Higher education and EU2020

Update on priorities for EU policy, programmes, and university-business cooperation initiatives

Endika Bengoetxea
Unit C.1 - Higher Education; «Erasmus»
DG Education and Culture
European Commission

Education & Training 2020

Education and Culture

EU 2020

EU political agenda for smart, sustainable and inclusive growth through an economy based on knowledge and innovation

Updated strategic framework for European co-operation in education and training

E&T2020

| Lifelong learning + mobility | Quality and efficiency | Equity + social cohesion | Creativity+ innovation |

Higher education and research are high on the EU agenda.
Reforms are needed to allow universities to play
their full part in reaching policy objectives

Europe 2020 targets

Early School Leaving

2009   2020

14.4%   ➡️   10% at most

Higher Education Attainment (Age 30-34)

2009   2020

40% at least

32.3%

EU2020 strategy & flagship initiatives

- Priority areas are addressed by seven flagship initiatives. The most relevant for higher education policy are the following:

  - ***Youth on the Move***[1]: aims to increase the chances of young people of finding a job by enhancing student and trainee mobility and improving the quality and attractiveness of education and training systems in Europe;

  - ***An agenda for new skills and jobs***[2] aims to make it easier for people to get the right skills and competences and be able to use them in the appropriate jobs;

  - ***Innovation Union***[3]: aims to improve conditions and access to finance for research and innovation in Europe, to ensure that innovative ideas can be turned into products and services that create growth and jobs.

[1] http://europa.eu/youthonthemove/   [2] http://ec.europa.eu/social/main.jsp?catId=822&langId=en
[3] http://ec.europa.eu/research/innovation-union/index_en.cfm

HE policy on doctoral education

- To increase the research intensity of our economies and reach the R&D target of 3% of GDP, the EU will need at least an estimated one million new research jobs

- This will require a better matching of supply (training of researchers) and demand (recruitment of researchers)

- Doctoral candidates obtain funding from a wide variety of national and international sources including various EC funding streams.

Key Commitments

1. By the end of 2011, Member States should have strategies in place to train enough researchers to meet their national R&D targets…

   … and to promote attractive employment conditions in public research institutions.

   Gender and dual career considerations should be fully taken into account in these strategies.

   Effective doctoral training should be part of such strategies

   Indicators on doctoral training will be included in the proposed Performance Scoreboard for Research and Innovation.

Key Commitments

4. In 2012, the Commission will propose (…) a European Research Area framework and supporting measures to remove obstacles to mobility and cross-border co operation, aiming for them to be in force by end 2014. They will notably seek to ensure through a common approach:

- quality of doctoral training, attractive employment conditions and gender balance in research careers;
- mobility of researchers across countries and sectors, including through open recruitment in public research institutions and comparable research career structures and by facilitating the creation of European supplementary pension funds;

Key Commitments

30. By 2012, the European Union and its Member States should put into place integrated policies to ensure that leading academics, researchers and innovators reside and work in Europe and to attract a sufficient number of highly skilled third country nationals to stay in Europe.

Common approach = to make the research profession more attractive.

It may inform the design of national and European funding schemes

In 2011 the Commission :

- Will assess the implementation and impact of the "Scientific Visa" package
- Will expand its network of EURAXESS Link contact points across the globe to stimulate networking between European researchers worldwide.

Non-EU doctorates per million population will be one of the indicators in the proposed Research and Innovation Scoreboard

Other initiatives on doctoral education

- PhD candidates: students vs. early stage researchers
    - Framework for researchers career
        - (i) New Researcher
        - (ii) Recognised Researcher
        - (iii) Established Researcher
        - (iv) Leading Researcher
    - Employment contracts vs. Stipends
    - Doctoral schools

- Bologna and Third cycle
    - Salzburg principles as the basis to reform doctoral education regulations
    - Duration of doctoral education
    - Bologna tools in doctoral education?
        1. Learning outcomes & student-centred learning
        2. QA and accreditation
        3. Joint/double degrees in doctoral education
        4. ECTS credits? DS?

- Study "mapping mobility in higher education":
  Difficulty for doctoral education data collection

Bologna process
Leuven Ministerial

Education and Culture

5 main issues:

- Mobility
- Data collection and reporting
- Widening access
- Transparency tools
- Global dimension

3.- Widening access

- Each country to set measurable targets for widening overall participation to higher education and increasing participation of underrepresented groups by 2020

- The Commission to follow developments closely

4.- Transparency tools

- Transparency tools should relate to Bologna objectives (quality assurance and recognition) and be developed in cooperation with stakeholders

- The Commission supports several transparency initiatives, notably
  - a classification of European HEI and
  - a feasibility study for a multidimensional European ranking

Bologna process.
Working groups

- Working groups for the period 2009-12 established to take forward the action lines set out in Leuven Communiqué.

  There are seven working groups:
  1. Implementation
  2. Mobility
  3. Social Dimension
  4. Qualifications Frameworks
  5. International Openness - the EHEA in a Global Context
  6. Recognition
  7. Monitoring transparency tools

Modernisation Agenda: Three big reform areas

- Curricular reform (Bologna)

- Governance reform (autonomy and accountability)

- Funding reform (public and private funding, enterprises, student fees)

Likely key issues for the 2011 higher education reform agenda

Education and Culture

1. Ongoing curriculum, governance and funding reform

2. LLL in Higher Education (skills, recognition tools…)

3. Employability of graduates

4. Specialisation of HEIs

5. Knowledge triangle and the University-Business cooperation

6. Strengthening mobility

7. Widening access / social dimension

8. Reinforcing the global dimension

9. Tools to improve transparency

10. Incentives for teachers and multipliers

Impact of Higher Education policies on Erasmus centralised actions

Education and Culture

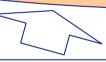**EU2020 and E&T2020 benchmarks & targets**

EU flagship initiatives
Youth on the Move, New Skills for New Jobs, Innovation Union

New structure on Erasmus centralised actions
Ex. New priorities on social dimension and excellence in higher education

modernisation agenda for universities:
Curricular, governance and funding reforms

New agenda for the Bologna process

The current LLP programme and the future post 2014

Education and Culture

LLP Calls 2011-2013 – Erasmus centralised actions and priorities

1. Mobility
2. Multilateral projects
   - Priority 1: Cooperation between higher education institutions and enterprises
   - Priority 2: Social dimension in higher education
   - Priority 3: Develop mobility strategies and remove barriers to mobility in higher education
   - Priority 4: Modernisation of higher education
   - Priority 5: Fostering excellence and innovation
3. Academic Networks
4. Accompanying Measures

Requirements

Erasmus Centralised Actions	Maximum EU Grant (**75%** of total project costs)	Minimum/ Maximum project duration	Minimum member of partner organisations
Multilateral projects	300.000 €	Min: 2 years Max: 3 years	3 institutions from at least 3 LLP countries (of which at least one must be an EU member state)
Multilateral networks	600.000 €	Min and max: 3 years	*New in 2011 !* Minimum 25 partners from 25 countries
Accompanying Measures	150.000 €	Min and max: 1 year	One or several institutions from LLP countries

Communication of the Commission

A new partnership for the modernisation of universities: the EU Forum for University-Business Dialogue (Com(2009) 158 final; 2 April 2009)

Governance

Curriculum Development

Entrepreneurship

Mobility

Knowledge Transfer

Lifelong Learning

« Operationalising »
the University-Business Forum

Knowledge Partnerships/Alliances

Pilot Action proposed by the European Parliament

Part of Agenda for News Skills and Jobs and Innovation Union flagship initiative

Partnership involving businesses and industry, education and training institutions

New curricula, new courses and new ways of delivering education

University – Business Cooperation

Partnership in EU programmes

Partnership between the worlds of education and work – a priority under the next generation of EU programmes?