



Bridging Business, Research and Higher Education

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1. Context

Why:

- Europe 2020 priorities: boost **competitiveness** and support the creation of **jobs** and new sources of **growth**
- Strengthening the **knowledge triangle** is crucial for **excellence** and economic development
- Close and effective links between education, research and business should:
 - ✓ Boost **entrepreneurship** culture in Europe
 - ✓ Stimulate innovation **skills** and **employability** of graduate students and researchers
 - ✓ Enhance **knowledge transfer** and **exploitation** of the potential for marketable products and services



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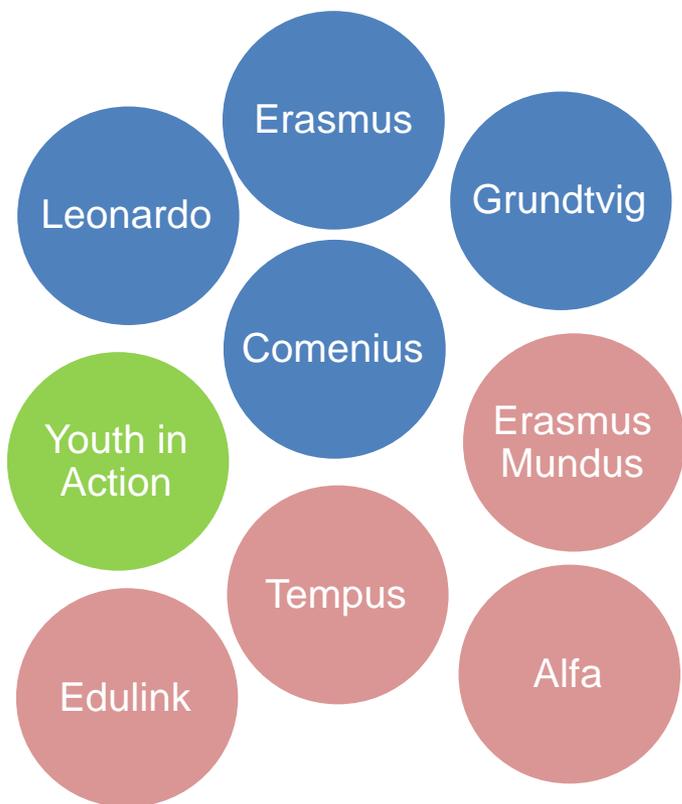
2. Erasmus+

Towards a single integrated system

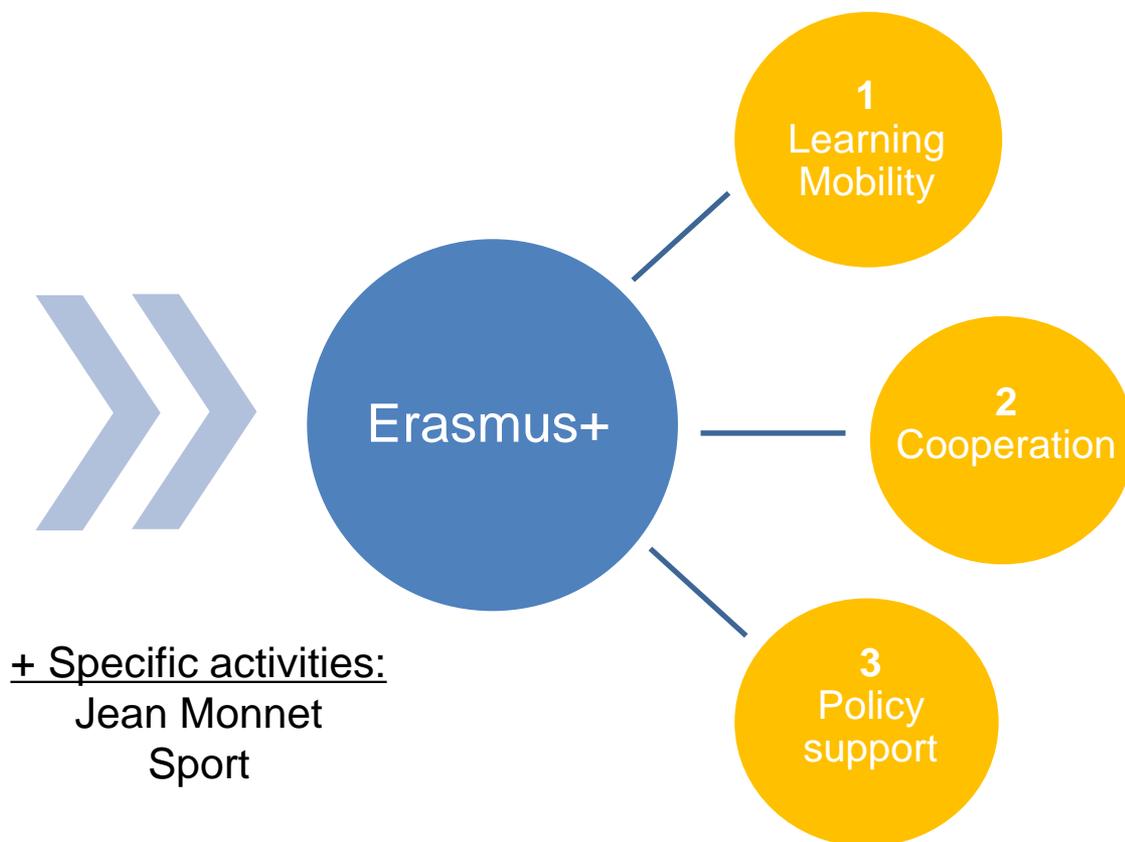


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2007-2013



2014-2020





Cooperation for innovation and best practices

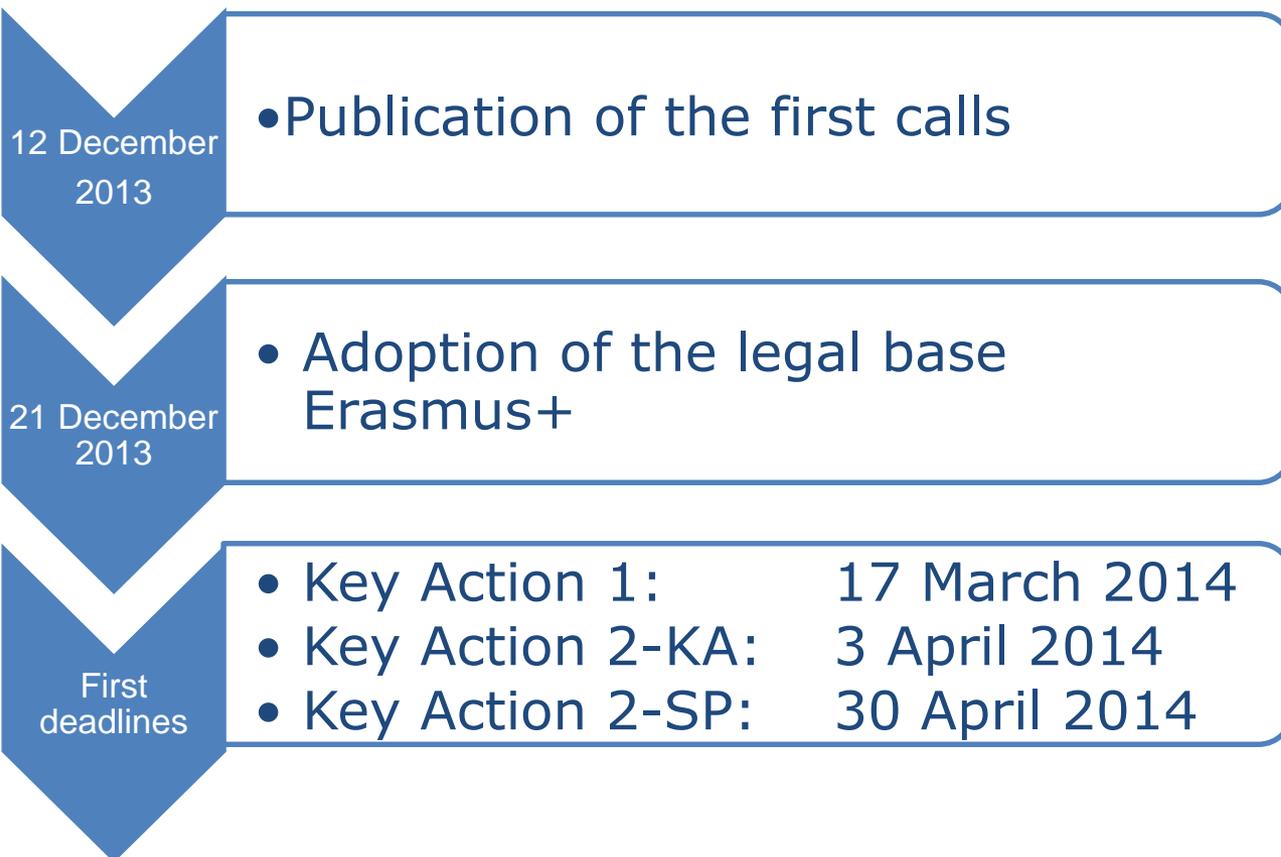
- ⇒ **Strategic partnerships** between education/training or youth organisations and other relevant actors
- ⇒ Large scale structured partnerships between education and training establishments and business:
Knowledge Alliances & Sector Skills alliances
- ⇒ **IT-Platforms** incl. e-Twinning
- ⇒ **Capacity building with Partner countries** and focus on neighbourhood countries

MORE cooperation for
more INNOVATION
28% of total budget

- **20,000** Strategic Partnerships
- **150** Knowledge Alliances
- **1000** Capacity Building Projects



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3. European Institute of Innovation and Technology

How does the EIT work



- EIT created in 2008
- Full integration of all three sides of the Knowledge Triangle through **Knowledge and Innovation Communities (KICs)**
- Three KICs launched in 2010, each led by a CEO, setting business plans with measurable deliverables



Climate change
mitigation and
adaptation



Information and
Communication
Technologies



Sustainable
energies

EIT – First results



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More than 1000
students

108 start-ups
created

404 business ideas
incubated

89 new products,
services and
processes launched



- Part of Horizon 2020 (alignment of priorities, developing synergies)
- Funding: EUR 2.7 billion
- Strategic Innovation Agenda (SIA) for EIT priorities in 2014-2020
- Main principles: consolidation of existing KICs and creation of new KICs

2014

- Raw materials
- Healthy living and active ageing

2016

- Food4future
- Added value manufacturing

2018

- Urban mobility



14 February 2014

- Publication of the 2014 Call for KICs

14 March 2014

- Information Day for applicants in Budapest

10 September 2014

- Close of the 2014 call for KICs (at least 6 months after launch of the call)

09 December 2014

- Designation of new KICs by EIT GB



4. Marie Skłodowska-Curie actions

MSCA



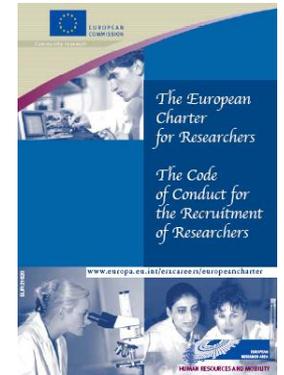
Excellence

Research

Training

Skills

Mobility



MSCA objectives



- Focus on delivering **new knowledge and skills**
- Providing excellent opportunities for **career development** in research and innovation
- Attracting and retaining **research talent**
- Promoting **international and inter-sector collaboration** and transfer of knowledge
- Developing state-of-the-art, **innovative training schemes**, consistent with the highly competitive and increasingly interdisciplinary requirements of R&I

Budget 2014-2020: 6 162 million € (current prices)

€800 million granted in 2014 Marie Skłodowska-Curie calls

Key features



- Open to **all domains of research and innovation** from basic research up to market take-up and innovation services (**bottom-up**)
- Participation of **non-academic sector strongly encouraged**, especially industry and SMEs
- **All MSCA are open** to the participation of the **non-academic sector**
- **Mobility** as the key requirement - funding on condition participants move from one country to another
- Promotion of attractive **working and employment conditions**
- Particular attention to **gender** balance
- **Public engagement** of supported researchers



2014-2020

- ✓ ~ 65.000 researchers to be supported, including 25.000 PhD candidates
- ✓ ~ 200.000 scientific publications in high impact peer-reviewed journals
- ✓ ~ 1.500 patent applications
- ✓ ~ 100 spin-offs created
- ✓ ~ 350-400 new regional / national / international programmes to be created targeting international and intersectoral training, and career development of research and innovation staff



Thank you for your attention

More information:

http://ec.europa.eu/programmes/erasmus-plus/index_en.htm

<http://eit.europa.eu/>

<http://ec.europa.eu/research/mariecurieactions/>