

Quarterly  
Newsletter  
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euraxess  
RESEARCHERS IN MOTION

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## EURAXESS China

Dear readers,

Welcome to this edition of our quarterly newsletter, the second issue of 2017.

We kick off with a short [briefing](#) on the EU-China Innovation Cooperation Dialogue in Brussels where it was agreed to renew the EU-China Co-funding mechanism for the coming three years.

The [Hot Topic](#) in this issue puts the spotlight on Europe-China Joint Research Structures. EURAXESS China in cooperation with the EU Delegation in Beijing will be holding the 3<sup>rd</sup> Workshop on Joint Research Structures in September 2017, so we welcome you to check out our new directory for such structures.

Like usual, we offer you a detailed profile of the research system in a selected EURAXESS Member State. This time **Greece** is [In Focus](#).

[In Case You Missed](#) something from the last few months, we collected a small overview of noteworthy activities and milestones for EURAXESS China as well as put together an outlook on some of the upcoming activities.

Best regards

EURAXESS China team



# 1 Briefing: EU-China Innovation Cooperation Dialogue in Brussels

*Summary: Held at the margins of EU-China Summit · Agreement to boost cooperation · Co-funding Mechanism renewed for 3 years for the first time*

The 19th Summit between the European Union and the People's Republic of China held in the first week of June in Brussels. The 3rd **EU-China Innovation Cooperation Dialogue**, co-chaired by Carlos **Moedas**, Commissioner for Research, Science and Innovation, and Wan Gang, China's Minister of Science and Technology, took place in the margins of the Summit.

In the field of research and innovation, the European Union and China have agreed to boost their [cooperation](#) with a new package of flagship initiatives targeting the areas of food, agriculture and biotechnologies, environment and sustainable urbanisation, surface transport, safer and greener aviation, and biotechnologies for environment and human health. These initiatives will translate into a number of topics for cooperation with China under [Horizon 2020](#), the EU's funding programme for research and innovation.

Both sides agreed on the **renewal of the EU-China [co-funding mechanism](#) for research and innovation for the period 2018-2020**, and on its application to future SME cooperation and to support start-ups. The mechanism was established for the year of 2016 and has already once been successfully renewed, but this is the first time it's renewed for 3 years, which cements it as the future vehicle for EU-China collaboration in Horizon 2020 programmes.





## 2 Hot Topic: Europe-China Joint Research Structures

Following similar events in 2011 and 2013, EURAXESS China and the EU Delegation to China will be organising the **3<sup>rd</sup> Workshop on Europe-China Joint Research Structures** on 25 September 2017 at the Italian Embassy in Beijing. In a mapping exercise conducted in December 2016 by EURAXESS China, 144 Joint Research Structures were identified. As we invite all stakeholders to register for the workshop in September, we also welcome our members for the first time to access our **Directory of Joint Research Structures** as well as some analysis on the main trends observed.

AUSTRIA-CHINA JOINT RESEARCH STRUCTURES	+
DENMARK-CHINA JOINT RESEARCH STRUCTURES	+
FRANCE-CHINA JOINT RESEARCH STRUCTURES	+
GERMANY-CHINA JOINT RESEARCH STRUCTURES	+
ITALY-CHINA JOINT RESEARCH STRUCTURES	+
THE NETHERLANDS-CHINA JOINT RESEARCH STRUCTURES	+
NORWAY-CHINA JOINT RESEARCH STRUCTURES	+
POLAND-CHINA JOINT RESEARCH STRUCTURES	+
PORTUGAL-CHINA JOINT RESEARCH STRUCTURES	+
SLOVENIA-CHINA JOINT RESEARCH STRUCTURES	+
SPAIN-CHINA JOINT RESEARCH STRUCTURES	+
SWITZERLAND-CHINA JOINT RESEARCH STRUCTURES	+
SWEDEN-CHINA JOINT RESEARCH STRUCTURES	+
THE UNITED KINGDOM-CHINA JOINT RESEARCH STRUCTURES	+
MULTILATERAL JOINT RESEARCH STRUCTURES	+

← Find Information about 144 Europe-China Joint Research Structures by accessing our online directory

<https://euraxess.ec.europa.eu/worldwide/china/directory-europe-china-joint-research-structures>

### The number of Joint Research Structures has doubled since 2011

The directory is a result of a mapping exercise conducted in November/December 2016, suggestions from the network of S&T Counsellors from European embassies, as well as a similar directory from 2013. It reveals that there has been a steady growth of about 10 new Joint Research Structures a year since 2005 resulting in the total number to have more than doubled since the first workshop in 2011.

Currently there are institutions from 14 European countries that have established these joint structures in China, with

## Joint Research Structure Success Story

### => The 20th year anniversary of LIAMA

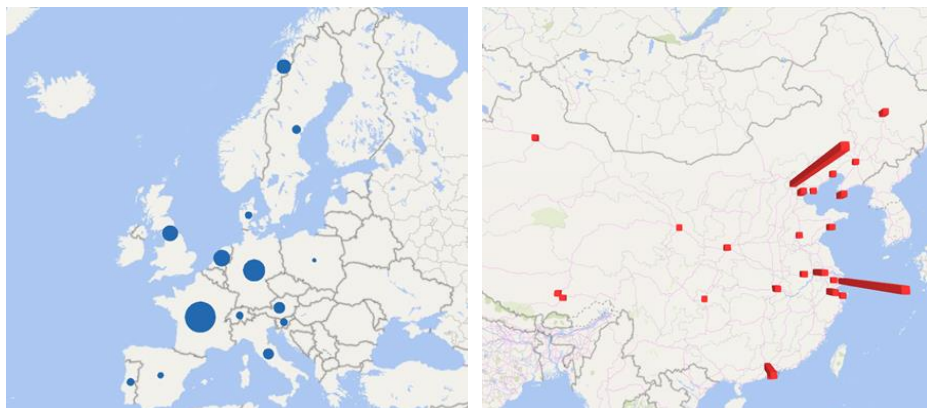
The Sino-European Laboratory in Computer Science, Automation and Applied Mathematics, [LIAMA](#), is a research hub, hosted by CASIA, the Institute of Automation of the Chinese Academy of Sciences and one of the oldest and most successful example of a joint research laboratory in China.

Created by INRIA and CAS in January 1997, LIAMA conducts research, training and transfer projects in Computer Science, Automation and Applied Mathematics. Each research project of LIAMA is a cooperation between European and Chinese researchers, and is hosted by a partner institution in China.

July 11-12 LIAMA will be celebrating its 20th year anniversary with a celebration program in Beijing. See more information at

<http://liama.ia.ac.cn/liama20th/>

about half of them in Beijing and Shanghai and the rest distributed evenly throughout mainland China. See more analysis on the trends [here](#).



Where the European partners are from and the location of the structures in China

## The Workshop 2017

The 3<sup>rd</sup> Workshop on Europe-China Joint Research Structures will be held at the Italian Embassy in Beijing on 25 September 2017. Continuing the efforts of previous workshops the goal is to bring together both the European side and the Chinese side, either involved in currently managing these projects or in the process of setting up such a structure; to share experiences and best cases, explore challenges and current developments.

The main expected outcomes of the workshop will be to make policy recommendations, formally launch the [directory of JRS](#), update the [Handbook on How to Establish a Europe-China Joint Research Structure](#), as well as creating opportunity for networking.

## The Structure of the Workshop

Consultations with main stake holders led to the following 4 focus areas:

<b>Researchers' Mobility</b> Visa Issues/ Working Permits/ Recruitment/ HR issues	<b>Access to Funding</b> European/Chinese/Joint Funding Challenges
<b>Legal Status of JRS</b> Alternative legal status / NGO Laws	<b>Intellectual Property Rights</b> The different IPR related challenges and best practices

The programme is going to include an update on the state of play from MOST, short testimonials from a selection of Joint Sino-European Research Structures, as well as expert talks on each of the 4 focus areas. The workshop will proceed with a parallel working group centred on each of the focus area and an extensive discussion of their results by experts.

## Registration

To get more information about the programme or to show interest in participating, please visit the [registration portal](#).



## 3 EURAXESS Members in Focus: Greece

### Research and Development in Greece

Greece has a number of research institutions conducting cutting-edge basic research. Five of the Top-50 research organizations that receive funding through the EU's Framework Programme for Research and Innovation (Horizon 2020) are from Greece<sup>1</sup>. The capacity of Greek research institutes to conduct excellent research is also reflected in the relatively good performance in terms of outstanding scientific publications<sup>2</sup>. Greece's performance (2015) is above the EU average for some individual indicators such as: international scientific co-publications (120% of the EU average), non R&D innovation expenditure in the private sector (127%), SMEs marketing/organisational innovations (124%) and innovative SMEs collaborating with others (120%)<sup>3</sup>.

At the end of 2013 (most recent available data), **Gross Domestic Expenditure on R&D (GERD)** was at 1.47 billion euro, increasing from 0.67% of GDP in 2011 to 0.8% of GDP in 2013<sup>4</sup>. In the context of the revision of the National Reform Programme (for the year 2014), the Greek authorities have proposed a more ambitious target of as much as 1,2 % of GDP.<sup>5</sup> The Higher Education sector is the largest R&D performer accounting for 38.2 % of the total R&D expenditure in 2015. At the end of 2015, the Higher Education sector was composed of 22 public universities and 14 public Technological Education Institutes (TEI). In addition to public, there are 28 private universities of various types accredited by the Ministry of Education, Research and Religious Affairs operating in the country. There are 15 public research organisations, of varying sizes, supervised by the **GENERAL SECRETARIAT FOR RESEARCH AND TECHNOLOGY (GSRT)**.

**Greece is strategically located at the crossroads of Europe, Asia, and Africa.**

The R&I strategy for the next programming period (**Revision of the implementation law (Law 4386/2016) of the National Strategy for Research, Technological Development and Innovation-ESETAK**), which includes the **Smart Specialisation strategy (RIS3)**, focuses on the following priorities:

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<sup>2</sup> THE IMPACT OF RESEARCH ON GREEK ECONOMIC GROWTH, GERMAN INSTITUTE FOR ECONOMIC RESEARCH DIW ECON, NOVEMBER 2016

<sup>3</sup> RIO Country Report Greece 2016, Science and Policy Report by the Joint Research Centre, 2017

<sup>4</sup> RIO Country Report Greece 2014, Science and Policy Report by the Joint Research Centre, 2015

<sup>5</sup> Researchers' Report 2014 Country Profile: Greece, prepared by Deloitte

**Greece** is a developed democratic country with a high standard of living. A founding member of the United Nations, Greece was the tenth member to join the European Communities (precursor to the European Union) and has been part of the Eurozone since 2001.

*Foundation for Research and Technology Hellas (FORTH)-  
[www.forth.gr/](http://www.forth.gr/)*

*Center for Research and Technology Hellas (CERTH)-  
[www.certh.gr/root.en.aspx](http://www.certh.gr/root.en.aspx)*

*National Center for Scientific Research "Demokritos"-  
[www.demokritos.gr/?lang=en](http://www.demokritos.gr/?lang=en)*

*Institute of Communications and Computer Systems (ICCS)-  
[www.iccs.gr/en/](http://www.iccs.gr/en/)*

*ATHENA Research and Innovation Center in Information, Communication and Knowledge Technologies-  
[www.athena-innovation.gr/](http://www.athena-innovation.gr/)*

- areas of traditional strength for the country (examples: shipping, tourism, energy)
- areas of recent successes in terms of critical mass and on-going activities (examples: IT, pharmaceuticals, engineering, energy);
- areas of high added value and able to deliver major economic benefit and employment prospects (examples: energy, nutrition – food sciences); and
- areas of national interest (examples: food production, archaeology, culture, energy, defence, biomedicine).

In total, 8 technological areas were identified matching the priorities; Biosciences, Agro-Biotechnology Nutrition, Energy and Environment, Computer Science and Mathematics, Physical Sciences, Engineering, Social Sciences and Arts and Humanities, with about 28% of the funding for the next programming period 2014-2020 allocated to Biosciences, followed by Engineering (18%) and Physical Sciences (12%)<sup>6</sup>. Approximately 27% of the total funding is expected to be dedicated to societal challenges.

## Greek R&D Strategy

The **New R&D&I Strategy for the Programming Period 2014-2020**<sup>7</sup> aspires to strengthen the Greek research system (human capital and infrastructure), conduct research relevant to the needs of the country and thus make R&D an indispensable tool for the further development of the Greek economy. In this context, it is intended to launch programmes focusing on the development of human capital for research in a knowledge economy (including support to excellent researchers, support to mobility of researchers to work in enterprises, and support to training for innovation activities, as well as starting grants for new researchers).

### **Entrepreneurship and Innovation**

The Business Sector is the second largest R&D provider of funds and performer in Greece (31.8% and 33.3% of the total GERD respectively). Based on EU2016 Industrial R&D Investment Scoreboard, **five Greek companies (one more than the previous year) featured among the top EU companies on R&D spending**: PHARMATHEN (Pharmaceuticals & Biotechnology, [www.pharmathen.com](http://www.pharmathen.com)), INTRALOT (Technology Hardware & Equipment, [www.intralot.com/](http://www.intralot.com/)), the National Bank of Greece (Banks, [www.nbg.gr](http://www.nbg.gr)), GALAXIDI Marine Farmand (fish farm, [www.gmf-sa.gr](http://www.gmf-sa.gr)) and Creta Farm (meat and deli meats, [www.cretafarms.gr](http://www.cretafarms.gr)). A large number of SMEs and start-ups are also declaring R&I activities mainly in service and incremental innovations<sup>8</sup>. According to the National Reform Programme 2016, Greek enterprises are expected to increase their Business Expenditures on Research and

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<sup>6</sup> *National Strategic Framework for Research and Innovation 2014-2020, National Council of Research and Technology*

<sup>7</sup> *Greek National Reforms Programme 2014, April 2014*

<sup>8</sup> *RIO Country Report Greece 2016, Science and Policy Report by the Joint Research Centre, 2016*

Development (BERD) to approximately 0.38% of the GDP in 2020<sup>6</sup>. A large number of SMEs and start-ups have been undertaking R&I activities mainly in services and incremental innovations. Greece has three University Business Incubators and 6 Science and Technology Parks: Technology & Science Park of Attika "Lefkippos" ([www.demokritos.gr/Contents.aspx?CatId=60](http://www.demokritos.gr/Contents.aspx?CatId=60)), Science and Technology Park of Crete ([www.stepc.gr](http://www.stepc.gr)), Thessaloniki Technology Park ([www.thestep.gr](http://www.thestep.gr)), Patras Science Park ([www.psp.org.gr](http://www.psp.org.gr)), Epirus Science and Technology Park ([www.step-epirus.gr](http://www.step-epirus.gr)) and Lavrion Technological and Cultural Park ([www.ltp.ntua.gr](http://www.ltp.ntua.gr)). Technology Transfer Offices (called "Innovation Liaison Offices") exist in major Higher Education Institutions and in 64% of Public Research Organisations<sup>7</sup>.

Brain drain has been recognized as a key challenge in the Operational Program for Competitiveness, Entrepreneurship and Innovation as well as the Greek Strategy for the European Research Area – Roadmap 2015-2020 (GSRT, 2016). The recently established (L.4429/2016) **National Foundation for Research and Innovation (NFRI-ELIDEK)** in the footsteps of the National Science Foundation (NSF) of the US, and Germany's Deutsche Forschungsgemeinschaft (DFG) aims to address this challenge. The Foundation, co-sponsored by the European Investment Bank (EIB) and national funds, aims to fund combined with Greek national funds. The aim is to attract and to keep highly-qualified scientists in Greece, through funds devoted both to curiosity driven research and entrepreneurship & innovation. To this end, the Greek Research and Innovation Foundation will allocate 240 million euro by 2019<sup>6</sup>.

**Establishment of a Foundation for Research and Innovation (ELIDEK)**  
October 2016 by Law 4429/2016.

[www.eib.org/projects/loan/loan/20150747](http://www.eib.org/projects/loan/loan/20150747)

Enterprise Greece promotes investment and foreign trade in Greece

[www.enterprisegreece.gov.gr/en/about-us](http://www.enterprisegreece.gov.gr/en/about-us)

The main funding body is the General Secretariat for Research and Technology

([www.gsrt.gr/](http://www.gsrt.gr/))

Greece has valuable assets that contribute to the transition to an innovation-driven economy:

- leading research institutions,
- medium and high-tech firms, e.g. in the IT and pharmaceutical sector, as well as a certain number of innovative startups in the information technology sector in Athens,
- a considerable diaspora in research, finance and business

**Enterprise Greece** is designed to promote and support Greek exports of goods & services and investments in Greece.

## Funding and Recruitment Opportunities

The government constitutes the largest R&D source of funds (in 2015, 52.7% of the GERD was funded by GOV) and the third largest R&D performer (after Higher Education Institutes and Business). The National Council for Research and Innovation (NCRI, [www.esek.org.gr](http://www.esek.org.gr)) is the supreme State advisory body for national policy for research, technology and innovation. The responsibility of funding research is shared between the Ministry of Education, Research and Religious Affairs and the Ministry of Economy, Development and Tourism. Funds coming from the EU Regional Operational Programmes fall typically

under the competence of the Regional Authorities. The Ministry of Rural Development and Food supervises the National Agricultural Research Foundation (NAGREF, [www.nagref.gr](http://www.nagref.gr)), which undertakes research and technology in agricultural, forest, animal and fish production and other related areas in Greece. The Higher Education sector is the largest R&D performer accounting for 38.2 % of the total R&D expenditure in 2015. The Business Sector is the second largest R&D funder and performer in Greece (31.8% and 33.3% of the total GERD respectively) <sup>6</sup>.

The new Law on Research Technological Development and Innovation (L.4310/2014), acknowledges the pivotal role of the General Secretariat for Research and Technology (GSRT), part of the Ministry of Education, Research and Religious Affairs, in the design of R&D programmes and the allocation of funding.

## International Research Cooperation and Sino-Greek Cooperation

### Important information for incoming researchers

[EURAXESS Greece](http://euraxess.greece) is a resource for foreign researchers who plan to come to Greece. Whether you are looking for information about work, study or everyday life in Greece, EURAXESS Greece covers all matters relating to your professional and daily life, job and funding opportunities. EURAXESS Greece is also a platform for researchers, entrepreneurs, universities and businesses.

International cooperation is sought primarily through bilateral agreements. Such agreements have been signed between Greece and China (cooperation in the area of preservation of cultural heritage with the establishment of a Chinese Research Centre in Greece and a common research laboratory in China being under way).

**An example of an agreement of scientific cooperation that is related to China is a commitment** initially of 37 million euro from the smart specialization strategy (RIS3), in order to finance the programmes under the bilateral agreements until 2020. The first phase will be dedicated to the cooperation with Germany, China, Israel (Cyprus) and Russia. Part of the government's priorities is the promotion of the cooperation programmes in other countries within and outside the EU<sup>9</sup>.

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<sup>9</sup> HELLENIC REPUBLIC MINISTRY OF EDUCATION, RESEARCH & RELIGIOUS AFFAIRS  
GENERAL SECRETARIAT FOR RESEARCH AND TECHNOLOGY (GSRT), *Greek Strategy for the European Research Area (ERA) National Roadmap (2015-2020)*, Athens, April 2016



## 4 In case you missed...



### 4.1 Researchers' Night Shanghai 2017

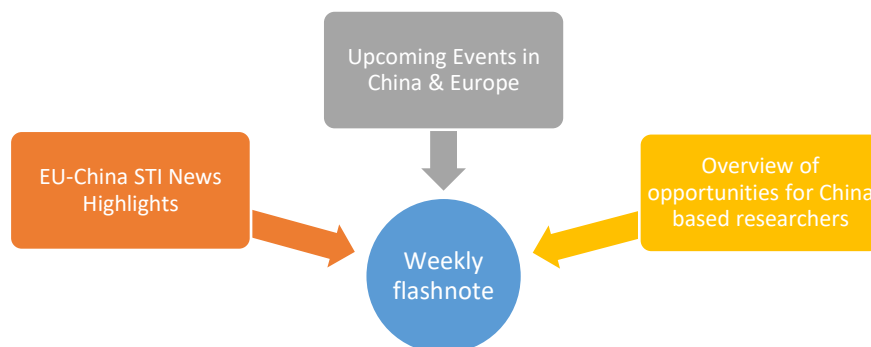
The annual EURAXESS Researchers' Night Shanghai was held at the nakedHub in Xintiandi Shanghai on 13 May. Approximately 100 Chinese and European researchers from the researchers' community in Shanghai used the opportunity to meet, network and grow their connection with the European Research Area.

The theme of the evening was the ***Future of Innovation in China and its implications for EU-China Cooperation*** this was a first-time thematic cooperation with the EU-funded Dragon Star Plus project that conducted a workshop on the same topic in Shanghai that week. Thomas Larsson from Kairos Future China and Epaminondas Christofilopoulos from PRAXI introduced the preliminary results of a recent **foresight study** coordinated by Dragon Star Plus.

The talks were followed by group discussions and an open floor interactive session over drinks and light refreshments. For more information about the event visit the [event website](#) or check out the [gallery](#).

### 4.2 New content schedule for EURAXESS China Portal

Following the launch of the new [EURAXESS Portal](#) EURAXESS China has been trialling a new content schedule at [china.euraxess.org](#). Every Monday, Wednesday and Friday we now publish articles on EU-China STI News Highlights, Upcoming Events in China & Europe, and overview of Opportunities for China-based Researchers.



To follow these articles visit [china.euraxess.org](#) or [subscribe to our mailing list](#) to get it all sent to your inbox in our weekly flash notes. The content is also available on our [facebook](#) and [wechat](#) channels.



Wechat is a Chinese Social Media application developed by Tencent. It was first released in 2011 and by 2017 it was China's largest with over 938 million active users.

### 4.3 More than **1000 subscribers** to the official EURAXESS China Wechat Channel

The number of subscribers to the official EURAXESS China Wechat Channel exceeded 1000 for the first time in the afternoon of 16 June 2017.

The thousandth subscriber is a scientist named Gong Re from Institute of Engineering Thermophysics, Chinese Academy of Sciences. He will be receiving a bottle of European wine as prize for being the lucky number 1000.

The official EURAXESS China Wechat Account was opened in May 2015 and has grown rapidly ever since then. Find us on Wechat by [scanning](#) our QR Code.

### 4.1 Event Outlook

Name	Field	Date	Location	Website
1. Europe-China Joint Research Structures Workshop	All fields	25 September	Beijing	<a href="#">Registration portal</a>
2. Launch of ERICENA Centres	All fields	24-26 October	Beijing and Chengdu	<a href="http://web.spi.pt/ericena/">http://web.spi.pt/ericena/</a>
3. European Research Day	All fields	Last week of October	Beijing	<a href="http://china.euraxess.org">http://china.euraxess.org</a>

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### About us

EURAXESS China is a networking tool for European researchers active in China and for Chinese 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](http://china.euraxess.org) and [Join](#) the EURAXESS China community.

EURAXESS Worldwide networks have thus far been launched in North America (USA & Canada) Japan, China, India, in ASEAN (currently focusing on Singapore, Thailand, Malaysia, Vietnam and Indonesia) and as of March 2017, the EURAXESS Brazil network has been expanded to cover Latin America and the Caribbean States as well.

