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EURAXESS LINKS ASEAN

Dear Colleagues,

It is our pleasure to present to you the 57th edition of the EURAXESS Links ASEAN e-newsletter.

In this month's **EU Insight section** we focus on the UNESCO Science Report assessing the state of the European Union concerning investment in science, technology and innovation.

In our **EURAXESS Members in Focus** series we introduce you to EURAXESS member **Sweden**, a global leader in R&D and a strong research partner to the countries of ASEAN.

Our **News, Grants and Fellowships** sections contain our latest round-up of the most important developments and opportunities.

We hope you enjoy reading our newsletter, and welcome your feedback.

Wishing you a great month ahead!

Your EURAXESS Links ASEAN team



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EURAXESS Links ASEAN Newsletter is a monthly electronic newsletter, edited by EURAXESS Links ASEAN, which provides information of specific interest to European researchers in ASEAN and international researchers 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 Delegations of the European Union.

Please email to asean@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.

Editors: Dr Susanne RENTZOW-VASU and Simon GRIMLEY, EURAXESS Links ASEAN, Regional Representatives



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1 EU Insight: The European Union and the UNESCO Science Report, Towards 2030

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

The report

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

The EU in the Report

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

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



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

Sources:

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

Unesco Science Report: towards 2030. United Nations Educational, Scientific
and Cultural Organization, (2015);

<http://unesdoc.unesco.org/images/0023/002354/235407e.pdf>. Accessed 22
November 2015.



EURAXESS Members in
Focus: Sweden

2 EURAXESS Members in Focus: Sweden – Inventing Tomorrow's World

EURAXESS – Researchers in Motion is an initiative of the European Research Area (ERA) that addresses barriers to the mobility of researchers and seeks to enhance their career development. This pan-European effort is currently supported by 40 countries, of which we will profile one in our monthly EURAXESS Links ASEAN e-newsletter. This month, we focus on Sweden.



Simon Paulin/imagebank.sweden.se



Photo:
Ola Ericson imagebank.sweden.se

The Nobel Prizes were a bequest from the Swedish scientist, inventor, entrepreneur and pacifist Alfred Nobel, to honour those who “have conferred the greatest benefit on mankind”.

Many of the world's important inventions originate in Sweden, and the rapid pace of innovation shows no sign of slowing down. The Swedish government continues to invest more than ever in research and innovation. Sweden's history of recognising and rewarding achievement in research, excellence and innovation is reflected in its status as the home of the Nobel Prize: Sweden itself has produced twenty-nine Nobel Laureates since establishing the prize in 1895.

Sweden's science infrastructure is world-class and the synergies generated by the close connection between Swedish universities, research institutes and the private sector further leverage the R&D output. Not only is Sweden home to the largest number of multinational companies per capita, but it also serves as a base for tomorrow's emerging industries. The Global Innovation Index 2014 (GII) ranks Sweden as the 3rd most innovative country in the world.

- The historic tradition of inventors, a commitment to gender equality, and a strong belief in the individual are key factors for Sweden maintaining its place as one of the world leaders in research and innovation
- Close collaboration between research institutes and the private and public sectors provides a foundation for global Swedish companies and investing in the companies of tomorrow



Photo: Lars Lundberg /
imagebank.sweden.se

The cardiac pacemaker has been implanted in more than 3.5 million people. The first clinical implantation into a human of a fully implantable pacemaker was in 1958 at the Karolinska Institute in Solna, Sweden.

- Swedish R&D-expenditure totals about 3.5% of GDP on average, keeping Sweden top-ranked among the OECD countries. Medicine and bioscience, technology, and climate are examples of areas where Sweden has made strategic investments to build up the cutting edge research of today
- Sweden offers over fifty universities and university-colleges
- A Swedish national innovation strategy was launched in 2012 to further enhance the Swedish innovation climate and innovation capacity, with year 2020 in sight

7 Reasons to choose Sweden for your research experience

1. An innovative and competitive economy
2. Sweden has a long and proud history of academic excellence, with outstanding universities dating back to the 15th century
3. Excellent research infrastructure with continuous investments in cutting edge facilities, including Science for Life Laboratory (SciLifeLab) and the MAX IV Laboratory
4. Higher education and research quality is among the best in the world
5. Open and international climate where influences and competences come together, creating new ideas and solutions
6. Swedish society is known for its inclusiveness and egalitarianism
7. Close cooperation between industry and academia facilitates innovation, a home of trendsetters and early adopters, encouraging new ideas and critical thinking

For more information and enquiries

EURAXESS Sweden: <http://www.euraxess.se/>

The Swedish Research Council: www.vr.se

Vinnova: www.vinnova.se

Formas: www.formas.se

Forte: www.forte.se

Sweden.se - The official gateway to Sweden: www.sweden.se/eng/

Nationwide Swedish research website: www.forskning.se

The Swedish Foundation for Strategic Research: www.stratresearch.se/en/

The Swedish Agency for Economic and Regional Growth:
www.growthanalysis.se/en/

Official website of the Nobel Foundation: www.nobelprize.org/

The Swedish Space Corporation: www.ssc.se



2.1 Research-funding in Sweden

Government investment and other public investment in research and development totalled about SEK 40 billion (43 billion EUR) in 2014.

Central government is the largest financier of research at higher education institutions. The most important central government financiers outside the direct state contributions for research and postgraduate education to higher education institutions are the research councils, the Swedish Agency for Innovation Systems and other research-funding agencies. Funding for research also comes from research foundations, the EU, municipalities and county councils. Industry invests more than three times as much as central government in research and development. However, almost all of the R&D investment that comes from industry remains within the business sector.

Research-funding agencies

There are four major research-funding agencies. The largest is the Swedish Research Council, which in 2014 shared out about SEK 5,5 billion to basic research in natural sciences, technology, medicine, the humanities and social sciences.

The Swedish Research Council for Environment, Agricultural Sciences and Spatial Planning (Formas) supports basic and needs-driven research in the fields of environment, land-based industries and spatial planning. In 2014, Formas distributed about SEK 1.12 billion.

Swedish Research Council for Health, Working Life and Welfare (Forte) distributed SEK 512 million in 2014 and supports and initiates basic and needs-driven research in the fields of the labour market, work organisation, work and health, public health, welfare, the social services and social relations.

The Swedish Governmental Agency for Innovation Systems (VINNOVA) distributed about SEK 2.4 billion in 2014, primarily to needs-driven research in the fields of technology, transport, communications and working life.

In addition to the agencies mentioned above, several other agencies finance research funding in various areas. In these cases it is common for a lesser amount of the agency's appropriation to go to research funding.

Research foundations

A number of foundations that fund research were established in the mid-1990s using capital from the former wage earner investment funds. These foundations are the Swedish Foundation for Strategic Research (SSF), the Foundation for Strategic Environmental Research (MISTRA), the Knowledge Foundation (KK), the Foundation for Baltic and East European Studies, the Swedish Foundation for Health Care Sciences and Allergy Research (Vårdal) and the Swedish Foundation for International Cooperation in Research and Higher Education (STINT).

Support from public research foundations is an important addition to central government investments in research. It is estimated that these foundations will have invested some SEK 1.1 billion in research in 2014.



The Bank of Sweden Tercentenary Foundation (RJ) is yet another foundation which was created with public funding and which supports research in Humanities and Social Sciences.

Private research funders

Many private financiers also give significant amounts to research. These include the Knut and Alice Wallenberg Foundation, which in 2013 distributed SEK 1.4 billion. Over the last five years, almost SEK 4 billion has been awarded to scientific research and education at higher education institutions and academies. In addition, the Swedish Cancer Society distributed SEK 392 million in 2013 for research in its field.

Income received by higher education institutions for research and postgraduate studies

The revenue received by other higher education institutions for research and postgraduate education totalled almost SEK 29.7 billion in 2011. This is an increase of around SEK 2.3 billion, or 8.5 per cent, in fixed prices compared with Statistics Sweden's (SCB) analysis of the revenues of 2009. Revenues have never previously increased by so much. Both direct government appropriations and higher education institution revenues from external financiers have increased. Public funding accounted for over 80 per cent of these revenues.

Just under half of the total funds come from direct appropriations for research and postgraduate studies at higher education institutions. Remaining funds come from external financiers, both public and private.

Text: Government Offices of Sweden



2.2 Excellence Seminar furthers collaborations between academics in Singapore and Sweden

Ageing, materials and graphene, education challenges and urban planning were in focus when around forty Swedish top researchers and high-level university delegations visited Singapore 2-5 November to meet Singaporean colleagues during the Singapore-Sweden Excellence Seminar.



The objective of the seminar was to increase the knowledge about Swedish research in Singapore and to facilitate meetings between top researchers from the two countries in order to build new opportunities for collaborations within four research areas: ageing, materials and graphene, education and urban planning.

Opening session



Peter Gudmundson, President, KTH, and Astrid Söderbergh Widding, Vice-Chancellor, Stockholm University

The Opening Session included presentations which gave the participants an enhanced understanding of the higher education system in the two countries and was inaugurated by the Presidents of KTH Royal Institute of Technology and Stockholm University. Both welcomed the participants by emphasising the importance of collaboration: "By joining forces, we are able to address some of



the profound challenges and critical needs facing humanity. Through a recurring collaboration and exchange of knowledge and ideas between researchers, we are finding solutions and results”.

Funding opportunities



The first day programme also included presentations about funding possibilities from NRF and A*star in Singapore, from Formas, Vinnova and STINT in Sweden, and EU-funding. Håkan Jevrell, Ambassador of Sweden to Singapore, talked about bilateral collaborations, and KTH-professor Christer Fuglesang, Sweden's first and only astronaut, about bringing space experience to a university. Patrik Hadenius, Editor in Chief and CEO of science magazine *Forskning & Framsteg*, also gave a presentation about why it is important to inform the public about science and scientific progress.

Interdisciplinary round table discussions



The ageing session attracted more than 500 participants.



The second day workshops were hosted by the collaborating institutions in Singapore. In total, four sessions of interdisciplinary round table discussions were held at Singapore's top universities and higher education institutions National University of Singapore, Nanyang Technological University, National Institute of Education and Singapore Management University. The Ageing seminar, which was held at as an open lecture, attracted around 500 participants.

Participation of top researchers

The university delegations included top researchers from the six participating universities Lund University, Linköping University, Uppsala University, Stockholm University, Chalmers University of Technology and KTH Royal Institute of Technology, as well as University Presidents and Pro Vice-Chancellors who met their counterparts at a session where experiences in higher education management were shared.

Starting point for new collaborations

The Excellence Seminar, which was a great success and hopefully a starting point for new collaborations between researchers from the two countries, was organised in cooperation with the Embassy of Sweden in Singapore, who held a reception for the Swedish delegations, the Centre for Advanced 2D Materials, Department of Surgery, National University of Singapore, Nanyang Technological University, National Institute of Education, Singapore Management University. The last day of the visit in Singapore, Nobel Media invited the delegations to participate at their major event the "Nobel Prize Series" on "[The Future of Learning](#)", which among others included five Nobel Prize Laureates.

Swedish Academic Collaboration Forum

The Excellence Seminar was the second seminar in a series of six within the Swedish Academic Collaboration Forum, where Swedish universities participate with counterparts in five foreign countries to develop research exchange relations during 2014-2016. In addition to the seminars previously held in the Republic of Korea and now in Singapore, seminars will be held in Brazil, China, Indonesia, with a final meeting in Stockholm, Sweden.

The project is funded by The Swedish Foundation for International Cooperation in Research and Higher Education (STINT).



3 News & Developments

3.1 EU, Member States and Associated Countries

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

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

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

3.1.2 Commission to open Global Earth observation data

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

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

3.1.3 ERC grantees meet business angels

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

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

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

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



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





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

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

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

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

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

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

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

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

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

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

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

3.1.7 Preserving data privacy while enabling research

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

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





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

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



3.2 ASEAN

3.2.1 Two A*STAR Scientists Win The 2015 EMBO Young Investigator Award

Two A*STAR scientists have joined 21 other scientists as EMBO Young Investigators, becoming part of an international network that represents some of the best young researchers in Europe and beyond. They are: Dr Khor Chiea Chuen, Group Leader at the Genome Institute of Singapore (GIS), and Dr Nicolas Plachta, Senior Principal Investigator at the Institute of Molecular and Cell Biology (IMCB), who have been recognised as 2015 EMBO Young Investigators.

The two are amongst only five scientists outside of Europe and its neighbouring countries to be selected for the Young Investigator Programme since its launch in 2000. In fact, of the five Young Investigators, four have come from A*STAR and Singapore.

The EMBO Young Investigator Programme recognises young, promising researchers who are under the age of 40 and who have established their first laboratories in Europe or the EMBO cooperation partner countries in the past four years. Singapore has been an EMBO cooperation partner since 2011 and has recently become the first Associate Member State of the European Molecular Biology Conference (EMBC). The agreement will facilitate stronger scientific interaction and collaborative research between Singapore and Europe.

Source: [Bloomberg](#)

3.2.2 Singapore's National University launches S\$25 million research programme in synthetic biology

The National University of Singapore (NUS) announced the launch of the NUS Synthetic Biology for Clinical and Technological Innovation ([SynCTI](#)), to develop the research capabilities in the field of synthetic biology in Singapore. With a funding of S\$25 million, this programme aims to develop novel biological systems for clinical and industrial applications; and train 30 post-graduate and undergraduate students each year and more than 90 synthetic biologists over the next three years. Seven laboratories with state-of-the-art equipment and facilities contribute to SynCTI's research.

Source: [NUS](#)



3.2.3 A*STAR and NUS launch joint imaging centre to further translational clinic research

Singapore's newest national platform for research imaging, the Clinical Imaging Research Centre (CIRC), has officially been launched today, paving the way for further studies on the impact of new therapies in key disease areas such as tuberculosis, dementia and diabetes. The Centre will consolidate powerful clinical imaging research capabilities and resources into a comprehensive national platform, to catalyse world-class translational and clinical research and benefit patients. The Centre is a joint venture between the Agency for Science, Technology and Research (A*STAR), and the National University of Singapore (NUS).

Source: [A*STAR](#)

3.2.4 Vietnamese scientists honoured with L'Oreal Women in Science Award

The winners of the national awards included Dr. Ho Pham Thuc Lan, a lecturer from the Ho Chi Minh City-based Pham Ngoc Thach University of Medicine; Dr. Pham Thi Kim Trang, deputy director of the Centre for Environmental Technology and Sustainable Development (CETASD) under the Hanoi University of Science; and Associate Professor Dr. Nguyen Lan Huong, researcher from the Water Resources University in Hanoi.

Source: [Vietnam Net](#)



4 Grants & Fellowships

4.1 H2020: 2016 calls announced

To find out more about EU funding opportunities for your research or innovation project, and about the 2016 Calls, please visit the [European Commission's Participant Portal](#) where all calls will be published.

International researchers are also invited to join the [database of independent experts for European research and innovation](#). Distinguished specialists are strongly encouraged to join the database of independent experts, through which they can participate in the evaluation of project proposals and monitoring of actions, submitted under Horizon 2020.

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

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

4.3 EMBO Short-Term Fellowships Open to Researchers in ASEAN. Three-month research visits to labs in Europe.

EMBO Short-Term Fellowships fund research visits of up to three months to laboratories in Europe and elsewhere in the world. The aim is to facilitate valuable collaborations with research groups applying techniques that are unavailable in the applicant's laboratory.

Applications are accepted throughout the year.

More information [here](#).





4.4 EMBO Courses and Workshops



EMBO offers the largest number of life science events in Europe. EMBO Courses & Workshops funds approximately 80 events attracting more than 8,000 participants every year. Funding is available for [Global Exchange Lecture Courses](#) and [practical courses](#), as well as for [keynote lectures](#). [Travel grants](#) support the attendance of participants from countries with less-developed scientific infrastructures. EMBO assists the organiser with the design of a poster, set-up of a website and registration system, and with promotion of the event.

Further [details](#).

4.5 ERC Consolidator Grants – Call Open until 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 States or Associated Countries
- Funding per grant: up to € 2 million
- Duration: up to 5 years
- Sole evaluation criterion: scientific excellence of researcher and research proposal

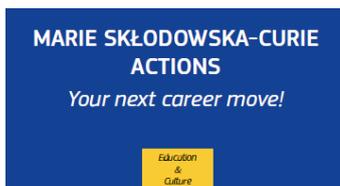
The call for proposals will close on 2 February 2016.

Further information: [Participant Portal](#) and [ERC website](#)

4.6 MSCA RISE – Call Opening on 8 December 2015

Research and Innovation Staff Exchange (RISE) funds short-term exchanges for staff to develop careers combining scientific excellence with exposure to other countries and sectors. RISE enables more interaction between academia and non-academic organisations within Europe and worldwide.

RISE aims at international and inter-sector collaboration through promoting research and innovation exchanges of staff. RISE will support short-term





mobility of research and innovation staff at all career levels, from the most junior (post-graduate) to the most senior (management), including administrative and technical staff.

RISE is open to partnerships of universities, research institutions, and non-academic organisations both within and beyond Europe. Universities, research institutes can apply, not individuals. ASEAN universities, research institutes, and companies are eligible.

The funding covers secondments of staff members from one month to one year as well as funding to support research, training and networking activities. Funding for a RISE project can last up to four years.

Any research field may qualify for RISE funding, apart from areas covered by the EURATOM Treaty.

The RISE-2016 call for proposals will open on 8 December 2015 with a deadline of 28 April 2016.

Further information: [Participant Portal](#) and [MSCA website](#)

4.7 GERMANY: DLR-DAAD Research Fellowships

„DLR-DAAD Research Fellowships“ is a programme implemented by the 'German Aerospace Center' (DLR) and the 'German Academic Exchange Service' (DAAD). DLR is Germany's national research center for aeronautics and space. Its extensive research and development work in Aeronautics, Space, Transportation and Energy is integrated into national and international cooperative ventures.

Who can apply?

This special programme is intended for highly-qualified foreign doctoral and postdoctoral students as well as senior scientists. DLR-DAAD Fellowships are defined and awarded on an individual basis. Each fellowship announcement will indicate the specific qualification requirements and terms of visit.

Details and current offers [here](#).

4.8 GERMANY - George Forster Research Award - Open to ASEAN scientists

The Georg Forster Research Award is granted in recognition of a researcher's entire achievements to date to academics of all disciplines whose fundamental discoveries, new theories, or insights have had a significant impact on their own discipline and beyond and who are expected to continue developing research-based solutions to the specific challenges facing transition and developing countries.

Nominees must be nationals of a developing or transition country (excluding People's Republic of China and India; cf. [detailed list of countries](#)). Furthermore,



at the time of nomination, they must have had their main residence and place of work in one of these countries for at least five years.

The deadline for nominations is **15 January** of each year; the selection meeting is scheduled for summer. The Alexander von Humboldt Foundation particularly encourages the nomination of qualified female researchers.

More information [here](#).

4.9 UK-THAILAND: Newton Fund



The Newton Fund is a £375 million fund over the period of 5 years, launched in 2014 by the UK Government through which the UK will share its knowledge of research and innovation to promote the economic development and social welfare of partner countries. Newton Fund is part of the UK's official development assistance programme. British Council Thailand is one of the delivery partners of Newton Fund. Our partners in Thailand include The Institute for the Promotion of Teaching Science and Technology (IPST), The National Science Technology and Innovation Policy Office (STI), The Office of the Higher Education Commission (OHEC), and The Thailand Research Fund (TRF).

Open call for participants to the Researcher Links workshop

Early Career Researchers from the UK and Thailand are invited to apply to attend Researcher Links workshop.

Details [here](#).

Open call for UK participants under the Innovative and Sustainable Competitiveness in Food & Drinks Technology

We are formally opening a call for a British scientific and technological research delegation aiming to create research links between the UK and Thailand via a food innovation partnership under the Newton Fund programme. The workshop will be held from 8-12 February 2016, Bangkok Thailand

Deadline: 30 December 2015

Details [here](#).

4.10 SPAIN: Spain programme of international cooperation on industrial research and development with Indonesia, Malaysia, Thailand and Singapore





The spirit of the Program is to promote co-operation between international companies by means of funding support for industry-driven and close to market R&D projects between Spain and third countries (Indonesia, Malaysia, Thailand and Singapore). The objective is to achieve an effective technological cooperation.

Selection Criteria:

- The project should be innovative aiming to lead to a new or substantial improvement of a product, process or service with clear commercial potential
- The project must have equivalence of effort of R&D activities and resources both in third country and in Spain.
- Duration of projects will be from 1 to a maximum of 3 years.
- The application will be strengthened by the participation of academic and institutional researchers as a component of the R&D project
- Minimum Eligibility Criteria: one qualified partner from each country (1 Spanish Company + 1 foreign Entity). Foreign entities could include companies, research centers, academic institutions and other R&D-performing organizations.

Further information can be obtained from the representative offices. Please see below for details.

Indonesia Office
Economic & Commercial Office, Embassy of Spain
Jalan Haji Agus Salim, 61
4th floor 10350 Jakarta
Indonesia@cdti.es

Thailand Office
Economic & Commercial Office, Embassy of Spain
159 Serm-mit Tower, 26th Floor
Sukhumvit Road Soi 21, Wattana 10110 Bangkok
Tailandia@cdti.es

Malaysia Office
Economic & Commercial Office, Embassy of Spain
20Th, Menara Boustead
69 Jalan Raja Chulan 50200 P.O box 1185610350
Malasia@cdti.es

Singapore Office
Economic & Commercial Office, Embassy of Spain
7 Temasek blvd, #19-03, Suntec Tower One
038987 Singapore
Singapore@cdti.es

4.11 TURKEY: TÜBİTAK Fellowships for Visiting Scientists

The Scientific and Technological Research Council of Turkey (TÜBİTAK) grants fellowships for international scientists/researchers who would like to give





workshops/conferences/lectures, or conduct R&D activities in Turkey. Three types of visits are granted within this programme: Short-term (up to 1 month), Long-term (up to 12 months) and Sabbatical Leave (from 3 months to 12 months). All types of grants cover monthly stipend and travel costs.

Applications accepted on a rolling basis

Further information: [here](#).



5 Jobs

There are currently **7257** research jobs and fellowship programmes (all over Europe and partner countries and in all disciplines) accessible via the [EURAXESS Jobs database](#)



AUSTRIA (Vienna): University of Vienna (UNIVIE) is inviting applications for a 36 month fixed term position (1 April 2016 until 31 March 2019) as an Early Stage Researcher (ESR) to participate in the multidisciplinary Marie Skłodowska Curie Action 'FlowerPower', a European Industrial Doctorates (EID) training network. This is a collaborative project between researchers from Horticulture, Chemistry, Biochemistry, Molecular Biology and Bioinformatics.

Details

CZECH REPUBLIC (Brno): Postdoc position in the Group of Functional Genomics and Proteomics of Plants at the Czech-Biolmaging project, a Czech part of the pan-European Euro-Biolmaging initiative.

Details

FINLAND (Espoo): Nanomicroscopy Centre in Aalto University, which is a part of the OtaNano infrastructure (<http://otanano.aalto.fi/>), invites applications for a Staff or Senior Scientist position in cryo-electron microscopy. We seek candidates with a strong experience in cryo-electron microscopy and tomography techniques.

Details

UNITED KINGDOM (London): The Department of Developmental Neurobiology at King's College London is seeking to recruit junior tenure-track group leaders to establish their own independent research groups and contribute to the overall goals of the Department.

Details

Examples of [Jobs supported by Marie Curie Actions Research Fellowships](#)

PhD position in Visual Neuroscience at Tübingen University in Germany.

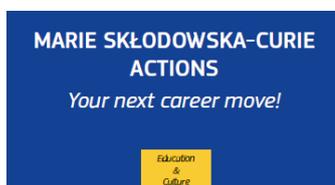
[Details](#)

PhD position in Physics at Politecnico di Milano in Italy.

[Details](#)

Industrial PhD position in Germany at Leibniz Institute of Catalysis

[Details](#)





6 Events

6.1 3rd EURAXESS Science Slam Winner ASEAN Chosen

Vietnamese researcher Tran Thi Ngoc Diep has won the 3rd EURAXESS Science Slam ASEAN 2015. The young researcher in applied linguistics at Hanoi University won a unique networking trip to Europe to meet with European experts in her field of research. Two promising research talents of Singapore's National University of Singapore and Thailand's King Mongkut's University of Technology Thonburi came in second and third place.

On 3 November 2015, an all female cast of five highly-talented researchers from across ASEAN competed in the EURAXESS Science Slam 2015 in Bangkok, Thailand. The five finalists had been selected in national qualifying events that took place in Indonesia, Malaysia, Singapore, Thailand and Vietnam.



From left to right:

Umphan Ngoensawat (King Mongkut's University of Technology Thonburi, Thailand)

Fatma Gözde Çilingir (National University of Singapore, Singapore)

Tran Thi Ngoc Diep (Hanoi University, Vietnam)

Saraswathy Shamini Gunasekaran (Universiti Tenaga Nasional (UNITEN), Malaysia)

Sumarheni, S.Si., M.Sc., Apt. (Faculty of Pharmacy, Hasanuddin University, Makassar, Indonesia)

During the live event the five finalists were given just ten minutes to convince the audience and panel of judges of their science communication skills. Tran Thi Ngoc Diep, a lecturer at Hanoi University convinced with an engaging presentation on her research topic applied linguistics. This has been the first time that a social scientist has been crowned winner of the EURAXESS Science Slam ASEAN.





Says Ms Tran "Joining and winning EURAXESS Science Slam 2015 is definitely my best experience of the year. The moment when I was announced the next winner of the competition was like a "lava" moment to me. EURAXESS Science Slam is a unique forum where you can find science (in all disciplines) interesting, amusing and fun. It brings out the painter, the singer, the actor, the musician.... in the seemingly academic and boring people like us. All in all, a fantastic opportunity to meet great minds and have fun with science."

First runner-up was Ms Fatma Gözde Çilingir, a PhD student with the National University of Singapore working in the field of nature conservation. Thai researcher Umphan Ngoensawat, a doctoral candidate at King Mongkut's University of Technology Thonburi, came in third place.

The new champion, Ms Tran, will join the winners of the EURAXESS Science Slams Brazil, China, India, Japan and North America on a unique networking trip to Europe. There they will get the opportunity to visit a research lab of their choice anywhere in the [European Research Area](#).

The EURAXESS Science Slam ASEAN 2015 was organised in collaboration with the Indonesian Ministry of Science and Technology (RISTEKDIKTI); the Ministry of Science, Technology and Innovation Malaysia (MOSTI); the National Centre for Scientific and Technological Information Vietnam (NASATI); the National Science and Technology Development Agency Thailand (NSTDA); and the Graduate Students' Society at the National University of Singapore (NUSGSS).

"Joining and winning EURAXESS Science Slam 2015 is definitely my best experience of the year. The moment when I was announced the next winner of the competition was like a "lava" moment to me. EURAXESS Science Slam is a unique forum where you can find science (in all disciplines) interesting, amusing and fun. It brings out the painter, the singer, the actor, the musician.... in the seemingly academic and boring people like us. All in all, a fantastic opportunity to meet great minds and have fun with science."

Diep, winner of EURAXESS Science Slam ASEAN 2015



6.2 ESOF 2016, Manchester, UK, 23 – 27 July 2016

The EuroScience Open Forum (ESOF) is a biennial, pan-European, general science conference dedicated to scientific research and innovation. Each conference aims to deliver stimulating content and lively debate around the latest advancements and discoveries in the sciences, humanities and social sciences.

ESOF brings together over 4,500 leading thinkers, innovators, policy makers, journalists and educators from more than 90 countries, to discuss current and future breakthroughs in contemporary science.

Now in its seventh iteration, ESOF attracts thousands of delegates to the host city during the week of the conference, which, in 2016, will be held between 23 and 27 July in Manchester. ESOF is one of the best opportunities for everyone from leading scientists, early careers researchers, business people, policy makers, science and technology communicators to the general public to come together to find out more about how science is helping us advance today.

In 2016, this major event of European science will be hosted in Manchester, the birthplace of the Industrial Revolution, a city whose ideas have always challenged the established order. The motto 'Science as Revolution' is an invitation for breakthrough ideas to continue scientific revolutions and encourage focus on past, present and future path-breaking science.

ESOF in Manchester will...

- **Showcase** the latest advances in science.
- **Promote** dialogue on the role of science and technology in public policy.
- **Stimulate** and provoke public interest and engagement, excitement and debate about science and technology.
- **Engage** the European science community with global partners and perspectives.
- **Interrogate** the interplay between science and society and inspire public debate on science-related societal change.

ESOF 2016 will be an opportunity to discuss the socio-cultural and economic implications and impacts of scientific revolutions from regional, national, European and global perspectives. This international perspective is particularly significant since, in the face of global challenges and the internationalisation of trade and political governance, science is increasingly considered an international collaborative endeavour; a feature that the programme will address.

Registration is now open

Further details [here](#).



7 Resources

H2020 Latest Calls

Here you can find the latest calls on the newly set up [Research Participant Portal](#).

International Cooperation Activities

Access the [portal of the European Commission's International Cooperation Activities](#) here.

Other Research Career Sites

The Chronicle of Higher Education Careers Service: <http://chronicle.com/jobs/>

Find A Postdoc: <http://www.findapostdoc.com/>

Find Scholarships in Europe: <http://www.scholarshipportal.eu/>

Find PhDs in Europe: <http://www.phdportal.eu/>

Academic Jobs EU: <http://www.academicjobseu.com>

Euro Science Jobs: <http://www.eurosciencejobs.com/>

The European Job Mobility Portal: <http://ec.europa.eu/eures/home.jsp?lang=en>

EMBO excellence in life sciences: <http://www.embo.org>

EuroBrussels: <http://www.eurobrussels.com/>

Jobs at ITER: <http://www.iter.org/jobs>

Nature.jobs: <http://www.nature.com/naturejobs/index.html>

Research Jobs in Germany: [Research-in-Germany.de](http://www.research-in-germany.de)

[Scholarship Database of the German Academic Exchange Service \(DAAD\)](#)

Research Jobs in the Netherlands: <http://www.academictransfer.org/>

Brainpower Austria: <http://www.brainpower-austria.at/>

About EURAXESS Links ASEAN

EURAXESS Links ASEAN is a network of European and non-European researchers, scientists, and scholars working in or commuting to ASEAN. This multidisciplinary network includes members at all stages of their careers. It allows them to connect with each other and with Europe, ensuring that they are recognized as an important resource for European research, whether they remain in ASEAN or return to Europe. For further information and to sign up for membership in our network, as well as in the virtual SINAPSE community of European and non-European researchers abroad, please go to our [website](#) and click on the Join the EURAXESS Links ASEAN community hyperlink on the right-hand side of the page.