



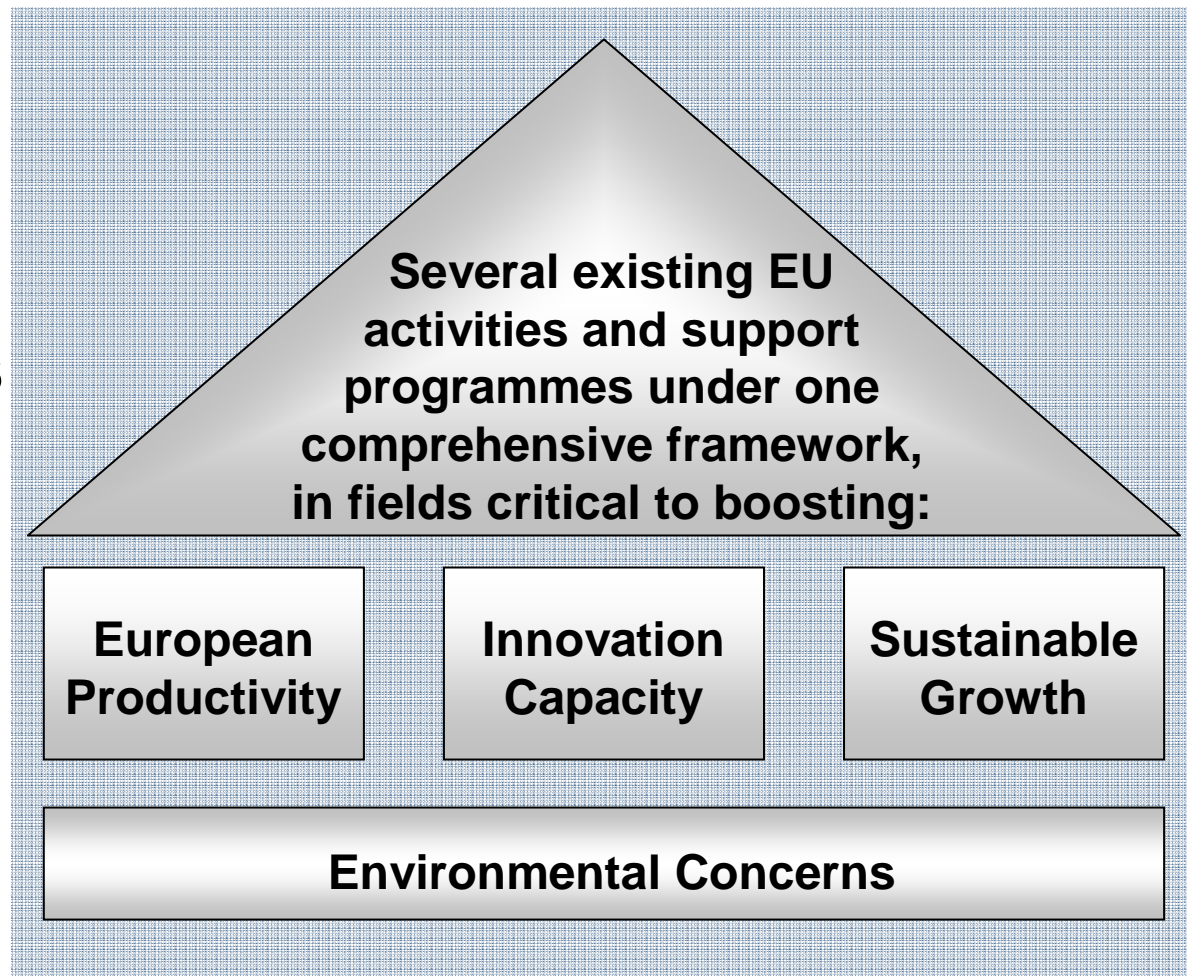
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***Introduction to ICT Policy Support Programme within CIP
- ICT for a low carbon economy and smart mobility -***

What is CIP?

COMPETITIVENESS
INNOVATION
PROGRAMME



CIP's three operational programmes:



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Competitiveness and Innovation Programme (2007 – 2013)



**Entrepreneurship
and Innovation
Programme
(EIP)**



**Information
Communication
Technologies – Policy
Support Programme
(ICT - PSP)**



**Intelligent Energy
Europe
(IEE)**

Complementing EU programmes



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RESEARCH:
Technology development,
demonstration, pilots

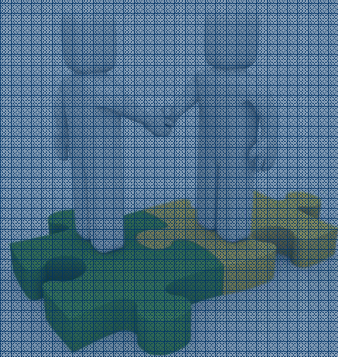
MARKET:
Mass production and use,
promotion, framework conditions

→ Catalyse “innovation” across EU

Structural Funds
Investments at MS level
(infrastructure, hardware, soft)

ICT Policy Support Programme

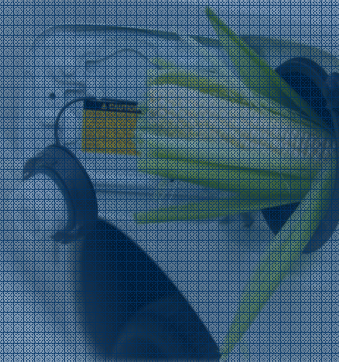
Competitiveness and Innovation Programme (2007 – 2013)



**Entrepreneurship
and Innovation
Programme
(EIP)**



**Information
Communication
Technologies - Policy
Support Programme
(ICT - PSP)**



**Intelligent
Energy
Europe
(IEE)**

ICT Policy Support Programme

- Financial instrument of the **i2010 – European Information Society 2010** integrated strategy that supports:
 - completion of the Single European Information Space
 - strengthening innovation and investment in research
 - achieving an Inclusive European Information Society
- Aims to accelerate the development of a sustainable, competitive, innovative and inclusive Information Society through the **best use and wider adoption of ICT by citizens, businesses and governments**
- **4th Call for applications is open until 1 June 2010**

ICTPSP 2010 funding themes

Theme 1: ICT for a low carbon economy and smart mobility

Theme 2: Digital Libraries

Theme 3: ICT for health and inclusion

Theme 4: Open innovation for future internet-enabled services in “smart” cities

Theme 5: ICT for improved public services for citizens and businesses

Theme 6: Multilingual Web

Funding instruments

- **Pilot (Type A)** – Builds on initiatives in Member States or Associate Countries
- **Pilot (Type B)** – Stimulates the uptake of innovative ICT based services and products
- **Thematic Network (TN)** – Provides stakeholders with a forum for experience sharing and consensus building
- **Best Practices Network (BPN)** – Exclusively for the theme on ‘digital libraries’

Theme1: ICT for a low carbon economy and smart mobility



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Instrument

Objective

Pilot B

**ICT for energy and water efficiency
in social housing**

Thematic
Network

ICT for water efficiency

Pilot B

**Energy efficient co-operative
transport management systems**

Budget 14m

ICT for energy and water efficiency in social housing



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Objective: to improve, via ICT-based solutions, energy efficiency in social housing

- Pilot actions should aim to **demonstrate** that **advanced ICT** components and systems (e.g. smart metering, smart lighting, power electronics for integration and management of locally generated renewable energy sources, etc.) can **contribute directly to reducing waste of energy & water**

For energy, savings on peak consumption and annual energy use of more than 15% should be demonstrated

- ✓ **involve** at individual end-user (providing real-time info)
- ✓ **Tackled** at neighborhood level considering collective resources

ICT for energy and water efficiency in social housing

Characteristics of Pilots

- emphasis on fostering innovation in ICT-based services
- implementation & validation in real-life setting (>1year)
- Preconditions for funding:
 - ✓ involvement of public authorities
 - ✓ availability of the water/energy infrastructures
- Demand-driven approach - consortium of ICT providers, distribution network operators, housing corporations. Partners from minimum 4 MSs.
- Co-financing 50%; cca. €2-2.5m / project; €9.5m budgeted

Expected impact

- Empowering end-users to play a central role in increasing energy & water efficiency and CO2 reduction - **to reduce energy and water consumption**
- Enlarging the ICT market for services infrastructure

ICT for water efficiency

Objective: providing a stakeholders forum for experience sharing and consensus building on how to overcome barriers to the introduction of ICT solutions for innovative water management

The network should:

- Provide a forum to exchange good practices
- Facilitate standardised ICT solutions
- Qualify and quantify the impact of ICT on water
- Include ICT, water companies, local and regional authorities from min. 7MSs
- Receive EU funding through lump-sums (0.5m€)

Energy efficient co-operative transport management systems



Objective: to facilitate the uptake and best use of co-operative mobility services in Europe

- Through development of **set of specifications** for cities for ***procurement, testing, installation, operation and monitoring*** of state of the art cooperative traffic management systems and services.
- based on vehicle-to-vehicle and vehicle-to-infrastructure communications. – **to reduce CO2 footprint**

Expected impact

- stimulate uptake of innovative ICT-based mobility services for sustainable and EE transport systems
- Improve readiness of MSs for investments in upgrading their ICT infrastructures in support of mobility

Energy efficient co-operative transport management systems

Characteristics of Pilots

- The pilots should focus on applications for EE in some of the following key technology areas:
 - Eco-Traffic Management and Control Systems
 - Eco-Demand and Access Management Systems
 - Eco-Navigation and Travel Information Systems
 - Driver Behaviour Change and Eco-driving
- Focus on logistics and co-modality (**using various means of transport in an integrated manner**), all forms of transport
- The pilots should involve national ministries, authorities and operators responsible for transport network operations, also industry and users. Partners from minimum 4 MSs.
- Co-financing 50%; €4m to be allocated to max. 3 pilots

Thank you for your attention

Anamaria Pantea Manager

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