



# Education opportunities Erasmus+ and H2020

## II EU-Latin America Dialogue on Raw Materials

23 September 2015  
Cartagena de Indias

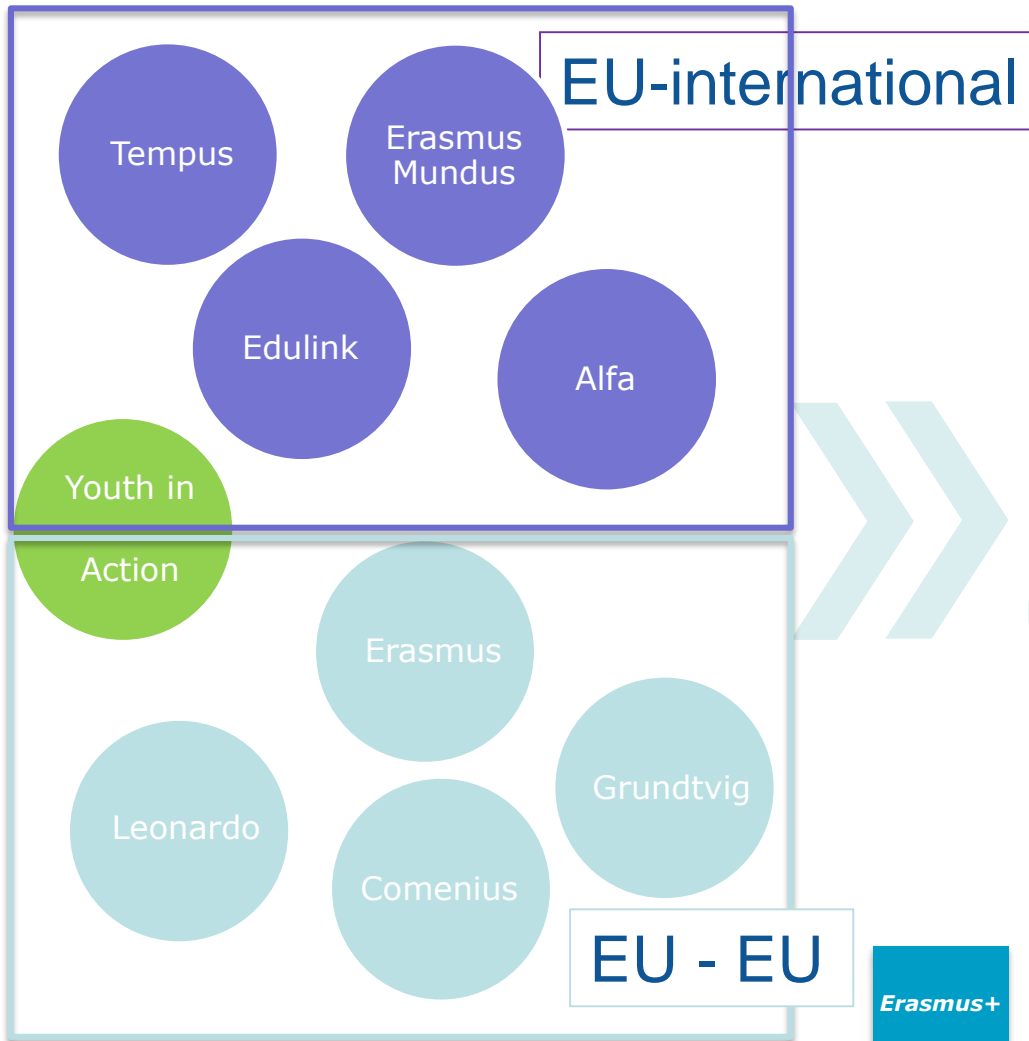


# What is Erasmus+ ?

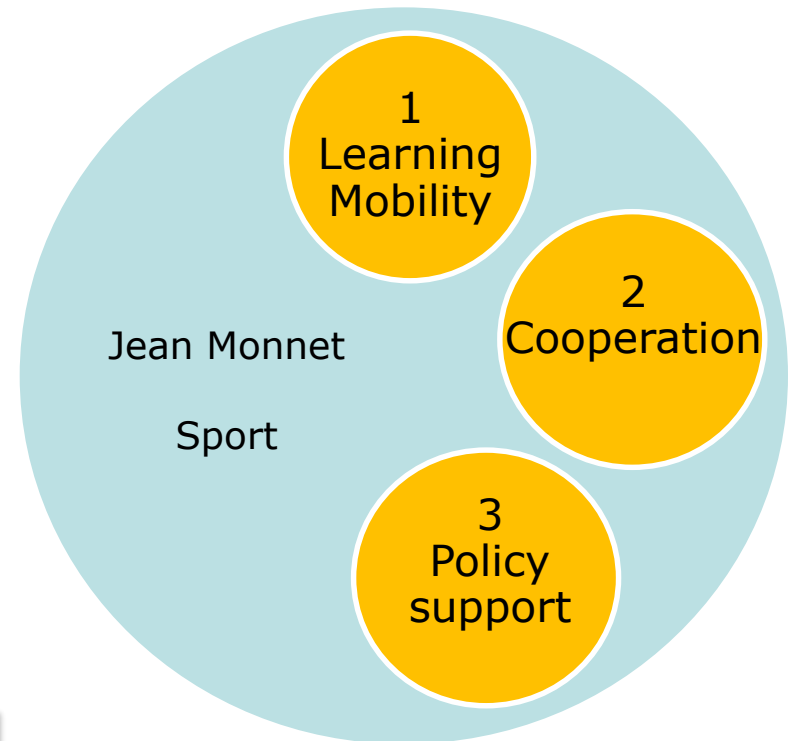
- The EU's programme to support education, training youth and sport
- Funding for programmes, projects and scholarships
- Fosters EU-EU and EU-international cooperation

2007-2013

2014-2020



**ERASMUS+**



# International cooperation between Programme Countries & Partner Countries

## Programme Countries

### **EU Member States:**

Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, United Kingdom

### **Other programme countries:**

Iceland, Liechtenstein, Norway, former Yugoslav Republic of Macedonia, Turkey.

## Partner Countries

**All other countries  
throughout the world**

# Higher education opportunities for HE institutions from Partner Countries

- ✓ Credit mobility
- ✓ Joint Master Degrees
- ✓ Capacity Building for Higher Education
- ✓ Jean Monnet activities



**Credit  
mobility**

## Credit mobility in brief

- Short-term studies abroad that count to a degree back home
- International opening of Erasmus
- International strand to fund 135,000 scholarships for mobility with partner countries (2014-2020)
- Mobility for Bachelor, Master and Doctoral students – and for staff

# Credit mobility: how does it work?

- Managed by Erasmus+ National Agencies in Programme Countries
- Individual higher education institutions (HEIs) set up inter-institutional agreement(s)
- Agreement sets framework for sending and hosting students and staff
- 3 – 12 months for students
- 1 week – 2 months for staff
- 2 to 12 months for traineeships (from 2016 for partner countries)



# Credit mobility: how to apply?

- International mobility agreements between Programme and Partner Countries
- Only Programme-Country HEIs can apply to their National Agency to manage mobility agreements
- Partner-Country HEIs should strengthen their links with HEIs in Programme Countries to get involved

# Joint Master Degrees



# Joint Master Degrees in brief

- Continuation of Erasmus Mundus Masters Courses
- Excellent Joint Master courses offered by consortia of HEIs from Programme and Partner Countries to attract best students worldwide through high level scholarships
- 350 Joint Master Degree courses to be selected, 2014-2020
- Expected to fund 30,000 students and staff over 7 years

# Joint Master Degrees structure

- offer an integrated study programme, fully recognised in the countries participating
- require study in at least two of the Programme Countries represented in the consortium
- can last 12 – 18 – 24 months (60 – 90 – 120 ECTS)
- lead to the award of a double, multiple or joint degree to all successful students
- award full-study scholarships for students from all over the world

# Joint Master Degrees: how do they work?

- Minimum consortium of 3 HEIs from different Programme Countries
- HEIs from Partner Countries can take part
- Funding for three annual intakes of students and guest academics, covering
  - **Total costs of students scholarships**
  - **Annual flat-rate fee for management and guest academic costs**

## Joint Master Degree scholarships

	<b>Students from partner countries</b>	<b>Students from programme countries</b>
<b>Contribution to participation costs</b>	<b>up to 9.000 EUR per year</b>	<b>up to 4.500 EUR per year</b>
<b>Contribution to travel costs</b>	<b>2.000 EUR per year if residence is less than 4.000 km from EMJMD coordinator</b>  <b>3.000 EUR per year if residence is 4.000 km or more from EMJMD coordinator</b>	<b>1.000 EUR per year</b>
<b>Contribution to installation costs</b>	<b>1.000 EUR</b>	<b>-</b>
<b>Living allowance (max 24 months)</b>	<b>1.000 EUR per month</b> (not when in country of residence, and max. 3 months in any partner country)	<b>1.000 EUR per month</b> (not when in country of residence)

# Joint Master Degrees: how to apply

- Annual Calls for Proposals issued by EU
- Programme-Country institutions may submit a proposal on behalf of an international consortium
- Proposals assessed by experts on basis of relevance, quality of design, quality of team, impact and dissemination
- Apply direct to EACEA:

[http://eacea.ec.europa.eu/erasmus-plus/funding\\_en](http://eacea.ec.europa.eu/erasmus-plus/funding_en)



# Capacity Building for Higher Education







To be  
launched in  
next Call for  
Proposals

# Capacity-building for higher education: objectives

Build capacity and help modernise higher education institutions in Partner Countries, to ensure a structural, long-lasting impact

- Support modernisation & internationalisation
- Improve quality
- Improve the level of competences and skills
- Enhance management, governance in HEIs
- Promote people-to-people contacts, intercultural understanding
- Voluntary convergence with EU HE policy developments

# Capacity-building: continuing the work of former programmes

**Before 2014**



**Erasmus+  
2014-2020**

Tempus  
ALFA  
Edulink  
*Asia-Link\**

Capacity-building  
projects

# Capacity-building for higher education in brief

- 1. Joint Projects:** New curricula, joint degrees, learning and teaching methodologies, staff development, quality assurance, governance, Bologna tools
- 2. Structural Projects:** Reforms at national level with the support of the authorities in the Partner Countries (policy modernisation, Bologna policies, governance and management of higher education systems...)

# Capacity-building for higher education

- Partner Countries: Southern Mediterranean, Eastern Europe, Western Balkans, Russia, Asia & Central Asia, Latin America, Africa, Caribbean, Pacific (ACP)
- Projects for Southern Mediterranean, Eastern Europe and Western Balkans countries may include an additional mobility component
  - **for students and staff, to and from Programme Countries and between Partner Countries**
  - **same rules as for credit mobility (max 12 months)**

# Capacity-building for higher education: how does it work?

- Projects of 2 or 3 years
- Projects run by consortium of institutions
- Consortium must include Programme Countries and Partner Countries
- Project can be coordinated by an institution from a Programme or a Partner Country

# Capacity-building for higher education: how to apply

- Annual Calls for Proposals issued by EU
- Proposals assessed by experts on basis of relevance, quality of design, quality of team, impact and dissemination
- Applications may be from an institution in a Partner or Programme Country
- Apply direct to EACEA:

[http://eacea.ec.europa.eu/erasmus-plus/funding\\_en](http://eacea.ec.europa.eu/erasmus-plus/funding_en)

# Jean Monnet Activities



# Jean Monnet in brief

Focus on EU studies to promote excellence in teaching and research on the European integration process in various disciplines

Objectives:

- Equip students and young professionals with knowledge of EU subjects
- Stimulate teaching and research on the European Union
- Foster dialogue between the European Union and the world in higher education



# Jean Monnet: how does it work?

Project grants to promote excellence through:

- Teaching and research (Modules, Chairs, Centres of Excellence)
- Policy debate with academic world (Networks, Projects)
- Support to activities of institutions or associations

# Jean Monnet: how to apply?

- Annual Calls for Proposals issued by EU
- Applications may be from an institution in any country of the world
- Only one applicant institution but informal involvement of partner institutions is possible (particularly for networks)
- Proposals assessed by experts on basis of relevance, quality of design, quality of team, impact and dissemination
- Apply direct to EACEA:

[http://eacea.ec.europa.eu/erasmus-plus/funding\\_en](http://eacea.ec.europa.eu/erasmus-plus/funding_en)

# **Key Action 3: policy support in brief**

## **Not implemented through projects**

- Network of Higher Education Reform Experts
- Events, studies, peer learning at international level
- Worldwide alumni association
- Promotion of European HE abroad (Fairs, website)

## **No Calls for Proposals**

# More information:

## Information on Erasmus+

[http://ec.europa.eu/programmes/erasmus-plus/index\\_en.htm](http://ec.europa.eu/programmes/erasmus-plus/index_en.htm)

## Information on Erasmus+ funding opportunities

[http://eacea.ec.europa.eu/erasmus-plus/funding\\_en](http://eacea.ec.europa.eu/erasmus-plus/funding_en)





# Other opportunities



# Interested in doctoral programmes?

- Marie Skłodowska Curie Actions (MSCA) will provide new joint doctoral programmes from 2014 onwards with fellowships
- MSCA also offers individual research grants  
<http://ec.europa.eu/msca>
- Erasmus Mundus Joint Doctorate Programmes will continue to select doctoral candidates up to 2017  
[http://eacea.ec.europa.eu/erasmus\\_mundus/results\\_compendia/selected\\_projects\\_action\\_1\\_joint\\_doctorates\\_en.php](http://eacea.ec.europa.eu/erasmus_mundus/results_compendia/selected_projects_action_1_joint_doctorates_en.php)





# HORIZON 2020

**The New EU  
Framework  
Programme for  
Research and  
Innovation**



HORIZON 2020

# The Multiannual Financial Framework 2014-2020

## European Council Conclusions - 8/02/2013

**Key challenge:** stabilise the financial and economic system while taking measures to create economic opportunities

### 1. Smart & inclusive growth (€ 451 billion)



### 2. Sustainable growth, natural resources (€ 373 billion)

### 3. Security and citizenship (€ 16 billion)

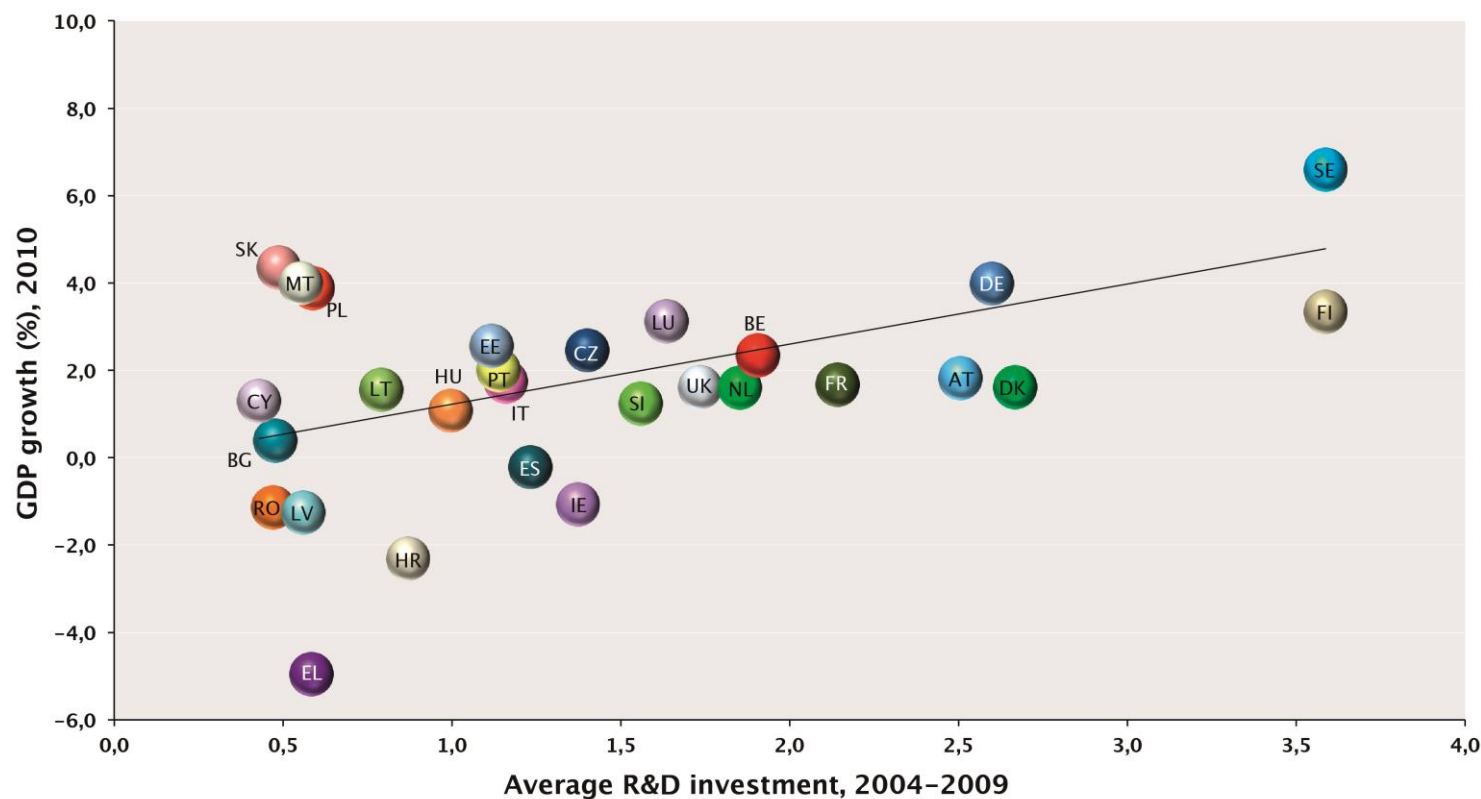
### 4. Global Europe (€ 58 billion)

### 5. Administration (€ 61.6 billion)

**TOTAL**  
**€960 billion**



# Investment in R&D is part of the solution to exit from the economic crises



Source: DG Research and Innovation - Economic Analysis Unit  
Data: Eurostat

Notes. (1) Greece: average R&D intensity refers to 2004-2007.  
(2) Denmark, Portugal, Slovenia, Sweden: Break in series between 2004-2009.

# What is HORIZON 2020?

- **Research and innovation funding programme**
- **€ 80 billion: now just over €70 billion (79 billion in current prices including inflation)**
- **A core part of Europe 2020, Innovation Union & European Research Area:**
  - **Responding to the economic crisis to invest in future jobs and growth**
  - **Addressing people's concerns about their livelihoods, safety and environment**
  - **Strengthening the EU's global position in research, innovation and technology**



# Single Programme

- **Coupling research to innovation** – from research to retail, all forms of innovation
- **Focus on societal challenges facing EU society**, e.g. health, clean energy and transport
- **Simplified access**, for all companies, universities, institutes in all EU countries and beyond

## THREE PRIORITIES



# Priority 1. Excellent science

Why:

- World class science is the foundation of tomorrow's technologies, jobs and wellbeing
  - Europe needs to develop, attract and retain research talent
- Researchers need access to the best infrastructures

## Priority 2. Industrial leadership

Why:

- Strategic investments in key technologies (e.g. advanced manufacturing, micro-electronics) underpin innovation across existing and emerging sectors
  - Europe needs to attract more private investment in research and innovation
  - Europe needs more innovative small and medium-sized enterprises (SMEs) to create growth and jobs

## Priority 3. Societal challenges

Why:

- Concerns of citizens and society/EU policy objectives (climate, environment, energy, transport, etc.) cannot be achieved without innovation
- Breakthrough solutions come from multi-disciplinary collaborations, including social sciences & humanities
  - Promising solutions need to be tested, demonstrated and scaled up

# International Cooperation

International cooperation is crucial to address many Horizon 2020 objectives

- **Principle of general openness:** the programme will remain to be the most open funding programme in the world
- **Horizon 2020 open to the association of:** acceding countries, candidate countries and potential candidates and selected international partner countries that fulfil the relevant criteria (capacity, track record, close economic and geographical links to the Union, etc.)
- **Targeted actions** to be implemented taking a strategic approach to international cooperation (dedicated measures in the 'Inclusive, innovative and secure societies' challenge)





# HORIZON 2020



Thank you for your attention!

[www.ec.europa.eu/horizon2020](http://www.ec.europa.eu/horizon2020)