

Quarterly
Newsletter
Issue 2
2018



euraxess
RESEARCHERS IN MOTION

This newsletter is for you!
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or **suggestions**.

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EURAXESS China

Dear readers,

Welcome to the 2nd issue of EURAXESS China's quarterly newsletter in 2018! Half a year ago we updated you on the last work programme of Horizon 2020, but now we already have a glimpse of what awaits us beyond the end of the programme – it's the European Union's 9th Framework Programme for Research and Technological Development and it already has a name: **Horizon Europe**. The [Hot Topic article](#) of the newsletter has more details.

We follow up with a new guide that focuses on "[How to Find Information About Research Opportunities in Individual European Countries](#)". EURAXESS China keeps its members up to date on the latest opportunities when it comes to EU funding – but we also serve as a gateway to the European Research Area, helping you to find information about ANY of the member states of the European Union and Associated Countries.

An example of how we give information about countries is this edition's EURAXESS Country focus, this time introducing [Portugal](#). Find out more about the Portuguese research landscape, facts and figures, bilateral and international collaboration and more.

Like usual we finish up with a short overview of the main EURAXESS news of the last quarter, [In Case You Missed them](#).

Best regards

Your EURAXESS China team

EU BUDGET FOR THE FUTURE

HORIZON EUROPE

#EUBudget #HorizonEU



1 Hot Topic: Horizon Europe

European Commission proposes 100 billion euros research & innovation budget 2021-2027



Investing in research and innovation is investing in Europe's future. EU funding has allowed teams across countries and scientific disciplines to work together and make unthinkable discoveries, making Europe a world-class leader in research and innovation. With Horizon Europe, we want to build on this success and continue to make a real difference in the lives of citizens and society as a whole.

Commission Vice-President
Jyrki **Katainen**, responsible for Jobs,
Growth, Investment and
Competitiveness.

*The new programme – **Horizon Europe** – will build on the achievements and success of the previous research and innovation programme (Horizon 2020) and keep the EU at the forefront of global research and innovation. Horizon Europe is the most ambitious research and innovation programme ever.*

While continuing to drive scientific excellence through the European Research Council (ERC) and the Marie Skłodowska-Curie fellowships and exchanges, Horizon Europe will introduce the following main new features:

A European Innovation Council (EIC) to help the EU become a frontrunner in market-creating innovation: The Commission's proposal will establish a one-stop shop to bring the most promising high potential and breakthrough technologies from lab to market application, and help the most innovative start-ups and companies scale up their ideas. The new EIC will help identify and fund fast-moving, high-risk innovations with strong potential to create entirely new markets. It will provide direct support to innovators through two main funding instruments, one for early stages and the other for development and market deployment. It will complement the European Institute of Innovation and Technology (EIT).

New EU-wide research and innovation missions focusing on societal challenges and industrial competitiveness: Under Horizon Europe, the Commission will launch new missions with bold, ambitious goals and strong European added value to tackle issues that affect our daily lives. Examples could range from the fight against cancer, to clean transport or plastic-free oceans. These missions will be co-designed with citizens, stakeholders, the European Parliament and Member States.



Horizon 2020 is one of Europe's biggest success stories. The new Horizon Europe programme aims even higher. As part of this, we want to increase funding for the European Research Council to strengthen the EU's global scientific leadership, and reengage citizens by setting ambitious new missions for EU research. We are also proposing a new European Innovation Council to modernise funding for ground-breaking innovation in Europe

Carlos **Moedas**, Commissioner for
Research, Science and Innovation

Maximising the innovation potential across the EU: Support will be doubled for Member States lagging behind in their efforts to make the most of their national research and innovation potential. Moreover, new synergies with Structural and Cohesion Funds will make it easy to coordinate and combine funding and help regions embrace innovation.

More openness: The principle of 'open science' will become the modus operandi of Horizon Europe, requiring open access to publications and data. This will assist market uptake and increase the innovation potential of results generated by EU funding.

A new generation of European Partnerships and increased collaboration with other EU programmes: Horizon Europe will streamline the number of partnerships that the EU co-programmes or co-funds with partners like industry, civil society and funding foundations, in order to increase their effectiveness and impact in achieving Europe's policy priorities. Horizon Europe will promote effective and operational links with other future EU programmes, like Cohesion Policy, the European Defence Fund, the Digital Europe Programme and the Connecting Europe Facility, as well as with the international fusion energy project [ITER](#).

The Joint Research Centre (JRC), the Commission's science and knowledge service, will continue to contribute with scientific advice, technical support and dedicated research.

The proposed budget allocation of 100 billion euros for 2021-2027 includes 97.6 billion euro under Horizon Europe (3.5 billion euros of which will be allocated under the InvestEU Fund) and 2.4 billion euros for the Euratom Research and Training Programme. The Euratom programme, which funds research and training on nuclear safety, security and radiation protection, will have an increased focus on non-power applications such as healthcare and medical equipment, and will also support the mobility of nuclear researchers under the Marie Skłodowska-Curie Actions.

Next steps

A swift agreement on the overall long-term EU budget and its sectoral proposals is essential to ensure that EU funds start delivering results on the ground as soon as possible. Delays would force Europe's brightest minds to look for opportunities elsewhere. This would imply the loss of thousands of research jobs and harm Europe's competitiveness. From fundamental research to market-creating innovation, key advances in e.g. healthcare, climate action, green transport and sustainable agriculture would slow down; solutions for cancer treatments, greenhouse gas emissions, smart cars, and healthy diets would be delayed.

An agreement on the next long-term budget in 2019 would provide for a seamless transition between the current long-term budget (2014-2020) and the new one and would ensure predictability and continuity of funding to the benefit of all.

Background

The Horizon Europe proposal builds on the success of the current programme, Horizon 2020. The [interim evaluation](#) of Horizon 2020 showed that the programme is on track to help create jobs and growth, tackle our biggest societal challenges and improve people's lives. It shows that the programme has clear European added value, producing demonstrable benefits compared to national or regional-level support. As of May 2018, it has supported over 18,000 projects with over 31 billion euros awarded.

Today's proposal also builds on the Commission's contribution to the EU Leaders' meeting on 16 May in Sofia "[A renewed European Agenda for Research and Innovation - Europe's chance to shape its future](#)", which highlighted the needed steps to ensure Europe's global competitiveness.

About two-thirds of Europe's economic growth over the last decades has been driven by innovation. Horizon Europe is expected to generate new and more knowledge and technologies, promoting scientific excellence, and to have positive effects on growth, trade and investment and significant social and environmental impact. Each euro invested by the programme can potentially generate a return of up to 11 euro of GDP over 25 years. Union investments in R&I are expected to directly generate an estimated gain of up to 100 000 jobs in R&I activities in the 'investment phase' (2021-2027).

For more information

[Legal texts and factsheets](#)

[Horizon Europe webpage](#)

More information on the EU budget for the future can be found [here](#).

2 How to Find Information about Research Opportunities in Individual European Countries

Europe has some of the strongest countries in the world in the realm of science and technology, many of the best universities and R&D companies, as well as a myriad of different national research systems that each offers a unique set of funding and collaboration opportunities. All together this makes the **European Research Area (ERA)** which unifies Europe into a single global research power famous for its **diversity, excellence and creativity**.

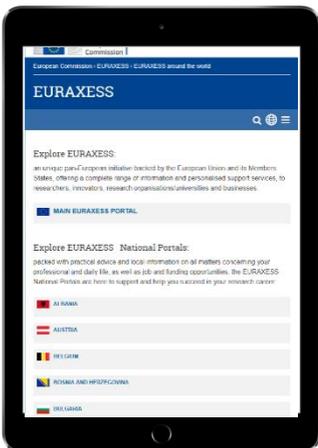
EURAXESS acts as **a gateway to ERA** for scientists from all over the world. We help you to get information about the European research programmes such as Horizon 2020 and in particular individual European mobility programmes such as



Marie Skłodowska-Curie Actions and the European Research Area. Horizon 2020 is one of the biggest funding frameworks in the world with a budget of more than 80 billion euros, but it's still only a fraction of the opportunities that Europe has to offer.

2.1 How to find information about how to go to a certain European country?

An easy start is to look at the country website of the country of your interest on the EURAXESS portal. You can find a list of all the country websites at <https://euraxess.ec.europa.eu/choose-your-country>.



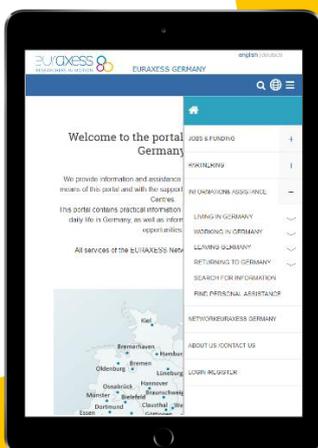
Let's say you are interested in Germany - the EURAXESS Germany country website can be accessed at <https://www.euraxess.de/>. After accessing EURAXESS Germany's website you can see 4 sections at the top of the website – the first one is *Jobs & Funding* where you can find short cuts to job and funding opportunities in Germany from our EURAXESS databases. The second section is *Partnering* which is only for registered portal users and allows you to find other EURAXESS members and institutions, in Germany and the whole of Europe.

The third section is called *Information & Assistance* where you can find practical information about working and doing research in Germany. It's a great resource that includes information about **Living in Germany**; for example the language and culture, entry conditions and visas, social security, daily life and accommodation; information about **working in Germany**; for example how to find academic host, recognition of qualifications, work permit, taxation, career development and IPR; information about what to do when you are **Leaving Germany**; for examples issues related to departure conditions, taxes and family; and finally information about what to do when **Returning to Germany**; such as transfers of entitlement accrued abroad, networks for returning researchers and so on.

The information available can differ from country to country, but in general every country tries to offer a wealth of resources that they think would be of interest to incoming researchers.

The final section of the EURAXESS Germany country page is about the *Network EURAXESS Germany*. Here you can find a list of the local EURAXESS Centres in Germany. Currently, there are 89 local EURAXESS centres and contact points all over Germany located at major universities and research institutions. They offer personalised assistance from a real person to any researcher interested to come to their location. This is a great contact to start with when considering a place in Europe.

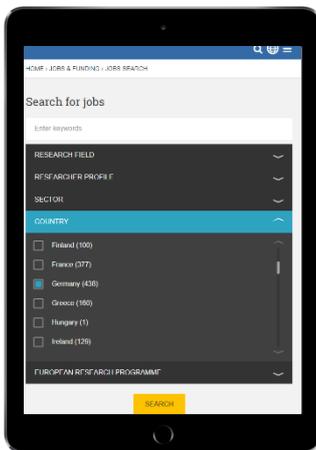
Most EURAXESS member countries have various contact points and service centres that can be contacted and are happy to give you more information.



2.2 How to find information about funding opportunities, jobs, collaborations and so on in a certain European country?

The EURAXESS portal offers great tools to streamline your search about funding opportunities, jobs and other information to collaborate with Europe.

When you go to the main EURAXESS portal at <https://euraxess.ec.europa.eu/> you can see the top left tab *Jobs & Funding*. Hover the mouse over the tab and a menu appears that has four main links: Find Jobs, Post Jobs, Find Funding and Find Hosting.



2.1 EURAXESS Jobs

If you click on the menu item **Find Jobs** you will be taken to the EURAXESS Jobs Portal which is one of the biggest single databases for jobs for researchers in the world. At any given time there are thousands of jobs and positions available through the portal from all over Europe and it's absolutely free of charge, for both employers and employees.

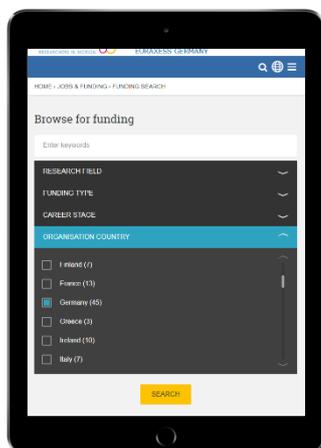
When searching for a job in a certain country, it's easiest to simply use the filters in the EURAXESS Jobs search engine which is available at the top of the EURAXESS Jobs portal. In case you are interested in opportunities for researchers in Spain you can enter any keywords and field specific filters you are interested in (or none at all if you simply want to see all the opportunities) and then click option that says *Country*. Find Spain in the list of countries that appears and check the check box next to it. If you are interested in more than one country you can check as many countries as you want. Finally, click on the yellow search button below.

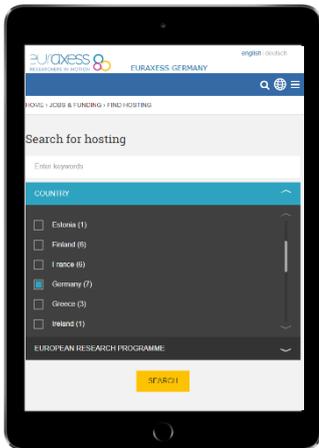
If you didn't filter your search results any further you will be presented with more than 200 opportunities in Spain (at the time of writing).

2.2 EURAXESS Funding Database

If you click the link that says **Find Funding**, you are taken to the EURAXESS Funding Database. Similarly to the EURAXESS Job Portal you will be immediately presented with a search engine that offers you to filter the funding opportunities by organisation country. If you check the checkbox next to Spain when searching the funding database you will find 11 funding opportunities from Spain (at the time of writing). The results will give you a good snapshot of the kind of funding opportunities available in each country although the list is not comprehensive.

To get even more information about funding opportunities in Europe, we encourage you to become a member of EURAXESS China. Through our weekly email flash notes, newsletter, website as well as WeChat and Facebook social media channels we post hundreds of funding opportunities we think could be of interest to our members every month.

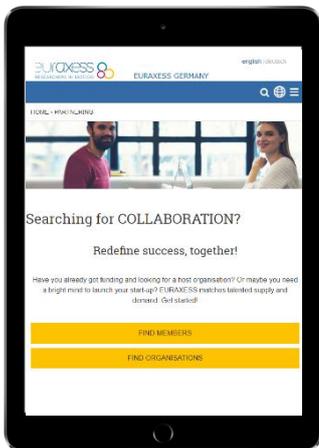




2.3 EURAXESS Hosting Database

If you click the final link that says **Find Hosting** you are taken to the EURAXESS Hosting Database. It offers the same type of search engine and filtering as the Jobs and Funding Database but it focuses on the institutions in Europe that are looking to host researchers to do certain independently funded projects. This includes for example institution interested in hosting a Marie Curie Individual Fellow funded by the European Union or institutions interested in hosting a potential European Research Council Grantee.

For researchers interested in applying for these kinds of grants this is a great tool to identify appropriate and enthusiastic hosting partners in Europe. The results from Hosting Database can also be filtered by the country of the hosting institution. If you check the checkbox next to Spain when searching for hosting you will find 337 hosting offers from Spanish institutions (at the time of writing).



2.4 Finding Partners and Collaborators in a certain European Country

When you go to the main EURAXESS portal (<https://euraxess.ec.europa.eu/>) you can see the top left tab that says *Partnering*. Hover the mouse over the tab and menu appears that offers you *Find Members* and to *Find Organisations*. You need to be a registered EURAXESS Portal user and logged in to be able to use this tool.

This takes you to a search engine that allows you to search for registered members and organisations that have made their profiles public. You can filter your search results by country in the same way as with the other databases above. If you check the checkbox next to Spain when searching for members you will find the profiles of 1627 researchers from Spain (at the time of writing). When checking the checkbox next to Spain when searching for institutions you will find 1205 institutions (at the time of writing).

EURAXESS members are also welcome to contact the Country Representative of EURAXESS China at china@euraxess.net. We can sometimes help you with identifying a good fit for you or find a good contact in the country you are interested in in Europe.



2.3 How to find information about a certain European country's activities and collaboration with China?

EURAXESS China can help you find information about a particular European country's science and research related activities and opportunities focused on China. You can find information by looking at our website at <http://china.euraxess.org> or by finding us on WeChat under the name EURAXESS and on Facebook by searching EURAXESS China. On our website there is also a yellow button that offers you to become a member of EURAXESS



China. Members receive regular updates with information about funding opportunities and upcoming deadlines that might be relevant to China-based researchers, information about Sino-European research events and activities and news about the developments of Sino-European Science and Technology.

We also have a very extensive database on our website with information about every European country and their S&T activities in China.

Visit <http://china.euraxess.org> and click the tab that says *Useful Information*. In the page that opens, find the tab that says *European Countries in China*. Scroll down the page a bit until you find an option box that says *Choose Country*. Click it and find the country you like.

<http://china.euraxess.org>

ERA is a unified research area open to the world based on European Union's internal market, in which researchers, scientific knowledge and technology circulate freely.

Through ERA, the Union and its Member States as well as Associated Countries will strengthen their scientific and technological bases, their competitiveness and their capacity to collectively address grand challenges.

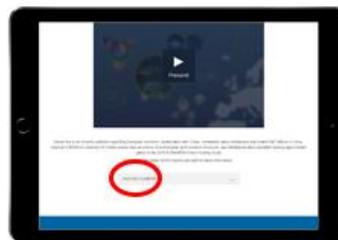
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3



You will be presented with basic information about Sino-Hungarian S&T Relations, including bilateral agreements, main initiatives and programmes, priority fields in cooperation, joint institutes and laboratories and funding opportunities.



Author: EURAXESS Portugal,
Fundação para a Ciência e a
Tecnologia.

3 EURAXESS members in focus: PORTUGAL

Centuries of history and culture, and a prime location and Mediterranean lifestyle, make Portugal the right place to learn and do science. Speaking the language of the future, Portugal is a hub for creativity and innovation, a gateway to the world. It is a unique place to live and share good memories.

Portuguese research landscape

With one of the oldest universities in Europe, the University of Coimbra, founded in 1290, Portugal has a long tradition in education and research. The country has also made significant progress in the last 25 years in enhancing its national research and innovation system, by extending its reach to a larger share of the population, by broadening its scope to all areas of knowledge, by fostering strong links with society, in particular with economic actors, and by always striving for excellent research as defined by international standards. In fact, the Portuguese research and innovation system is structurally internationalised, in part because of the relatively small size of the country and the need to share expertise with a broader community, but also because of the strong policy vision that we can only push the boundaries of modern science and technology in collaborative efforts, that have to go above and beyond national borders.

The main funding agency in Portugal is the Foundation for Science and Technology (FCT), responsible for the implementation of the public policies that arise from the Ministry for Science, Technology and Higher Education. In 2016, the Government published its “Compromise with Knowledge and Science: the compromise with the future”, a strategic document that defined the policy ambitions up to 2020. Among them was the goal of reinforcing the scientific institutions, to expand and dignify the scientific careers, to continue the stimulus for internationalisation, and to develop, with the involvement of the scientific community, a set of research and innovation agendas in different thematic areas that should guide national policies up to 2030.

Facts & Figures

Portugal has 132 Higher Education Institutions spread throughout the country, supporting a community of almost 360 000 students, 12% of which are foreigners. In fact, the number of foreign students in Portugal increased by 95% in the last 7 years, a clear sign of the attractiveness of the country.

The national research and innovation system includes 307 research centres dedicated to all areas of knowledge, originating around 2000 doctorates completed each year, a 74% growth between 2000 and 2010. The strong and long-lasting support to S&T policies led to a 35-fold increase in scientific production in the last 25 years – actually, Portugal had the second highest average annual growth rate of publications between 2001 and 2014 within the EU.



Portugal is in the list of widening countries, and therefore, from 2018 to 2020, proposals above the quality threshold of 70% but not retained for funding through the MSCA IF call with a host institution in Portugal will be automatically reassigned to the Widening Fellowships call (unless the applicants explicitly opted-out). The country also had a 45-fold increase in registered patents between 2001 and 2014. An innovation-friendly environment led to an annual rate of 31 000 new start-ups created every year, and almost 310 000 created between 2007 and 2015. This reflects a changing economic environment in the country, also reflected in the 130% increase of the technology-based firms between 2007 and 2010. To continue fostering this dynamic, the Government has recently launched the Collaborative Laboratories (Colabs), a new model of association between academia and the industry, where the main goal is to create skilled and scientific jobs in Portugal, both directly and indirectly, by implementing research and innovation agendas geared at creating economic and social value.

Bilateral and International cooperation

Portugal has a number of active, bilateral agreements in Science and Technology, most under the responsibility of FCT. These bilateral agreements normally support researcher mobility and, in some cases, collaborative projects. The historical and linguistic connection with Brazil has led to a strong bilateral cooperation, with frequent calls for researcher mobility (CAPES and FAPESP), and a dedicated legal regime to welcome Brazilian scientists and students in Portugal.

International cooperation is a fundamental characteristic of the Portuguese Research and Innovation landscape. Portugal has a tradition on bilateral agreement with several countries such as Argentina (Cooperation Programme in S&T between Argentina and Portugal), China (Sino-Portuguese Programme for Cooperation in S&T), India (Indo-Portuguese Programme for Cooperation in S&T), and the USA (Fulbright Program), among others.

Along with the bilateral agreements, the country is an active member of several international organisations, such as ESA, which is a part of the national Space Programme, EMBO, EMBL or CERN. Portugal is also a very active participant in the COST programme, as well as in CYTED, the Ibero-american programme for science and technology for development.

Taking advantage of its historical connection to the ocean, of the privileged geographical location, and of the expertise that has been built during the last decades, Portugal has recently promoted the creation of the Atlantic International Research Centre (AIR Centre), an intergovernmental initiative to foster collaborative research activities on climate, land, space and oceans. The AIR centre already has the involvement of Portugal, Brazil, Spain, Angola, Cape Verde, Nigeria, Uruguay and São Tomé and Príncipe, with the United Kingdom and South Africa participating as Observers.





Marie Skłodowska-Curie Actions in Portuguese

Experienced researchers willing to move to Portugal can apply to an Individual Fellowship (IF) of the Marie Skłodowska-Curie Actions (MSCA), irrespective of their country of origin.

Widening Fellowships

Portugal is in the list of widening countries, and therefore, from 2018 to 2020, proposals above the quality threshold of 70% but not retained for funding through the MSCA IF call with a host institution in Portugal will be automatically reassigned to the Widening Fellowships call (unless the applicants explicitly opted-out)..

Sino-Portuguese Research Opportunities

China and Portugal has programme for cooperation in science & technology. The [8th call for proposals](#) in 2016-2018 had 27 applications where [10 projects](#) were funded. Portugal and China have had an Agreement on Scientific and Technical Cooperation since 1993 as well as a MoU signed in 2012. In addition to that there was MoU signed in 2016 on a cooperation in **Marine Sciences**. See more about the main initiatives and programmes, priority fields, and joint laboratories and institutions at china.euraxess.org (see how on page 8).



Portugal as a destination

Besides its excellent universities and research centres, there are a number of reasons to justify the attractiveness of Portugal as a [study and research destination](#). Not only the sun, the food and the friendliness of the people, but also the reasonable [cost of living](#) and of [accommodation](#), the comprehensive [health system](#), or knowing that the country has been among the top 5 countries in the [Global Peace Index](#) for a number of years now. In fact, there are at least [10 reasons](#) to choose Portugal as a study and research destination. Find a [job](#) or a [hosting institution](#) and experience this beautiful country.

4 In case you missed...

4.1 EURAXESS Researchers' Night Shanghai

On April 12th, EURAXESS China organised the 7th edition of Researchers Night Shanghai continuing its effort to creating an efficient networking platform for the researchers community in Shanghai. The event this time was organised with the supporting partnership of the Association of Italian Scholars in China and the newly established Holland Science Network in China as well as in cooperation with the French Consulate in Shanghai and the long-standing partners of EURAXESS, ESSCA School of Management in Shanghai and ThinkIN China.

The topic of the 2018 edition of the Shanghai Researchers' Night was "How to benefit from the power of Researchers' Diaspora Networks". To see more about the event and the results click [here](#).

4.2 EURAXESS opens a portal in Australia & New Zealand and a new office in South Korea

A new chapter under EURAXESS Worldwide went live in early June on the EURAXESS portal. The new **EURAXESS Australia/New Zealand** is available at: <https://euraxess.ec.europa.eu/worldwide/australia-nz>

In addition to that, EURAXESS Worldwide is also in the process of opening a new office in [South Korea](#). The new office launch event will take place on 13 July 2018 in Seoul. The event will include roundtables on research cooperation, two hands-on training sessions on the most prestigious European mobility grants (European Research Council and Marie Skłodowska-Curie grants), and much more.

Check the programme and register [here](#).

About us

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

Visit us at china.euraxess.org and [Join](#) the EURAXESS China community.

EURAXESS Worldwide networks have thus far been launched in ASEAN (currently focusing on Singapore, Thailand, Malaysia, Vietnam and Indonesia), China, India, Japan, North America (with the US & Canada) and as of March 2017, the EURAXESS Brazil network has been expanded to cover Latin America and the Caribbean as well (EURAXESS LAC, with a current focus on Brazil, Argentina, Chile, Mexico, and Colombia). Since May 2018 the EURAXESS network in South Korea started its activities and a EURAXESS information website for Australia and New Zealand was launched in June 2018.

