...a new concept

...a new way to achieve Lisbon’s goals
...priority for 2004 -2005

put forward by the Members States and fully supported by the Commission

Launching of Greek Technology Platform
Athens 5 February 2005

Christophe.lesniak@cec.eu.int DG RTD/G2
Athens 5 February 2005

Investment in Co-operative Research schemes

For the 7FP

The consultation process

*may end up with*

*consensus view expressed in the*

Vision & Strategic Research Agenda(s)

*deriving…*

Actual thematic priorities for…

Collaborative Research

Support to SMEs

Technology Initiatives (JETI)

Research Infrastructure

Basic Research

Human Resource

Coordination of National Research Programmes

Investment in Co-operative Research schemes
Political references

Lisbon Council
Barcelona Council
Spring European Councils:
Invest on Knowledge, Research and Innovation.

Priority Actions:

Member state level
Policy level
Sector/cluster level through European Technology Platforms
Political references

Commission Communication

Commission Staff Working Document
annexed to the Communication presenting:
R & TD investment for Growth
Developments in national polices towards Barcelona
Response from business sector
Contribution from 6FP
Approach to the open method of co-ordination
European Technology Platforms
Supply chain of human resources
The Kok report on the Lisbon Strategy has identified (1) "increasing Europe's attractiveness for researchers and scientists" and "making R&D a top priority" among the policy areas requiring urgent action.

What is an European Technology Platform?

Initiative for mobilisation of stakeholders (research, industry and regulatory and finance stakeholders, public and private bodies) sharing an **European long-term vision** on high impact sectors or leading technologies;

**Primary output:** European **Strategic Research Agenda for the next decade(s)** with recommendations for its implementation;

**Final goal:** to achieve **EU industrial leadership & meet society’s needs** through investment in RTD.
A new way of Governance

Provide an open mechanism and consensus building process;

Joint initiatives by industry, Members states and Commission, with wide scope (beyond RTD);

Foster co-operation and synergy among public authorities, users, regulators, industry, consumers etc.

Optimise the use of instruments and resources to encourage investment in research and innovation;

Support the coherent implementation of different polices (industrial, environment, research, education, etc);

Provide a mechanism to overcome barriers (norms, regulation, standards, safety, incentive measures, social acceptance etc) to innovation;

Strengthen and organise EU research – ERA.
• Mobilisation of Resources

• Elements of Technology Platform (1)

- EUROPEAN RESEARCH AREA

Mobilisation of Resources

Deployment

Added Value

Competitiveness
• Elements of Technology Platform (2)

- STREAMLINE RESEARCH EFFORT with INVESTMENT

- ESTABLISH FAVOURABLE CONDITIONS FOR ENGAGEMENT
Elements of Technology Platform (3)

KEY STAKEHOLDERS

BUILT-UPON EXISTING INFRASTRUCTURE
• JUSTIFIED PURPOSE
• AUTONOMY
• REPRESENTATION
• OPEN and CONSENSUS DRIVEN
Elements of Technology Platform (5)

**FINANCIAL RESOURCES**

**EXISTING INSTRUMENTS**

**LEGAL ENTITY (JETI)**
(JOINT UNDERTAKING
Art.171,169)

**VISION**

**SRA**
• Elements of Technology Platform (6)

RESEARCH IMPLEMENTATION

• EXISTING INSTRUMENTS of FP 6

• NEW MECHANISM (JOINT UNDERTAKING Art.171)
  • Joint European Technology Initiatives (JETI)

Stages/Criteria for approval
  • Scientific and Technological excellence
  • Economic benefits and returns
  • European Added Value
Some ETP - examples-

- **Radical Change in a Sector**
  Hydrogen & Fuel Cells, Nanoelectronics, Nanomedicine

- **Sustainable Development**
  Water Supply and Sanitation, Plant Genomics and Biotechnology, Sustainable Chemistry, photovoltaic, renewable products from forestry resources, Rail Maritime & Road transport

- **Public Goods and Services**
  Innovative Medicines for Europe, Mobile and Wireless Communications

- **Strategic, High-Technology**
  Aeronautics, Embedded Systems, Space

- **Industrial Renewal**
  Steel, Textiles & Clothing, Forest/wood Pulp & paper, Manufacture, Construction
European Construction Technology Platform

www.ectp.org
Why a Construction platform?

64 years

20 years

People & materials & time

People & materials & time

People & materials & time

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Construction ETP Organization

High Level Group
HLG

Support Group
SG

Secretariat

National TPs
PL, NL, UK, FI.. (~ 15)

Cities and Buildings
Buildings Urban issues

Civil infrastructure
Underground Construction

Quality of life
Sustainable Construction Health & Safety

Networks
Rail, Road, Water gas….

Cultural Heritage
Outdoor..

Materials
Composite ceramic cement steel stones…

~400 part.
www.ectp.org

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ECTP - 3 Stages -

1: Stakeholders getting together VISION 2030

2: Stakeholders define a strategic research agenda SRA

3: Stakeholders implement the SRA
European Construction Technology Platform

Greek Construction Technology Platform

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Possible National Platforms

Poland

Spain

Netherlands

Finland

United Kingdom

France

Belgium

Denmark

Greece

Norway

Sweden

Swiss

Slovenia

Czech

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At EU level to enhance openness, participation and reduce complexity:

Set up links & new participation in ECTP
Improve the awareness of the ECTP at National level
Collaborate for the ECTP, vision 2030, SRA & roadmap
Promote the creation of new National TPs (best practices)
Disseminate the ECTP Outcome within all MS
Involve & represent National authorities in the ECTP
At National level a key role for a real impact:

Set up links with regional & local stakeholders
Improve the involvement of SME’s (drivers of innovation);
Define better a complete list of research needs;
Implement a dedicated training & education strategy;
Feedback to ECTP level (eg. National Social acceptance and awareness of actual needs…)
Identify & involve National/Regional research programmes;
Identify the gaps between National & EU regulations & policies that will enhance innovation;
Bring at ECTP level only if there is an EU added value;
Identify and enhance National financial support schemes…….
Summary

• ETP is a consensus building process for Strategic Investment in Research, Education/Skilling and Innovation

• ETP is an Industrial/Govermentaional forum of Europe’s Industrial and Policy leaders deciding the true relationship between research and economic growth

• ETP is a recommended plan of research activities for individual or collective use as well as for European or National implementation
THANK YOU
FOR YOUR ATTENTION

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