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Taipei 7 March 2011

EU policies and programmes in the Field of Higher Education Cooperation

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European HE - political context

European HE - political context

➢ **Bologna Process**

➢ **Education and Training 2020**

➢ **EU 2020 Strategy (2010-2020)**
    ➢ **Youth on the Move**
    ➢ **New skills for new jobs**

➢ *Lisbon Strategy (2000-2010)*

Bologna Process - key features

➢ **Bologna Declaration (1999)**

➢ **European Higher Education Area by 2010**

➢ **27 countries (1999), 47 signatories (2010)**

Bologna Process - key objectives

➢ **Comparability**

➢ **Mobility**

➢ **Quality**

Bologna Process - key achievements

Comparability

3-cycle degree structure (B-M-D) adopted by 95% of universities (82% in 2007)

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Bologna Process - key achievements

Mobility

ECTS used by 90% of HEIs (75% in 2007)

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Bologna Process - key achievements

Quality

28 countries have reviewed their QA systems (2005 European Guidelines)

77% of HEIs have reviewed their curricula (teaching quality + student-centred learning)

Bologna Process - ECTS

The European Credit Transfer and Accumulation System (ECTS):

➢ **makes teaching and learning more transparent**
➢ **facilitates the recognition of studies (formal, non-formal and informal)**
➢ **is used across Europe for credit transfer (student mobility) and credit accumulation (learning paths towards a degree)**
➢ **informs curriculum design and quality assurance**

➢ **Credit transfer and accumulation are helped by the use of the ECTS key documents (course catalogue, learning agreement, and transcript of records) as well as the <u>Diploma Supplement</u>**

Bologna Process - ECTS

- Institutions which apply ECTS publish their course catalogues on the web, including detailed descriptions of study programmes, units of learning, university regulations and student services

- Course descriptions contain learning outcomes (what students are expected to know, understand and be able to do) and workload, expressed in terms of credits

- In most cases, student workload ranges from 1500 to 1800 hours per academic year, and 1 credit corresponds to 25-30 hours of work

Bologna Process - ECTS

➢ **ECTS can feed into recognition decisions, which however remain the responsibility of the competent authorities: professors involved in student exchange, university admission officers, recognition advisory centres (ENIC-NARIC), ministry officials or employers**

➢ **Institutions which apply ECTS or the DS in an exemplary manner can apply for the ECTS or DS Label**

➢ **The European Commission is helping universities to use ECTS correctly through the provision of guidance materials, by establishing and supporting a network of Recognition Experts and through the development and implementation of the ECTS and DS labels**

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Bologna Process - ECTS

Further information:

ECTS Key Features
+
ECTS Users' Guide

http://ec.europa.eu/education/lifelong-learning-policy/doc48_en.htm

Bologna: http://www.ehea.info/

Bologna Process - key challenges

- Mobility (visas, languages, calendars)

- Employability

- Funding (staff, facilities)

- Links with research

- Data collection + communication

Bologna Process - 10th anniversary

- ➢ **Official launch of EHEA - 11 & 12 March 2010**
- ➢ **Bologna Policy Forum (non-members)**
- ➢ **Intensify policy dialogue + co-operation with partners**

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EU 2020 Strategy

EU 2020 Strategy - key features

- ➢ **Launch - 3 March 2010**

- ➢ **7 flagship initiatives**

- ➢ **5 headline targets**

- ➢ **Indicators to measure progress**

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EU 2020 Strategy - flagship initiatives

- ➢ **Industrial policy for globalisation**
- ➢ **Resource efficiency**
- ➢ **Digital agenda**
- ➢ **Innovation Union**
- ➢ **Youth on the Move**
- ➢ **New skills and jobs**
- ➢ **Platform against poverty**

EU 2020 Strategy - flagship initiatives

Innovation Union

EU GDP spend on R&D (2%) lags that of US (2.6%) and Japan (3.4%)

➢ **Increase to 3% by 2020**

Strengthen links between education, business research and innovation

EU 2020 Strategy - flagship initiatives

News skills and jobs

Only 66% of EU working-age population in employment (over 70% in US and Japan)

➤ **Increase to 75% by 2020**

Raise education levels (by 2020 16 million more jobs will require high qualifications)

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EU 2020 Strategy - flagship initiatives

Platform against poverty

Over 80 million people in EU at risk of poverty

➢ Reduce this number by 20 million by 2020

Enhance access to education for deprived communities

EU 2020 Strategy - flagship initiatives

Youth on the Move

Only 32% of people in EU aged 25-34 have a university degree (40% in US, over 50% in Japan)

Enhance EU mobility, university, research programmes (incl. <u>Erasmus Mundus and Marie Curie</u>), improve education results and gear education systems better to needs of labour market

Communication September 2010

- ➢ 40 % of the population age 30-34 with a higher education degree before 2020
- ➢ Reduce number of early school leavers from 14,4% to 10%
- ➢ Aspiration among Bologna signatories for 20% of graduates to have studied abroad by 2020

EU 2020 Strategy - flagship initiatives

Youth on the Move

Four action lines:

➢ Modernisation of education and training systems

➢ Higher education

➢ Learning and employment mobility

➢ Youth employment framework

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Erasmus Mundus - objectives

- ➢ **Enhance the quality of European HE through international co-operation**

- ➢ **Improve the development of human resources**

- ➢ **Promote dialogue and understanding between peoples and cultures**

- ➢ **Promote Europe as a centre of excellence in learning around the world**

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Erasmus Mundus - what does it offer?

➢ **Action 1 - Joint Programmes (including scholarships)**

➢ **Action 2 - Partnerships (including scholarships)**

➢ **Action 3 - Promotion of European HE**

Erasmus Mundus - what does it offer?

Action 1 - Joint Programmes

➢ **Erasmus Mundus Masters Courses (EMMCs)**

➢ **Erasmus Mundus Joint Doctorates (EMJDs)**

➢ **Full-study scholarships for students and researchers of exceptional quality (worldwide)**

➢ **Scholarships for academics to teach on EMMCs**

What is an Erasmus Mundus course?

A course (masters or doctorate)…

developed and delivered by a consortium of universities…

located in at least three European countries and…

co-ordinated by a European university (<u>non-European universities can be partners</u>)

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What is an Erasmus Mundus course?

Since 2004, more than 500 universities…

have developed nearly 130 joint masters and doctoral courses…

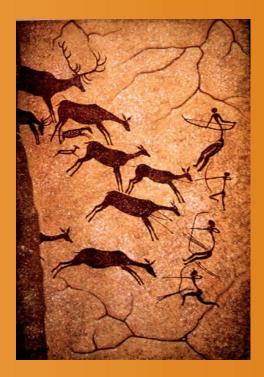attended by over 8000 students and 2000 academics…

in a wide range of disciplines…

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from this…

…to this

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from this…   **…to this**

Erasmus Mundus - what does it offer?

Action 1 - Targets (2009-2013)

- 150 EM Masters Courses
- 35 EM Joint Doctorates
- 5300 grants at masters level (non-EU students)
- 450 grants at doctoral level (non-EU students)
- 3500 grants at masters level (EU students)
- 330 grants at doctoral level (EU students)
- 2000 grants to non-EU academics at masters level
- 2000 grants to EU academics at masters level

Erasmus Mundus - what does it offer?

Action 2 - Partnerships

- ➢ **Large partnerships between HEIs from EU + non-EU HEIs from a specific region (e.g. South East Asia: Brunei, Macau, Hong Kong, Singapore, Chinese Taipei in 2010 and 2011)**

- ➢ **Emphasis on co-operation and transfer of know-how**

- ➢ **Scholarships of varying length (3 months to 3 years)**

- ➢ **Bachelor, master, doctorate, post-doctorate students + HE staff (training, teaching, research activities)**

- ➢ **Mobility not linked to specific programmes (all programmes on offer in partner HEIs can be followed)**

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Erasmus Mundus - what does it offer?

Action 2 – South East Asia

➢ HEIs from EU countries + min. of 3 from South East Asia

➢ Minimum of 25 "mobility flows"

➢ 45-55% at Masters level

➢ 20-30% at Doctoral level, 10-20% at Post-doctoral level

➢ 5-15% academic staff

➢ All academic disciplines eligible

➢ Cannot exceed 48 months

➢ 2011: € 1.2 million to fund 1 Partnership

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Erasmus Mundus - what does it offer?

Action 3 - Promotion of European HE

In 2010, priority will be given to projects that:

- ➢ **promote European HE in specific geographical areas**

- ➢ **improve services for international students and doctoral candidates**

- ➢ **address the international dimension of Quality Assurance**

- ➢ **help strengthen relations between European HE and research**

- ➢ **promote European study opportunities for doctoral candidates**

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Benefits for universities

➢ **Establish lasting links between institutions**

➢ **Improve quality of teaching and students**

➢ **Put in place mechanisms to facilitate mobility and degree recognition**

➢ **Increase university visibility, attractiveness worldwide**

➢ **Enhance reputation through involvement in excellence programmes**

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Benefits for students/academics

- Participate in high-level masters/doctoral courses

- Receive double/multiple/joint degree from consortium of excellent universities

- Acquire in-depth knowledge of Europe + European HE

- Improve linguistic skills, intercultural experience

- Improve employability of students through recognition of qualifications and study periods abroad

- Academic exchange of knowledge, ideas, contacts

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Erasmus Mundus and Taiwan

Taiwanese participation since 2004:

➢ **More than 80 students**

➢ **6 academics**

➢ **1 university associated partner in a EMMC**

➢ **1 University partner in an Action 2 partnership (Masters courses and research activities)**

How to apply?

Go to the Erasmus Mundus website: http://eacea.ec.europa.eu/erasmus_mundus

Select "Funding & scholarships - for higher education institutions and other bodies", then:

2011 Erasmus Mundus Call for Proposals +

Programme Guide, also "Need a project partner?"

Deadline for applications: 29 April 2011

Erasmus Mundus Excellence Website

➢ **Quality Assurance exercise has been carried out on 12 EMMCs and their partners (36 universities in total) in 2008/2009**

➢ **Result is a "Quality Handbook" offering guidance to existing or prospective participants + online Self-Assessment Tool**

➢ **Based on practical feedback from those who have actually been involved in delivering EMMCs**

➢ **See EM Excellence website - http://www.emqa.eu**

Taiwanese participants in Erasmus Mundus

The national Center for Theoretical Science (associate partner)

➢ **International integrated Master course in Algebra, Geometry and Number Theory**

National Taiwan University (partner in one project)

➢ **Multi: Multilingualism and multiculturualism**

Alumni Association

Erasmus Mundus Students and Alumni Association

http://www.em-a.eu

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Jean Monnet

Jean Monnet - characteristics

➢ **Jean Monnet aims to increase knowledge/awareness of European integration by promoting teaching, research and debate on EU matters**

➢ **Aimed exclusively at higher education institutions**

➢ **Since 2001, Jean Monnet has operated on a worldwide basis (network currently active in 62 countries)**

Annual call for proposals (2011 deadline closed)

http://ec.europa.eu/education/jean-monnet/doc609_en.htm

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Jean Monnet - activities

- Jean Monnet European Modules (short courses on European integration)

- Jean Monnet Chairs (teaching posts with specialisation in European integration studies)

- Jean Monnet Centres of Excellence (must work under the direction of a Jean Monnet Chair)

- Support for associations of professors and researchers specialising in European integration

- Support for information and research activities relating to European integration

- Jean Monnet Multilateral Research Groups (partnerships between min. of 3 Jean Monnet Chairs from 3 countries)

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Jean Monnet in Taiwan

Modules:
European Integration ,National Taiwan University EU

The European Union and European Integration , Tamkang University

Construction of Europe- The Basics NANHUA UNIVERSITY

A Study on the European Union Nanhua University

European Module - European Integration: history, politics and European integrated diplomacy in Asia. National Chengchi University

Chair:
Project creating Jean Monnet Chair at the Department of Political Science of National Taiwan University Chair / Chaire NATIONAL TAIWAN UNIVERSITY

EU Centres - objectives

➢ **To promote greater understanding of the EU, its institutions and its policies by providing EU-related information and education activities**

➢ **To disseminate information and the EU's views on issues of interest within regional communities**

➢ **To increase awareness about the political, economic and cultural importance of the relationship between the EU and the country in which the Centre is located**

EIT

European Institute of Innovation & Technology

EIT - objectives

Based in Budapest

Mission is to grow and capitalise on the innovation capacity of partners from the "knowledge" triangle (HE, research and business) from the EU and beyond, through the Knowledge and Innovation Communities (KICs)

KICS are highly integrated, creative, excellence-driven partnerships, which aim to:

- ➢ **produce new innovations and innovation models that will inspire others to emulate them**
- ➢ **generate real impact in terms of new business creation and societal benefits**

KICs have a large degree of autonomy to define their own legal status, internal organisation and working methods

Further information:
http://eit.europa.eu

EIT - selection of first KICs

First 3 KICs selected in December 2009 and awarded start-up grants at beginning of 2010

Climate-KIC (climate change mitigation and adaptation)
Co-location centres in London, Zürich, Berlin metropolitan area, Paris metropolitan area, Randstad metropolitan area

KIC InnoEnergy (sustainable energy)
Co-location centres in Karlsruhe, Grenoble, Eindhoven/Leuven, Barcelona, Krakow, Stockholm

EIT ICT Labs (future of the information and communication society)
Co-location centres in Berlin, Eindhoven, Helsinki, Paris and Stockholm

EU Research Programmes

Marie Curie - objectives

➢ **Main objective is to strengthen the human potential in research and technology in Europe and to make Europe a more attractive place for researchers to work**

➢ **The "People" programme of FP7 is implemented through a set of Marie Curie Actions addressing researchers at all stages of their professional lives**

➢ **A key feature is the mobility requirement for all researchers**

➢ **Further information:**
http://ec.europa.eu/research/fp6/mariecurie-ctions/indexhtm_en.html

MC Actions open to non-EU applicants

NAME OF ACTION	FIELDS	FINANCIAL SUPPORT
International Incoming Fellowships (IIF)	**Scientific and technological areas**	**12-24 months**
Initial Training Networks (ITN)	**Humanities or science**	**Up to 4 years**
Industry-Academia Partnerships and Pathways (IAPP)	**Scientific and technological areas**	**3-4 years (non-EU countries can participate under certain rules)**
CO-FUNDing of regional, national and international programmes (COFUND)	**All fields of research and research training**	**2 to 4 years**
International Research Staff Exchange Scheme (IRSES)	**Scientific and technological areas**	**2 to 4 years**

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European Research Council Grants

- ➢ **ERC Starting Grants allow the most promising young investigators from around the world to make the transition from working under a supervisor to an independent research leader at an early stage in their research career**

- ➢ **ERC Advanced Grants encourage and support innovative research projects initiated and carried out by leading investigators from around the world**

Further information:

http://erc.europa.eu

Study in Europe campaign

QUALITY

DIVERSITY

OPPORTUNITY

Study in Europe - Quality

- ➢ **Excellence (worldwide reputation)**

- ➢ **Quality assured (European system)**

- ➢ **Value for money (competitive tuition fees)**

- ➢ **Lasting legacy (tradition and innovation)**

"800 years of forward thinking" (University of Cambridge)

Study in Europe - Diversity

EU - 1 destination, 27 countries
From the Arctic to Africa...
...from the Atlantic to Asia

➢ 19 million students
➢ 4000 higher education institutions
➢ Open to the world

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Study in Europe - Opportunity

- ➢ **World-renowned education**

- ➢ **Portable skills**

- ➢ **Springboard for your travels**

Useful links

European Economic and Trade Office in Taipei
http://ec.europa.eu/delegations/taiwan/index_en.htm
Bologna Process
http://www.ehea.info/
Study in Europe website

Information on 32 European countries, their universities and what it takes to live and study there

http://ec.europa.eu/education/study-in-europe

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THANK YOU!

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