (Postdoc) or 68.690 € (Senior Postdoc) per year plus 10,000 € for material, travel, assistance etc.

[Read more](#)

5.8 Croatia: The New International Fellowship Mobility Programme for Experienced Researchers in Croatia – NEWFELPRO

Deadline: 31 December 2014

The project is co-financed through the Marie Curie FP7-PEOPLE-2011-COFUND program. Its total value is 7 million euros, out of which 60% is financed from national sources. Project duration is from 2013 until 2017.



NEWFELPRO allows applicants to freely apply within any scientific area of their choice and fellows/grants are assigned only on the basis of excellence and quality of research projects. Host institution will be responsible for committing a stimulating environment and adequate infrastructure, equipment and consumables required to implement the project.

As a part of the NEWFELPRO project *83 fellowships in total* are available through the fellowship schemes (outgoing, incoming and reintegration scheme). NEWFELPRO is a fellowship project of the Government of the Republic of Croatia and the Ministry of Science, Education and Sport (MSES).

[Read more](#)

5.9 Germany: Humboldt Research Fellowship for Postdoctoral Researchers

Deadline: There is no closing date for submitting applications.

You may apply if you are a researcher from abroad with above average qualifications, at the beginning of your academic career and only completed your doctorate in the last four years. A Humboldt Research Fellowship for postdoctoral researchers allows you to carry out long-term research (6-24 months) in Germany. Applicants choose their own topic of research and their academic host.

Scientists and scholars of all nationalities and disciplines may apply to the Alexander von Humboldt Foundation directly at any time. The Humboldt Foundation grants approximately 500 Humboldt Research Fellowships for postdoctoral researchers and experienced researchers annually. Short-term study visits, participation in congresses and training courses cannot be financed.

[Read more](#)

5.10 Germany: Georg Forster Research Fellowship (HERMES) - Top opportunities for researchers from developing countries

Deadline: There is no closing date for submitting applications.

- if you are a researcher with above average qualifications in a developing or transition country (see list of countries),
- if you intend to carry out long-term research of your own choice (6 to 24 months) at a research institution in Germany together with an academic host you have chosen yourself,
- if your research outline includes aspects that are important for the continued development of your country or region of origin and
- if you want to contribute to the exchange of knowledge and methods between Germany and your country of origin.

[Read more](#)



5.11 Poland: Foundation for Polish Science – Ideas for Poland

Deadline: Applications accepted on a rolling basis

The objective of the program is to encourage young, brilliant researchers from all over the world to choose Poland as the place to carry out their research projects submitted for the ERC competition. The program is designed for people whose previous scientific record demonstrates they are highly independent as researchers and warrants they will conduct world-class quality research.

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

[Read more](#)

5.12 Turkey: TÜBİTAK – Research Fellowship Programme for International Researchers

Applications will be accepted **twice a year**. Application deadlines for 2014 are:

I. Period : 17 March 2014 - 21 April 2014

II. Period : 10 October 2014 - **12 November 2014**

The Scientific and Technological Research Council of Turkey (TÜBİTAK) grants fellowships for international highly qualified PhD students and young post-doctoral researchers to pursue their research in Turkey in the fields of Natural Sciences, Engineering and Technological Sciences, Medical Sciences, Agricultural Sciences, Social Sciences and Humanities. The program aims to promote Turkey's scientific and technological collaboration with countries of the prospective researchers. Preference will be given to candidates who demonstrate the potential to contribute significantly to Turkey's goal of international cooperation in scientific and technological development.

[Read more](#)

5.13 UK: Wellcome Trust- Investigator Awards

Applications are considered **three times a year** (February, July, November). Details of the next round:

Next full application closing date: **14 November 2014**

Shortlisting of candidates by Expert Review Group: January 2015

Shortlisted candidate interviews by Interview Panel: 30 March-1 April 2015

These awards build on our strategic goal of supporting the brightest researchers with the best ideas, and extend our successful fellowships funding model to researchers in established academic posts (those who have permanent, open-ended or long-term rolling contracts of employment salaried by their university or research institution). The awards provide support that is flexible and at a level and length appropriate to enable exceptional researchers to address the most important questions about health and disease.



New Investigator Awards

Support outstanding researchers who are no more than five years from appointment to their first academic position, but who can already show that they have the ability to innovate and drive advances in their field of study.

Senior Investigator Awards

Support exceptional, world-class researchers, who hold an established academic position and have a compelling vision for their research.

[Read more](#)

5.14 Calls still open *(see previous newsletters for more details)*



Horizon 2020 – First calls: Some of the 145 calls published in December 2013 are still open in the fields of Societal Challenges, Industrial Leadership and Science with and for Society.

Access all open calls on the [Horizon 2020 Participant Portal](#).

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

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

Excellent Science - European Research Council: [Call for proposals to promote the output of ERC-funded research amongst a wider audience](#)

Deadline for application: **16 December 2014**

Through this Call for proposals, the ERC wishes to support an ambitious series of communication actions to promote and raise awareness of ERC-funded projects and results across Europe to as wide an audience as possible, including scientists, students, media, policy-makers, the business community and the general public. The actions will go beyond traditional scientific conferences and take a novel and creative approach.



Excellent Science - Marie Skłodowska-Curie Action: [Innovative Training Networks \(ITN\)](#)

Deadline for application: **13 January 2015**

The Innovative Training Networks is an action under the Horizon 2020 activity, Marie Skłodowska-Curie actions. This scheme will extend the traditional academic research training setting and will provide researchers with a combination of research-related and transferable competences. It will offer enhanced career perspectives in both the academic and non-academic sectors through international, interdisciplinary and inter-sector mobility, combined with an innovation-oriented mind-set.



Excellent Science: three calls for proposals open to support [Research Infrastructure](#)

Deadline for application: **14 January 2015**



Seven calls under [Industrial Leadership](#):

Deadline for submission: **between 14 November 2014 and 14 October 2015 (next year)**. Verify exact date under each call.

Topics covered:

- ICT 2014 - INFORMATION AND COMMUNICATIONS TECHNOLOGIES
- HORIZON 2020 DEDICATED SME INSTRUMENT
- CALL FOR SPIRE - SUSTAINABLE PROCESS INDUSTRIES
- CALL FOR ENERGY-EFFICIENT BUILDINGS
- CALL FOR FACTORIES OF THE FUTURE
- CAPITALISING THE FULL POTENTIAL OF ON-LINE COLLABORATION



Eleven calls under [Societal Challenges](#):

Deadline for submission: **between 12 November 2014 and 11 June 2015 (next year)**. Verify exact date under each call.

Topics covered:

- DIABETES
- INNOVATIVE, SUSTAINABLE AND INCLUSIVE BIOECONOMY
- SUSTAINABLE FOOD SECURITY
- BLUE GROWTH: UNLOCKING THE POTENTIAL OF SEAS AND OCEANS
- ENERGY EFFICIENCY - PPP EEB AND SPIRE TOPICS
- HEALTH CO-ORDINATION ACTIVITIES
- PERSONALISING HEALTH AND CARE

Spreading excellence and widening participation - [Call for Twinning \(H2020-TWINN-2015\)](#)

Deadline: **12 December 2014**

Other calls:

WWWforEurope Best Paper Award: [Call for papers](#)

Submission deadline: **16 November 2014**

The 2nd WWWforEurope Best Paper Award will be granted for research dealing with important, yet so far under-researched topics related to various economic and social consequences of a low-growth development path for Europe

India specific calls:

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

Deadline: **no deadline applicable**.

India-Israel [Initiative for Industrial R&D \(i4RD\) Programme](#)

Dates applicable to Indian & Israeli applicants:

Submission Date of i4RD Joint Application Form: **December 19, 2014**

Release of Request for Proposal Results: June 2015 (tentative)

Additional dates for Israeli applicants:



Notification of Approval for Phase II Application (Israeli Companies only):
January 15, 2015
Phase II Application Submission Deadline (Israeli Companies only):
February 15, 2015

Calls by European Research Area countries:

BELGIUM: [“MOVE-IN Louvain” Incoming post-doc Fellowships](#)

Deadline for 1st call for proposals: **1 January 2015**

“MOVE-IN Louvain” Incoming post-doc Fellowships is a new transnational fellowship programme developed by the Université catholique de Louvain (UCL) in partnership with the Université de Namur (UNamur) and the Université Saint-Louis (ULS-B) with the support of the European Commission (Marie Curie actions).

The programme will last 5 years, issuing 3 calls for proposals. Depending on the duration of the stay of the candidates retained for funding, about 53 fellowships will be granted per call.

LUXEMBOURG: [ATTRACT Call 2015](#)

Deadline: **12 January 2015**

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

Deadline for application: **different deadlines**

SWEDEN: [Second call within the program Forest raw materials and biomass: Sustainable primary production](#) by Formas

Deadline: **11 February 2015**

SWEDEN: [Targeted call - Sustainable building and planning](#) by Formas

Deadline: **19 February 2015**



Horizon 2020: Call of expression of interest for experts

Additional details can be found in the [Participant Portal](#). We encourage you to check it and register as an expert. The call for expression of interest will remain open for the lifetime of Horizon 2020.



6 Jobs

6.1 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!

Currently, there are 5628 research jobs and fellowship programmes (all over Europe but also in other countries such as in India and in all disciplines) accessible via the EURAXESS Jobs database.

Example of latest positions open for Indian participants:

Indian Institute of Science (Bangalore): [Director, Centre for Brain Research](#)

Deadline: 31 December 2014

IIS seeks a distinguished neuroscientist to serve as Director of the newly established Centre for Brain Research (an autonomous centre of the Indian Institute of Science).

The Centre for Brain Research is dedicated to finding early diagnosis and rational therapies for neurodegenerative diseases through better understanding of brain function. In order to achieve these goals, the centre will carry out clinical and basic research in human populations and model systems. The centre will have around 15 research groups.

Manipal University: [Assistant Lecturer - German Language](#)

Deadline: 20 November 2014

6 months term (extendible)

Starting from February 2015

As German language teacher, you will deliver two level lessons (A1 and A2) within the framework of certificate language courses in accordance with the Common European Framework of Reference for Language Learning and Teaching (CEFR).

Manipal University is a knowledge powerhouse and a brand name in higher education. Today, it has 24 constituent institutions comprising medical, dental, engineering, architecture, nursing, allied health, pharmacy, management, communication, information science, hotel management, biotechnology, regenerative medicine, humanities and social sciences. The university offers certificate courses, Bachelors', Masters' and Doctoral degrees in various specialties.

6.2 Join us on LinkedIn: 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 window (i.e. for outside Europe).

The global EURAXESS LinkedIn group is complementary to the country based EURAXESS Links India community.

Example of recent employment or fellowship opportunity published on EURAXESS Links-Internationally Mobile Researchers is provided below. For further information click on the position:



[Andalucía Talent Hub Fellowship for experienced researchers](#)

Deadline: 14 March 2015 (open)

The programme offers two-year fixed term contracts to 50 experienced researchers, in excellent conditions, in prestigious research institutions and connected to the powerful network of the Campuses of International Excellence based in Andalusia (Spain).

[Swiss Government Excellence Scholarships for the academic year 2015-2016](#)

Deadline for India citizen: 12 November 2014

Deadline for ERA countries citizens: it depends on the country.

The Swiss government awards various postgraduate scholarships to foreign scholars and researchers. The offer of Fine Arts Scholarships, Research Scholarships, Postdoctoral Scholarships for the academic year 2015-2016 is online, and the deadline for applications varies from one country to another (choose from a drop-down menu on the webpage)!

Oslo (Norway): 2 Associate professorships in English for Academic Purposes (EAP)

English for Academic Purposes (EAP) is a relatively new field in Norway. The Oslo and Akershus University College of Applied Sciences (HiOA) is extending its current EAP program, established in 2007, with two associate professorships.

Tasks and responsibilities

The unit is organized within the Learning Centre and Library. The EAP-unit is in line with the current university college strategy of promoting, enabling and expanding research activity amongst its staff and students, as well as functioning as a center of expertise in multicultural teaching and learning situations in higher education. Some of the responsibilities include:

- teaching at doctoral, postgraduate and some undergraduate level
- arrange external EAP courses according to demand
- holding workshops and seminars for academic staff in our own and other institutions of higher education
- academic writing for students working within the wide portfolio of international Masters' program

Qualifications

Advanced EAP expertise required



PhD in a discipline relevant to EAP, for instance applied linguistics, applied sciences, cultural studies or pedagogy.

For further information about the position, please contact: Director of Learning Centre and Library Lars Egeland Phone: +47 67 23 51 10 or +47 901 94 838

6.3 India: Jobs at DevNetJobsIndia

At the time of writing this issue, DevNetJobsIndia offers positions in research and innovation. Best is to check it up in the beginning of the month when new positions are advertised.

7 Events

Event (click for more details)	Location	Date
7.1 Europe		
Seventh International Conference of Education, Research and Innovation	Seville, Spain	17–19 November 2014
EC Conference Transport Safety: Societal Challenges, Research Solutions.	Genoa (Italy)	4-5 December 2014
7.2 India		
EU-INDIA STI Cooperation Days (Theme: Energy) (EURAXESS Links India will be there)	Chennai	12-13 November 2014
Confederation of Indian Industry's KNoWLEDGeXPO (EURAXESS Links India will be there)	Noida, Delhi NCR	20-22 November 2014
Commonwealth Science Conference	Bangalore	25-28 November 2014
European Higher Education Fair India 2014 (EHEF) (EURAXESS Links India will be there)	New Delhi	30/11-1/12 2014
European Higher Education Fair India 2014 (EHEF)	Bengaluru	3 December 2014
European Higher Education Fair India 2014 (EHEF) (EURAXESS Links India will be there)	Kolkata	5 December 2014
Energy Storage India 2014 (ESI 2014) by India Energy Storage Alliance (IESA). EBTC is key partner to ESI 2014 Theme: 'Re-Imagining India's Energy Infrastructure'	New Delhi	4-5 December 2014 (3/12 Pre-conference)
EURAXESS Information Session at Bharati Vidyapeeth University	Pune	17 December 2014
Health Care Ventures Visit to India by India Platform	Delhi and Bangalore	13-21 December 2014



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 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).

