

# Going International in Europe – Requirements, Policies and Tools

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EURAXESS Brazil  
Fiep, 31 May 2019



EURAXESS is a European Commission's Directorate General  
for Research and Innovation initiative



# About EURAXESS

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EURAXESS – Researchers in motion is a European Commission initiative, removing the barriers to brain circulation since 2003



We provide free **information and support services**

Network of 40 countries in Europe + 6 global hubs +  
European Commission

[euraxess.org](http://euraxess.org)



## Content

### 01.

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Horizon 2020 and what to expect from Horizon Europe

### 02.

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EURAXESS: support to mobile researchers and other interesting tools

# Horizon 2020 structure

## EXCELLENT SCIENCE

- European Research Council
- Future and Emerging Technologies (FET)
- Marie Skłodowska-Curie research grant scheme
- Research Infrastructures

## INDUSTRIAL LEADERSHIP

- ICT
- Key Enabling Technologies (KETs):
  - Microelectronics
  - Photonics
  - Nanotechnologies
  - Advanced materials
  - Production systems
  - Biotechnologies
- Space
- Innovation in Small and Medium Enterprises (SMEs)
- Access to Risk Finance

## SOCIETAL CHALLENGES

- Health, wellbeing and aging
- Food security, bioeconomy, ...
- Safe, clean, efficient energy
- Intelligent, green, integrated transportation
- Climate, environment, raw materials
- Inclusive, innovative society, capable of reflection
- Security

Spreading of best practices and widening participation

Science with and for Society

European Institute of Innovation and Technology (EIT)

Joint Research Centre (JRC)

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# How to participate in Horizonte 2020

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There are 2 ways to participate:

1

## **FUNDING FOR COLLABORATIVE RESEARCH**

Together with at least 3 legal entities from 3 different countries of the EU or from Countries Associated to Horizon 2020 + international partner

2

## **FUNDING FOR INDIVIDUAL RESEARCHERS**

Researchers of all nationalities are welcome to participate

## Useful links on Horizon 2020

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- [Brazil country page on Horizon 2020](#)
- [CONFAP information page about Horizon 2020](#)
  - Seleção de Chamadas de possível interesse para o Brasil 2018 – 2019
  - Material explicativo em Português
  - Guidelines para co-fomento
  - Guia Prático
  - Tutorial
  - Tutorial MSCA
  - Participação brasileira no Horizonte 2020

# Mobility under Horizonte 2020



# Marie Skłodowska Curie Actions

## **MSCA**





# Marie Skłodowska-Curie Actions - MSCA

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A European Union funded programme for structuring **researcher training, mobility and career development**

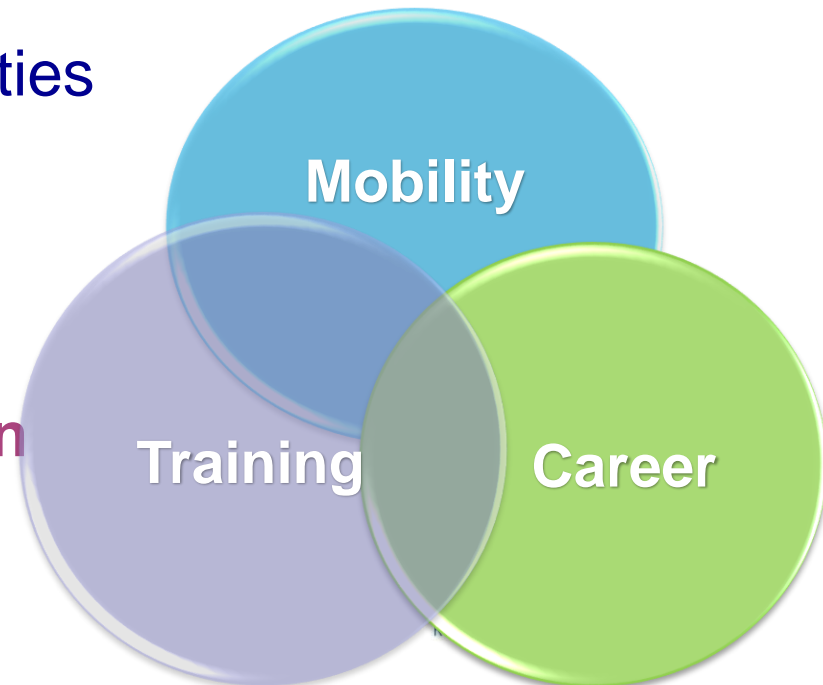
**”Brain gain and brain circulation”**

**Open to all researchers,**  
all areas, all levels, all nationalities

**Bottom-up**

**Innovation**

**Budget 2014-2020: € 6.162 billion**



## MSCA for Brazilian research institutions

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Brazilian institutions performing research (public or private, academy or not) can **take part in a:**

- **research training network** with EU partners (ITN) – p.20

- **joint research and innovation project** through short-term intersectorial & international **staff exchange (RISE)** – p.13

⇒ ITN&RISE: Brazilian partners bring their co-funding

- **host an EU based research for free (IF)** for up to 2 years

# MSCA for Brazil based **researchers**

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Brazilian researchers or based in Brazil are eligible to MSCA to:

**Carry out a PhD in Europe (ITN & Cofund)**  
**=> EURAXESS Jobs**

# PhD in Europe (MSCA ITN/Cofund) => open on EURAXESS Jobs portal

[jobs.euraxess.org](https://jobs.euraxess.org)



HOME › JOBS & FUNDING › JOBS SEARCH

## Search for jobs

Enter keywords

RESEARCH FIELD

RESEARCHER PROFILE

SECTOR

COUNTRY

EUROPEAN RESEARCH PROGRAMME

1 selected

- ...
- FP7 / People-Marie Curie Actions (11)
- FP7 / People-Marie Curie Actions COFUND (7)
- H2020 (103)
- H2020 / ERC (47)
- H2020 / Marie Skłodowska-Curie Actions (176)
- H2020 / Marie Skłodowska-Curie Actions COFUND (5)
- Not funded by an EU programme (4240)

SEARCH

NEED HELP?





**JOBS & FUNDING**

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08/03/2019



# 8 Early-Stage Researcher (ESR) positions are available as part of the MSCA European Industrial Doctorate ITN "REWATERGY"



[WHERE TO APPLY](#) [CONTACT](#) [SAVE TO FAVORITES](#) [SHOW ON MAP](#)

<b>ORGANISATION/COMPANY</b>	REY JUAN CARLOS UNIVERSITY / CAMBRIDGE UNIVERSITY / ULSTER UNIVERSITY / DELFT-IMP / PROPHOTONIX / AQUALIA	<b>LOCATION</b>	Spain › Madrid (ES) / Cambridge (UK) / Belfast (UK) / Delft (NL) / Cork (IE)
<b>RESEARCH FIELD</b>	Engineering › Chemical engineering Engineering › Civil engineering Engineering › Design engineering	<b>TYPE OF CONTRACT</b>	Temporary
		<b>JOB STATUS</b>	Full-time



## Who we are?

**REWATERGY** is a Marie Curie European Industrial Doctorate (EID) training network funded by the European Commission within the Horizon 2020 research and innovation action. The **REWATERGY** programme aims to develop an academic-industrial partnership within the water-energy nexus.

The **REWATERGY** network comprises 3 universities; Rey Juan Carlos University (Spain), University of Cambridge (UK) and Ulster University (UK) and 3 companies; Deft IMP (Netherlands), ProPhotonix (Ireland) and FCC Aqualia (Spain). **The consortium is are recruiting 8 highly motivated PhD candidates**, providing inter-sectoral training, which will qualify them for a career in academia and/or industry.



[MORE INFO](#)



# MSCA for Brazil based **researchers**

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Brazilian researchers or based in Brazil are eligible to MSCA to:

**Carry out a PhD in Europe (ITN & Cofund)**

⇒ EURAXESS Jobs

**Carry out a post doc (IF)**

with host institution based in Europe, from the academic or the non-academic sector.

Annual calls (april-september 2019)

Competitive, generous & prestigious grants

- [MSCA - What's in it for Brazilian researchers and institutions?](#)
- Research organisations (public or private, academic or not) in LAC can host Marie Skłodowska-Curie Global fellows at their own institute. They are encouraged to **express their interest by posting a hosting offer** on the EURAXESS portal. Check how in our tutorial at [http://bit.ly/HowtoPost\\_HostingOffers](http://bit.ly/HowtoPost_HostingOffers)



European Research Council

**ERC**

(Conselho europeu de pesquisa)



# European Research Council

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## Starting Grants

(2-7 years after PhD)  
up to € 1.5 Mio  
for 5 years

## Consolidator Grants

(7-12 years after PhD)  
up to € 2.0 Mio  
for 5 years

## Advanced Grants

track-record of  
significant research  
achievements in the  
last 10 years  
up to € 2.5 Mio  
for 5 years

## Synergy Grants

2 – 4 Principal Investigators  
up to € 10 Mio for 6 years

# Additional ERC opportunities for Brazilians

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- Positions in teams funded by ERC (PhD, post-doc, researchers)

⇒ see vacancies on EURAXESS Jobs portal

- Short-term post-doc mobility in teams funded by ERC (Implementation arrangement EC-CONFAP)

⇒ calls open via CONFAP-CNPq



# Reminder: Horizon 2020 structure

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# Horizon Europe structure: The way ahead



## Pillar 1

Excellent Science

European Research Council

Marie Skłodowska-Curie  
Actions

Research Infrastructures



## Pillar 2

Global Challenges and  
European Industrial  
Competitiveness

Clusters

- Health
- Culture, Creativity and Inclusive Society
- Civil Security for Society
- Digital, Industry and Space
- Climate, Energy and Mobility
- Food, Bioeconomy, Natural Resources, Agriculture and Environment

Joint Research Centre



## Pillar 3

Innovative Europe

European Innovation Council

European innovation  
ecosystems

European Institute of  
Innovation  
and Technology

## Widening Participation and Strengthening the European Research Area

Widening participation and spreading excellence

Reforming and Enhancing the European R&I system



## WHAT'S NEW?



Support breakthrough innovation



Create more impact through mission-orientation and citizens' involvement



Reinforce openness



Rationalise the funding landscape



Reduce administrative burden



European Innovation Council

EU-wide R&I missions

Open science policy

New approach to Partnerships

Simpler rules



**The European Innovation Council:** one-stop shop to bring the most promising ideas from lab to real world application and support the most innovative start-ups and companies to scale up their ideas. It will provide direct support to innovators through two main funding instruments, one for early stages and the other for development and market deployment.



**EU-wide R&I missions:** ambitious, bold goals to tackle issues that affect our daily lives. Examples could range from the fight against cancer, to clean transport or plastic-free oceans. They will be co-designed with citizens, stakeholders, the European Parliament and Member States.



**Open Science** will become the modus operandi of Horizon Europe. It will go beyond the open access policy of Horizon 2020 and require open access to publications, data, and to research data management plans.



**A new generation of European Partnerships:** 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.



**Simpler rules:** This will increase legal certainty and reduce administrative burden for beneficiaries and programme administrators.



English EN

Search Search

Home > Research and Innovation > Strategy >

# Enhanced European Innovation Council (EIC) pilot

The Enhanced EIC pilot supports top-class innovators, entrepreneurs, small companies and scientists with bright ideas and the ambition to scale up internationally. It brings together the parts of Horizon 2020 that provide funding, advice and networking opportunities for those at cutting edge of innovation.

YOUR FEEDBACK

**Funding**

The Enhanced EIC pilot brings together funding opportunities for innovators. Discover what is available.


**Coaching**

The Enhanced EIC pilot offers coaching and mentoring services to SMEs. The right coaching can be the key to the growth of a business.

**Networking**

Networking services are available to SMEs through the Enhanced EIC pilot. Find the right network to help your business grow.

# European Innovation Council Pilot

go back to start 

Find the right funding instrument

1

You are :

...

2

Process stage :

...

3

Partnership :

...



## Tell us who you are



An individual innovator, not affiliated with a university, a research institute or a company



A start-up or a small to medium sized-enterprise\*



A research organisation or a university



A larger company \*\*

\* An enterprise which employs fewer than 250 persons and which has an annual turnover not exceeding 50 million euro, and/or an annual balance sheet total not exceeding 43 million euro. A firm that is part of a larger group may need to include data from that group, too.

\*\* An enterprise which is not an SME.



# Useful links regarding business and innovation

- [Enterprise Europe Network](#);
- [Practical guide to doing business in Europe](#);
- [Internal Market, Industry, Entrepreneurship and SMEs in Europe](#);

### Legislation and standards

- [CE marking](#)
- [REACH](#)

European standards:

Products

Conformity assessment bodies (NANDO):

Countries

### Tools and support

[Calls for tenders](#) [Calls for proposals](#)

- [Your Europe for citizens](#)
- [Your Europe for businesses](#)
- [Enterprise Europe Network](#)
- [SOLVIT – your EU rights](#)
- [COSME – support and funding for SMEs](#)

Your Europe > Business Life and travel >

## Practical guide to doing business in Europe

Running a business	Taxation	Selling in the EU	Human resources
<a href="#">Intellectual property</a>	<a href="#">Excise duties</a>	<a href="#">Public contracts</a>	<a href="#">Employment contracts</a>
<a href="#">Developing a business</a>	<a href="#">VAT</a>	<a href="#">Selling goods and services</a>	<a href="#">Working hours, holiday and leave</a>
<a href="#">Start-Ups</a>	<a href="#">Business tax</a>	<a href="#">Competition between businesses</a>	<a href="#">Transport sector workers</a>
			<a href="#">Posted workers</a>

## Helping companies innovate and grow international



### International partnerships

Expertise, contacts and events to connect you with the right international partners to grow your business.



### Advice for international growth

Expert advice for growth and expansion into international markets.



### Support for business innovation

Solution-driven services to help you turn your innovative ideas into international commercial successes.

# EURAXESS



JOBS &  
FUNDING

CAREER  
DEVELOPMENT

PARTNERING

INFORMATION  
& ASSISTANCE

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WORLDWIDE

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REGISTER



## How can we help you?

I am

Please select



I want

Please select



SEARCH

# Welcome

# Jobs Database: [euraxess.ec.europa.eu/jobs/search](http://euraxess.ec.europa.eu/jobs/search)

Search for jobs

Enter keywords

RESEARCH FIELD

RESEARCHER PROFILE

SECTOR

COUNTRY

EUROPEAN RESEARCH PROGRAMME

SEARCH NEED HELP?

- Higher Education Institute (3001)
- International / Intergovernmental Organisation (30)
- Large Company (117)
- Other (850)
- Private with public mission (42)
- Public Research Institution (1218)
- Research Laboratory (190)
- Small Medium Enterprise, Start-up (48)

18%

Available Offers (5496)



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CAREER DEVELOPMENT

PARTNERING

INFORMATION & ASSISTANCE

EURAXESS WORLDWIDE

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## Discover: careers beyond academia

Find out more about possibilities and options for careers in other sectors

View

Revisions

BEYOND ACADEMIA

SECTOR INFORMATION

JOB & COMPETENCIES

PLAN YOUR CAREER

CAREER STORIES

[BACK TO FOR RESEARCHERS](#)

41%

## Introduction

# Labor Market Information per sector

## WHAT?

**Agriculture-** "is the science, art, or practice of cultivating the soil, producing crops, and raising livestock."

**Forestry-** "is the management of trees and other vegetation in forests."

**23,000,000 jobs in Europe**



Generate a combined 847 billion annually.



France

Has the strongest agricultural sector in the European Union accounting for 17% of all agricultural output.



Italy

Has the second strongest Agricultural sector in Europe accounting for 13% of all agricultural output.



Sweden

Is the largest forestry product producing country in the world (tied with Canada).



Finland

Forestry industries make up about 5% of Finland's GDP and about 20% of its exports.

## WHAT?

**Health care-** "The health care sector is comprised of human health activities, residential care activities (including long-term care), and social work activities."

Europe has one of the world's fastest aging and shrinking populations.



The sector will account for 3.2% of European GDP by 2050.



Switzerland

Switzerland spends the highest percentage of GDP on healthcare (around 11.4%) in Europe.



Sweden

In Sweden, health care coverage is universal and automatic. The sector account for 11% of Swedish GDP and constitutes about 16.7% of total employment in the country.



Germany

As health insurance is mandatory for all citizens and permanent residents of Germany the country is the third largest in the world in terms of the provision of health care products and services.

## WHAT?

**Manufacturing-** "loosely encompasses the production of goods using machinery."

**33,000,000 jobs in Europe**



Accounts for 15% of European GDP.



Poland

Poland is the 16th largest manufacturer in the world and rising fast. Poland accounts for 1% of global manufacturing.



Slovakia

Slovakia is the fastest growing economy in Europe which can be attributed to its growing manufacturing sector.



The Czech Republic

The Czech republic also has one of Europe's fastest growing economies a large part of which can be attributed to its large and rapidly growing manufacturing sector.

# Partnering tool

Find Members

Enter keywords

RESEARCH FIELD

RESEARCHER PROFILE

COUNTRY

COLLABORATION WITH INSTITUTIONS

COLLABORATION WITH RESEARCHERS

SEARCH

NEED HELP?

- Co-found a startup (59)
- EU funded grant (ERC/Marie Skłodowska-Curie, for hosting) (279)
- Experience in EU funded projects (e.g. H2020) (377)
- Find a partner for a startup (116)
- International Experts for national recruitment selection panels (OTM Recruitment) (132)
- Joint Research Projects/Agreements/Partnerships (with EU funding) (634)

NEED HELP?  
18%

# Information and assistance: more than 650 people to help you and your family



European Commission › EURAXESS › Information & Assistance

## EURAXESS



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### LIVING IN EUROPE

Access to the culture of the host country/language courses

Accommodation

Banking

Day care, schooling & family related issues

Departure conditions/formalities

Entry conditions/visas

Health insurance

Medical care

### WORKING IN EUROPE

Career Development

Intellectual Property Rights (IPR)

Pension for Researchers

Recognition of diplomas

Taxation/salaries

Unemployment

Work Permit

### LEAVING EUROPE

Departure conditions/formalities

Job Opportunities

Funding Opportunities

EURAXESS Worldwide

FIND INFORMATION ›

FIND PERSONALISED ASSISTANCE ›



View

Revisions

31%

# EURAXESS Brazil & LAC - How do we work?

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## 1. Provide information



Website & social media



## Publications

(Guides on MSCA, on ERC, list of funding opportunities, interviews, tutorials)



## Presentations and events

## 2. Support individual researchers and institutions



# Tools beyond EURAXESS that can be useful

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- [www.openaire.eu](http://www.openaire.eu)
  - Training on implementing open science
  - Services for researchers
  - Open science policies
- [www.numbeo.com](http://www.numbeo.com)
  - Crowdsourced cost of living information in 9000 cities in the world
  - Food, transportation, utilities, childcare, apartment rent, etc.
  - Compare tool
  - Comparison (index) of healthcare, crime, pollution, traffic, ..
  - Travel fares

# A current opportunity: Falling Walls

- [Falling Walls Lab in Belo Horizonte](#) with EURAXESS extra prize: 15 candidates in the Brazilian stage
- [Falling Walls Venture](#): 25 start-ups worldwide

**GREAT MINDS** **3**  
**MINUTES**  
**1 DAY**

**APPLY NOW!**  
falling-walls.com/  
lab/apply

BE PART OF THE FALLING WALLS LAB  
BELO HORIZONTE ON 23 SEPTEMBER 2019

SHARE YOUR IDEA, WIN A TRIP TO BERLIN,  
GERMANY

**FALLING WALLS  
SCIENCE START-UP  
OF THE YEAR 2019**

**8/9 NOVEMBER | BERLIN**

**WIN A TRIP TO BERLIN AND  
JOIN FALLING WALLS VENTURE**

# EURAXESS supports your mobility projects

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