

PUBLIC-PRIVATE PARTNERSHIPS

An Interim Assessment

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INDEX

INTRODUCTION

Europe 2020 Strategy

European Economic Recovery Plan

ANALYSIS OF THE PPPs

Initiatives

Implementation

Conclusions

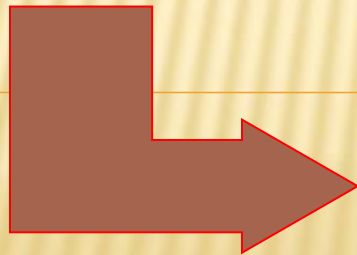
Recommendations

SUMMARY

EUROPE 2020 STRATEGY

Sustainable and smart growth

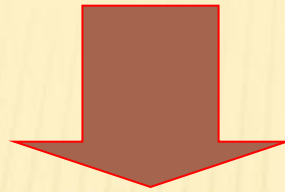
- Investment of **3%** GDP in Research & Development (R&D).
- Objectives 20/20/20:
 - Cutting energy use by **20%** below 2005 levels.
 - **20%** reduction of GHG below 1990 emissions.
 - Drawing **20%** of energy from renewable.
- **75%** employment rate for the population between 20-64.
- School absenteeism **<10%** young people with higher education **≥40%**.
- **20 million people** won't face the risk of falling into poverty.



**Innovation and Knowledge
Economy**

EUROPEAN ECONOMIC RECOVERY PLAN

Answer to the Economic Crisis



Creation of 3 PPPs (2010-2013)

- “Energy Efficient Buildings”
- “Factories of the Future”
- “Green Cars”

INDEX

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Europe 2020 Strategy

European Economic Recovery Plan

ANALYSIS OF THE PPPs

Initiatives

Implementation

Conclusions

Recommendations

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INITIATIVES (1)

Energy Efficient Buildings

Promotion of research and development of new technologies in Materials, Systems and Processes in the area of **Energy Efficiency in Buildings**.

Main objective

Slash the energy consumption and CO₂ emissions of new and renovated buildings.

Big effort on regulation, standardization and business models.

Estimated funding

EUR 1 billion

INITIATIVES (2)

Factories of the Future

Promote the use of technology in the **Manufacturing processes**.

Main objective

Adapt to global competitive pressures in the Manufacturing sector, especially SMEs, through the technological development, improving the technological base of EU manufacturing systems.

Estimated funding

EUR 1.2 billion

INITIATIVES (3)

Green Cars (Automotive)

Support the development of **new and sustainable forms of road transport**

Main objective

Development of sustainable energy sources and improve the safety of road transport.

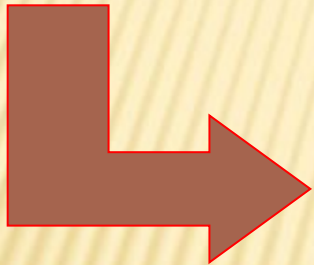
Estimated funding

EUR 1 billion for R & D + other funding

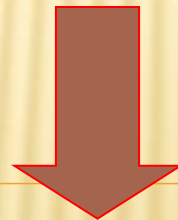
IMPLEMENTATION (1)

Ad-hoc Industry Advisory Groups

- Formed by experts representing the value channel (Big Companies, SMEs, Technological Centres and Universities, etc).
- Facilitate the strategic dialogue between the European Commission and the Industry.



Publication of the **Multi-Annual Roadmaps (2010-2013)**



Objectives of each initiative and annual strategic priorities

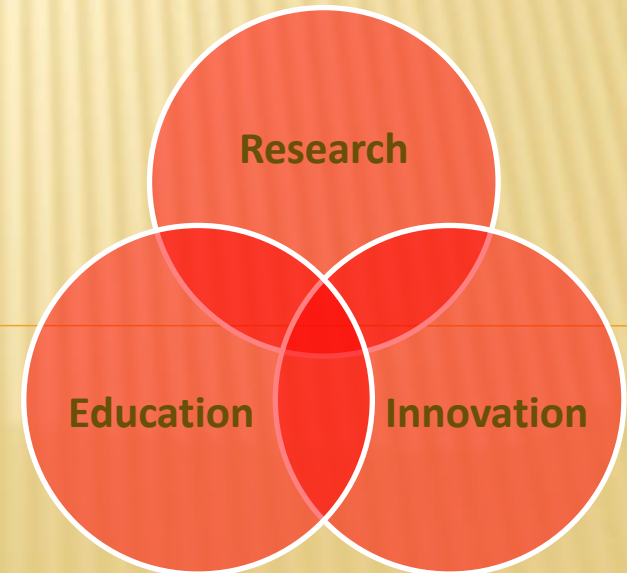
IMPLEMENTATION (2)

Multi-Annual Technology Plan

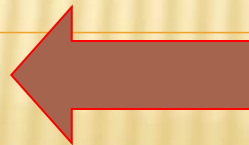
- Technological aspects .
- Dissemination and exploitation of results.
- Training and formation of professionals.
- New business models.
- Standardization and regulation.

New concept of
innovation (Europe
2020)

“Knowledge Triangle”



“Innovation Union” Initiative



IMPLEMENTATION (3)

Multi-Annual Technology Plans (2)

Energy Efficient Buildings

- Energy-efficient refurbishment of existing buildings.
- Neutral / energy-positive new buildings.
- Horizontal technological aspects.
- Horizontal organisational aspects.

Factories of the Future

- Sustainable manufacturing.
- ICT-enabled intelligent manufacturing.
- High performance manufacturing.
- Exploiting new materials through manufacturing.

Green Cars

- Electrification of road transport.
- Long distance road transport.
- Logistics and co-modality.

IMPLEMENTATION (4)

Calls



Estimated budget and total EC contribution

Estimated budget 2010 Calls	Final budget 2010 Calls	Estimated budget 2011 Calls
268 M€	268.71 M€	341.25 M€

INDEX

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European Economic Recovery Plan

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Initiatives

Implementation

Conclusions

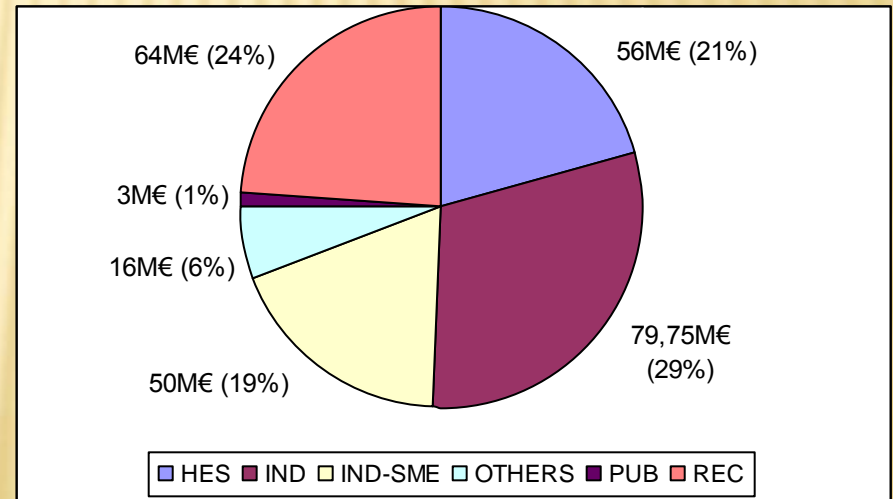
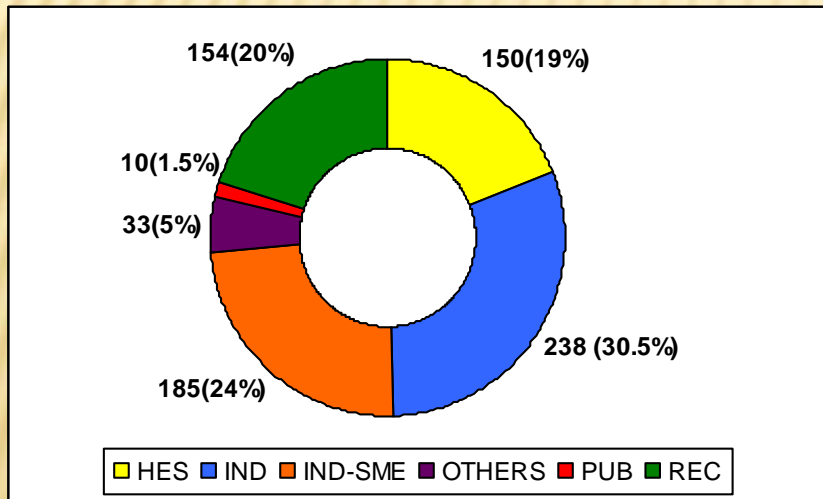
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CONCLUSIONS (1)

Industrial cooperation and interest ?

	Participations	% Big companies	% SMEs	% funding for big companies (out of the total funding)	% funding for SMEs (out of the total funding)
FP7 (Coop.)	33,533	16	16	16	14
PPPs (2010)	779	30.5	24	29	19



CONCLUSIONS (2)

Efficiency

Total Time to Grant for FP7 Cooperation and research PPPs

	Averaged TTG (days)	Minimum TTG (days)	Maximum TTG (ayss)
FP7 (Coop.)	430	--	--
PPPs (2010)	280	156	388

CONCLUSIONS (3)

Improvements

Participation and funding

- Bigger SMEs participation
- More EU-10 participation.
- Funding level.

Governance

- Formalized Industrial participation.
- Improved AIAGs representativity.
- Defined EC interlocution.

Procedures

- More efficient procedures.
- Inclusion of quality criteria .

Impact

- Focused on marketing .
- Control of ex-post impact.

RECOMMENDATIONS

Recommendation 1

Continue and further develop the research PPP initiatives in the CSF and enlarge their scope to a full programme concept

- Mechanisms for monitoring the ongoing projects
- Establishing dissemination actions to maximise the impact
- Continuity and stability of the PPPs

Recommendation 2

The governance and procedures of the research PPPs should be formalised and made more transparent

- European Commission.
- Ad-Hoc Industrial Advisory Group.
- Industrial associations linked to each PPP.

RECOMMENDATIONS (2)

Recommendation 3

The procedures for administration and management should be more simple and flexible

- Streamlined administrative structure; unification of bureaucratic procedures.

Recommendation 4

The research PPP Innovation actions should be strengthened with more emphasis on actions for transfer of new concepts to the market

- Industrial relevancy .

Recommendation 5

Research PPP actions and activities need to focus on strengthening the overall impact and dissemination of the project results

- Bigger participation of Industrial Associations and Technology Platforms

SUMMARY

The future of the PPPs depends on the commitment between public and private sectors and requires stability and long-term investment.

Key role of PPPs:

- ✓ Improving the competitiveness of European industry
- ✓ Contribute to the achievement of social and environmental challenges
- ✓ Boost the EU to the position of global leadership