

ERASMUS MUNDUS

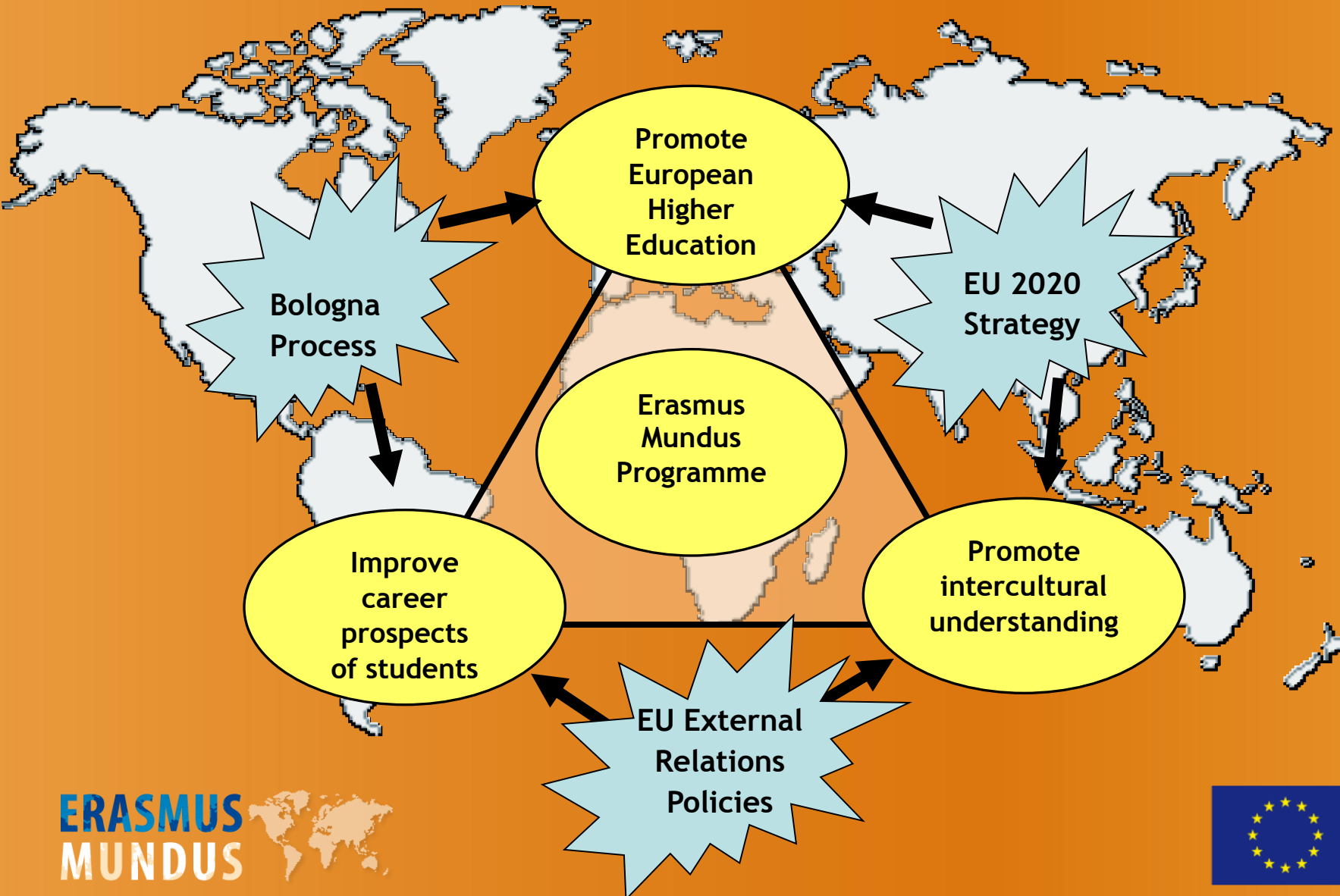


A European model for Joint Doctoral Programmes

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Policy context & programme aims



Erasmus Mundus – three actions

ACTION 1:

Erasmus Mundus Joint Master Courses
Erasmus Mundus **Joint Doctorates**

ACTION 2:

Erasmus Mundus Partnerships

ACTION 3:

Projects to promote higher education cooperation between Europe and the rest of the world (e.g. CODOC - Cooperation on Doctoral Education between Africa, Asia, Latin America and Europe - 2010)

Scholarships

for students
(**bachelor to post-doc.**) and staff
(teaching and administrative)

2009-2013 Budget: 1.2 billion euros

Doctoral Education in EM Action 1 and 2

ACTION 1 Joint Programmes	ACTION 2 Partnerships
Limited size consortia (5 to 6 partners – univ. / research org.)	Large size partnerships (up to 20 Univ. – mainly non EU)
Raising the Quality/international attractiveness of EUR Univ. at PhD level) and designing new models of PhD programmes	Addresses the development needs of non-EU countries at PhD level
New international integrated postgraduate programmes	Existing national (Eur or non Eur) programmes
EM full fellowships for European and non-European doctoral candidates	EM partial and full fellowships for European and non-European doctoral candidates (mainly)
Mobility in at least 2 EU countries	Mobility home (non EU) to host univ. (EU)
Duration: 36-48 months	Duration: 6-36 months
Fully recognised double, multiple or joint degrees awarded by the Consortia with Diploma Supplement	National degree by the home or the host university – Diploma supplement is recommended.

EM Action 1 Joint Programmes

2004-2011:

- Over 12,000 masters students, 2,000 academics and 350 doctoral scholarships awarded (95% non Eur.)
- 165 EM Joint Programmes
 - 131 joint master courses
 - 34 joint doctoral programmes
- 724 EU universities and 207 non-EU

EM Action 2: Partnerships (1)

2007-2011:

- 160 partnerships selected
- 317 EU and 691 non-EU universities involved
- Around 23,000 individual scholarships awarded

2007-2009 doctoral scholarships

- 2677 doctoral candidates supported (531 EU / 2146 non EU)
- Up to 10 months mobility for 1002 Doctoral Candidates
- 11 - 34 months mobility for 1675 Doctoral Candidates

Erasmus Mundus Action 1 b Joint Doctoral programmes

EM Action 1 Joint Programmes at Doctoral Level (EMJDS)

- First call in 2009
- Based on the EM masters model and on the experience of Marie Curie fellowship
 - Marie Curie is focused on individual research
 - EMJDs puts more emphasis on **structured inter-university cooperation** models and on the implementation of integrated joint doctoral programme
- Double objective
 - Shape doctoral studies in the EHEA (promoting innovative models of joint governance between the HEIs, research and professional sectors)
 - Support researchers from EUR and non-EUR countries in a framework of excellence

Innovative doctoral training: 8 key principles

1. Excellence of research
2. Attractive Institutional environment
3. Inter and multi-disciplinary research options
4. Exposure to relevant employment sectors
5. International networking
6. Training in transferable (/transversal) skills
7. Organised around doctoral (/graduate) schools
8. Quality assurance, commitment and accountability for the complete “life cycle”

WHAT IS AN EMJD ? (1)

- A three to four years **integrated** postgraduate programme at doctorate level,
- Delivered by a consortium of univ. representing **at least 3 different European countries**,
- Including if relevant, **non European universities** (/research centers)
- Including **mandatory mobility periods** in at least 2 of the consortium countries,
- Organised around **doctoral** (/postgraduate) **schools**

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WHAT IS AN EMJD ? (2)

- Including a **mandatory training component**
- Leading to the award of fully recognised double, multiple or **joint degrees**,
- Offering EM **fellowships** to Eur. and non-Eur. doct. candidates, enrolled under employment contracts
- Following the recommendations of « *The European Charter for Researchers* » and « *The Code of Conduct for the Recruitment of Researchers* »

What is the EMJD added value ?

EMJDs constitute a link between the European Higher Education Area (EHEA) and the European Research Area (ERA) by:

- Contributing to shaping models of Doct Studies in the EHEA
- Offering young researchers a framework of excellence embedded in an institutional environment
- Acting in the center of the knowledge triangle between academia, research and industry (/business)
- Increasing the visibility / attractiveness of Eur. doct. studies
- Providing a global access to EU doct. studies through fellowships for excellent doctoral candidates (EU and non EU)

EMJD : Financial support (lump sums / flat rates only)

Contribution to EMJD running costs		€ 50 000 / EMJD edition (/cohort)	
3 years Doctoral Fellowship		Category A	Category B
I	Travel, installation and other personal costs	€ 7 500	€ 3 000 (if mobility to a third-Country partner)
II	EMJD participation costs	<ul style="list-style-type: none"> •€ 300 per month (€ 10 800 for 36 months) for non-laboratory-based EMJDs or • € 600 per month (€ 21 600 for 36 months) for laboratory-based EMJDs 	
III	Fixed living allowance (36 months in total)	<ul style="list-style-type: none"> •€ 2 800 per month (i.e. € 100 800 for 36 months) for an employment contract •€ 1 400 per month (i.e. € 50 400 for 36 months) for a stipend 	
Maximum fellowship amount		Between EUR 61 200 and EUR 129 900 (depending on category, lab., or type of recruitment)	

EMJD key figures

- First selection in 2009
- First mobility started in 2010
- 34 EMJD selected by 2011
- 346 EM Doctoral candidates by 2011
 - 94 EU Doctoral candidates
 - 252 NEU Doctoral Candidates
- Approximately 5 M€ / EMJD
(including 5 cohorts of 8 to 10 fellowships)

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Some EMJD Examples

ALGANT-DOC - Algebra, Geometry and Number Theory Joint Doctorate SOC

DCGC - Doctoral Programme in Cultural and Global Criminology

EGS-ABG – European Graduate School in Animal Breeding and Genetics

EMJD-DC - Joint Doctorate in Distributed Computing

ENC Network - European Neuroscience campus network

ETeCoS3 - Environmental Technologies for Contaminated Solids, Soils and Sediments

MoveAge - Prevention of mobility loss with ageing

NanoFar - European Doctorate in nanomedicine and pharmaceutical innovation

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EM 2012 Annual Calls for Proposals

One Call, three actions

- Next Call launched December 2011
- Deadline for proposals: 30 April 2012
- Targets:
 - Action 1 : Up to 30 Masters and 10 Doctorates
 - Action 2 : 50 Action 2 Partnerships (6 with Latin America)
 - Action 3: 6 Projects
- Selection to be completed by July 2012

More information on EM

EACEA website

- http://eacea.ec.europa.eu/erasmus_mundus/index_en.php

Selected projects

- http://eacea.ec.europa.eu/erasmus_mundus/results_compendia/selected_projects_en.php

Overall Statistics

- http://eacea.ec.europa.eu/erasmus_mundus/results_compendia/statistics_en.php

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