

Prospects for European Work Developments

Labour and innovation:
Work-oriented innovations – a key to better
employment, cohesion and competitiveness in a
knowledge-intensive society

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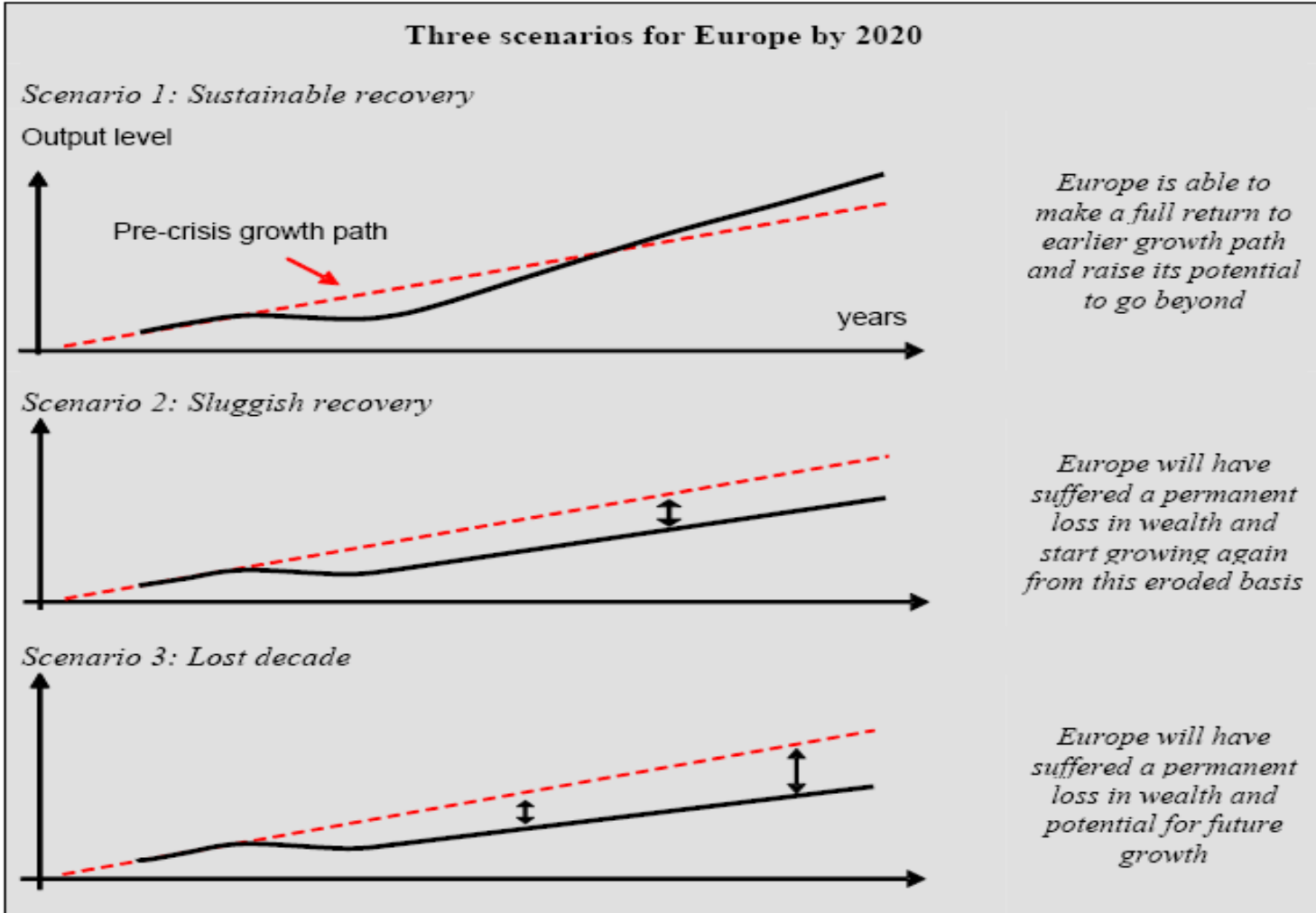
Main Issues

- (1) Europe 2020 and**
- (2) Work developments in Europe**
- (3) Prospects for research on work-oriented innovations**
 - “Grand Challenges” and Joint Programming

EUROPE 2020: Challenges

- **Employment: 69% population aged 20-64** (63% woman/76% man; 46% older workers to 62% in US and Japan and 10% fewer working hours)
- **1,84% of the EU's GDP invested in R&D**
- **Shrinking EU population from 2013; birth rates far from replacements; migration and integration**
- **Over-60s growing twice as fast as before 2007**
- **15% early school leavers**
- **Tertiary education is comparatively low: 31% of beyond 30s**
- **Distributed economic, structural capacities/weaknesses in EU**
- **80 million people at risk of poverty**

The current crisis and scenarios for Europe 2020



EUROPE 2020

- **COMMUNICATION from the new BARROSSO II COMMISSION: “EUROPE 2020 - A strategy for smart, sustainable and inclusive growth”**

“...To achieve a sustainable future, we must already look beyond the short term. ... It's about more jobs and better lives. It shows how ... to deliver smart, sustainable and inclusive growth, to find the path to create new jobs and to offer a sense of direction to our societies.”

The Commission is proposing five measurable EU targets for 2020 for

- **employment**
- **research and innovation**
- **climate change and energy**
- **education**
- **combating poverty**

EUROPE 2020: 5 measurable targets

- 75 % of the population aged 20-64 employed
- 3% of the EU's GDP invested in R&D
- The "20/20/20" climate/energy targets to be met
- Early school leavers under 10% and at least 40% of the younger generation with a tertiary degree
- 20 million less people at risk of poverty

EUROPE 2020:

7 flagship initiatives

- ***"Innovation Union"*** to turn innovative ideas into products and services for growth and jobs.
- ***"Youth on the move"*** to enhance education systems and help young people to the labour market.
- ***"A digital agenda for Europe"*** for high-speed internet.
- ***"Resource efficient Europe"*** to decouple economic growth from the use of resources.
- ***"An industrial policy for the globalisation era"*** to keep a strong and sustainable industrial base.
- ***"An agenda for new skills and jobs"*** to modernise labour markets and empower people by developing their of skills throughout the lifecycle with a view to increase labour participation and better match labour supply and demand, including through labour mobility.
- ***"European platform against poverty"*** to ensure social and territorial cohesion that people live in dignity and take part in society.

EUROPE 2020: flagship initiatives

"Innovation Union" to turn innovative ideas into products and services for growth and jobs.

- **European Research Area:** strategic research agendas on challenges such as energy security, transport, climate change and resource efficiency, health and ageing, environmentally-friendly production methods, and joint programming with Member States and regions;
- **'European Innovation Partnerships'** between the EU and national levels with 'building the bio-economy by 2020', 'the key enabling technologies for Europe's industrial future' and to allow older people to live independently and active in society';

At national level, Member States will need:

- To reform national (and regional) **R&D and innovation systems** to foster excellence and smart specialisation, reinforce cooperation between universities, research and business, implement joint programming and enhance cross-border co-operation;

EUROPE 2020: flagship initiatives

"An industrial policy for the globalisation era"

- To develop a strong, competitive and diversified **industrial base** in Europe and supporting the transition of manufacturing sectors to greater energy and resource efficiency;
- * To review regulations to support the **transition of service and manufacturing** sectors to greater resource efficiency, including more effective recycling
- * To renew the EU strategy to promote **Corporate Social Responsibility** as a key element in ensuring long term employee and consumer trust.
- * ...

At national level, Member States will need:

- To work closely with **stakeholders** (business, trade unions, academics, NGOs, consumer organisations) to identify bottlenecks and develop a shared analysis on how to maintain a strong industrial and knowledge base
- ...

EUROPE 2020: flagship initiatives

"An agenda for new skills and jobs"

- Modernise **labour markets** and empower people by developing their skills throughout the lifecycle
- Deliver second phase of the **flexicurity agenda**, together with European social partners, to identify ways to better manage economic transitions and to fight unemployment and raise activity rates;
- ...

At national level, Member States will need:

- Promote and monitor the effective implementation of **social dialogue** outcomes;
- Engage in **further learning** and recognised throughout general, vocational, higher and adult education, including non formal and informal learning;
- To promote new forms of **work-life balance** and active ageing policies and to increase gender equality;
- ...

EUROPE 2020: flagship initiatives

Not mentioned in the flagship initiatives nor at European neither at national level

Promotion of highly productive and at the same time sustainable work systems in Europe. ***Sustainable work systems*** could contribute to higher competitiveness, to prepare for the financial upturn, as to avoid social dumping. Working life research could be used to promote the implementation of competitive and sustainable work systems.

Is there still an entry for it?

European Research Cooperation: the policy context

The EU research policy is subordinated to a broader policy context

- **Post-Lisbon 2010 strategy and its successor «EUROPE 2020 »**
- **The ERA 2020 vision**
- **The new Commission and prospective Union research funding with higher emphasis on innovation**

ERA 2020 Vision :

Grand Challenges and prioritisation of STI by Joint Programming

- The Lund Declaration (July 2009) called **global warming**, tightening supplies of **energy, water and food, ageing societies, public health**, pandemics, and **security** “Grand Challenges of our time”.
- In December 2009, Council of Ministers called on the implementation of the ERA 2020 Vision and the identification of “Grand Challenges”
- These major societal challenges are to be jointly addressed through **Joint Programming**

Joint Programming

- A high-level group of Member State representatives (GPC) shall identify "a limited number" of areas for Joint Programming.
- Following national consultations, the GPC identified 11/2009 a first shortlist for the Competitiveness Council:
 - Agriculture, Food security and Climate Change,
 - Health, Food and Prevention of Diet-related Diseases, and
 - Cultural Heritage.
 - And an initiative on neurodegenerative diseases, in particular Alzheimer's
- Further seven Joint Programming Initiatives are currently under assessment.

Joint Programming

- The research driven JP initiatives should be linked to the "Europa 2020" strategy.
- *Joint Programming may profit from experiences made with*
 - **Private/Public Partnerships**
 - European Technology Platforms (36 ETPs exist currently) going from vision building via strategic agendas
 - implementation by Joint Technology Initiatives: JTIs (5 implemented since 2007)
 - **Public/Public Partnerships**
 - EUREKA, COST
 - SET Plan, PPPs for Recovery Plan, GMES,
 - ERA-Nets

Prospects for priorities and ERA

- ERA will evolve through commonly agreed joint actions in which Member States and stakeholders contribute to the funding
- Joint Programming will develop a new governance and collaboration mechanism
- Joint Programming puts ***Member States in the driving seat*** of new partnerships around pan-European socio-economic challenges.
- Member States agree on a ***voluntary and à la carte*** basis common visions and strategic research agendas in a partnership

Work-oriented innovations – Prospects for joint programming?

- Employment, work and innovation are in the realm of the Grand societal challenges of our times
- A community programme or a joint undertaking?
- Which stakeholders would join?
- Are there specific ones which would prefer to stay away?