Competitiveness & Innovation Programme (CIP)

The CIP- Competitiveness and Innovation Programme:

- a new programme to boost growth and jobs in Europe (Lisbon Agenda)
- budget ~3.6B€ (2007-2013)
- Three specific programmes

Entrepreneurship & Innovation
~2,170 M€
(incl € 430 eco-innovation)

ICT Policy Support programme
~730 M€

Intelligent Energy Europe
~730 M€
EU ICT policy framework: the i2010 initiative

- Policy initiative for the renewed Lisbon agenda
  - Comprehensive and holistic approach for ICT policy

- Objective: Enable Europe to exploit the full potential of ICTs and media for growth and employment

- Three interlinked priorities:
  - Completing the Single European Information Space
  - Strengthening innovation and investment in research
  - Achieving an Inclusive European Information society
i2010 instruments

• Legislation, regulation

• Open Method of Coordination, consensus-building

• Financial support:
  - Two distinct and complementary financial instruments
  - **ICT PSP**: To drive forward innovation through the **best use** and **wider adoption** of ICTs
  - ICT in FP7: To strengthen Europe’s leadership role in mastering and shaping the development of ICTs
Competitiveness & Innovation Programme (CIP)

- ICT Policy Support Programme main references:
  - **eGovernment**: 2005 Manchester Ministerial Declaration, 2006 Action Plan
  - **eInclusion**: 2006 Riga Ministerial Declaration

- Promote innovation in processes, services and products enabled by ICT, in particular in SMEs and **public services**

- New Programme, with a strong **political component**: it builds on previous programmes, it is not FP, it is designed to underpin EC policies
ICT PSP general objectives

• To accelerate the development of a sustainable, competitive, innovative and inclusive Information Society
  – through wider adoption and best use of ICTs by citizens, businesses and governments
  – in line with the three i2010 priorities

• Supporting
  – pilot actions, experience sharing and consensus building
  – Policy analysis, awareness raising and promotion

• Building on the experience of previous programmes
  – eTEN, eContent(+), Modinis
ICT PSP budget profile

- ICT PSP (~730 M€ for 2007-13), indicative profile

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<th>ICTPSP</th>
<th>2007</th>
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- not including contributions from EFTA or from other potential associated countries

- In addition, eContent+ (~45 M€ in 2007 and ~48 M€ in 2008)
  - its own legal base for 2007-8, integrated in ICTPSP from 2009 on

- In total ICT PSP & eContent+ : ~825 M€ for 2007-2013
Themes selection: Rationale

- Based on input received by Industry, i2010 HLG and Subgroups, ad hoc groups

- Policy priority areas
  - As expressed in the i2010 initiative
  - And Support to other policy initiatives

- Readiness of the stakeholders to engage in an action when appropriate
WP2007: Structure

WP focused on a set of **priority themes** and **horizontal actions**

- For each theme, an ultimate **socio-economic goal** is defined

- Themes and horizontal actions are addressed through a set of **objectives**
  - To be achieved through community contribution

- An objective is supported with **instruments**:
  - Pilot (s) A or B -Thematic Network (s)
    - Through Calls for *Applicants*(Proposals)
  - Awareness, benchmarking, conferences, Studies,
    - Through Calls for tenders or grants
Context: Instruments overview

Three complementary instruments based on combined approaches:

**Support to EU level ICT solutions ➔ Pilots Type A**
- Large Scale Pilots focused on Interoperability of already existing systems
- Key actors: Member States - Lead actors (Industry key role in the Implementation)
- Strong political dimension

**Stimulating innovative use of ICT in public & private sector ➔ Pilots Type B**
- Implementation of ICT based innovative services through Pilots
- Key actors: Full service value chain (providers, users, public authorities)

**Mobilisation/Exchanges between practitioners & policy makers ➔ Thematic Networks**
- Development of new policy implementation schemes through exchange of experiences and best practices

Implementation through **Call for Applicants**
Main features of Pilots Type A

- Focus on interoperability and building on Member States solutions
- The outcome should be an open, common interoperable solution with results widely disseminated and available to all Member States

Scale and participants

- Legal minimum of 6 Member States (=national administrations or competence centres acting on their behalf) or associated countries participating in the consortium.

Duration and Funding

- Duration is typically 36 months with a pilot service operating for 12 months.
- The EU contribution is up to 50% of costs for achieving interoperability. The indicative Community contribution available is 5-10M€ / pilot
- Proposals will be evaluated against the published evaluation criteria. Only one proposal is expected to be selected on quality for each Pilot Type A defined in the work programme.
Main features of Pilots Type B

- The goal is to carry out a **first implementation** of an ICT based **innovative service** carried out under realistic conditions.

- The engagement of a **complete value-chain of stakeholders** is expected.

- The emphasis is on **fostering innovation** in services ➔ the pilot may need to take-up completed R&D work, may extend already tested prototype services or may combine / integrate several partial solutions to realise a new innovative approach.

- Proposals will be evaluated against the published evaluation criteria. **One or more** proposals will be selected on quality for each Pilot Type B defined in the work programme.

**Nota: Modello eTen precedente**
Scale and participants

- Legal minimum of **4 legal entities** from 4 different Member States or associated countries.
- Consortia are expected to engage the **complete service value chain**, including relevant public authorities (sustaining partners), service providers, industrial stakeholders & users.

Duration and funding

- Duration is typically **24-36 months** with a pilot service operating for 12 months.
- EU contribution is up to **50% of eligible costs** of the pilot (including personnel costs, travel and accommodation and other specific costs).
- The indicative Community contribution available is **2-3 M€ / pilot**
Main features of Thematic Networks

- The goal is to **bring together relevant stakeholders**, expertise and facilities to **support the implementation of Information Society policies using ICT**

- The work of the Thematic Networks should be focused on **develop new policy implementation schemes** through working groups, workshops and exchanges of good practices.
  
  Examples: preparation of future pilot activities, replication of innovative solutions, development of common cross border strategies, etc.

- The expected outcomes of Thematic Networks must be **clearly defined and measurable**, and the results shall be in the public domain.

- Proposals will be evaluated against the published evaluation criteria. **One or more proposals** will be selected on quality for each Thematic Network defined in the work programme.

- **Nota: diverse da networks of excellence**
Scale and participants

Legal Minimum is **7 key stakeholders (legal entities) from 7 different Member States or associated countries**. Networks must be open.

Duration and funding

- Duration between **18-36 months**.
- EC contribution is **300-500 K€/network** funded through **lump sums** according to the following scheme:

  - **Coordinator**: Lump sum per year for **coordinating** the network (depending on number of network members)
  - **Other beneficiaries**: Lump sum per year for **implementing** the network
  - **ALL**: Lump sum per year for attending **meetings and events**
Other Instruments

**Calls for Tender** to support

- **Benchmarking**: Support for surveys and gather ICT related data relevant for ICTPSP objectives and themes

- **Studies** (around 15) addressing the economic and social impact of the Information Society on various fields  
  *Details will be defined in the tender packs*

**Grants** to support conferences  
(e.g. EU Presidency events, Ministerial conferences, etc)
eGovernment Objectives
ICTPSP Call 2007 Overview

Pilots Type A
- Enabling EU-wide public eProcurement
- Towards pan-European recognition of e-IDs

Pilots Type B
- Mutual recognition & interoperability of electronic documents
- Accessible & inclusive eGovernment services
- Combined delivery of social services

Thematic Networks
- Promoting local and regional eParticipation
- Stimulating measurement of impact and user satisfaction
- Brokering pan-European eGovernment solutions and services online

Budget allocation: 24 M€
Objective

EU-wide implementation of electronic public procurement enabling companies / SMEs, to respond to public procurements in any EU state.

4 specific topics:

- **Virtual Company Dossier**: tendering dossier with all the necessary attestations for selection/exclusion criteria
- **eSignature**: cross border recognition of eSignature
- **eCatalogue**: enable bidding and ordering, in particular in the case of dynamic purchasing system
- **eInvoicing/eOrdering**: to enable a paperless post processing between buyers and the sellers

Outcome

An integrated pilot solution building upon national systems and providing **cross-border access** to public eProcurement to businesses & public administrations
Towards pan-European recognition of eIDs (I)

**Objective**

Implementation of an EU wide interoperable system for recognition of eID and authentication that will enable businesses, citizens and government employees to use their national electronic identities in any Member State.

**Outcome**

Integrated pilot solution providing cross-border recognition of eID and authentication across Europe.

**Impact**

- Deployment and interoperability of EU-wide eID for public services across Europe.
- Secure, easy-to-use eID solutions for citizens and business, in particular SMEs at relevant levels (local, regional, cross/ national).
- Higher volume of authenticated electronic transactions/ operations processed.
- Implementation of ICT based **innovative services**
- **Full service value chain** expected in the consortium (including service providers, commercial organisations, users, public authorities)
- **One or more Pilot Type B proposals** will be selected on quality for each of the following three work programme objectives:

  - Mutual recognition & interoperability of electronic documents
  - Accessible & Inclusive eGovernment Services
  - Combined Delivery of Social Services
Mutual recognition & interoperability of electronic documents

Objective

Mutual recognition and interoperability of electronic documents ➔ pre-requisite and key enabler for many eGovernment services.

Need to develop policies, practices and standards on identification, authentication, accessibility, and long term archiving of electronic documents

Expected outcomes

- An innovative implementation of systems enabling eServices to interoperate across the EU through the exchange, authentication and archiving of electronic documents.

- Possible Examples (non exhaustive) – Pilots dealing with the recognition of official certificates issued electronically by different governments; Pilots dealing with innovative use of ICT to help public administrations to comply with the Service Directive; ...

Target end-users

Public authorities willing to test and eventually adopt the system(s) proposed

Citizens & Businesses accessing & using “official” electronic documents as required
Objective

 Increasing the effectiveness of the delivery of eGovernment information & services so that **everyone**, including disadvantaged groups, can benefit

Expected outcomes

- **High-quality services**, delivered on multi-channel platforms and highly tuned to the users’ context and needs.
- This includes for example highly personalised virtual assistance for newcomers, or delivery modes adapting to user-defined preferences, personal characteristics or different levels of use throughout the administrative “life cycle” of a citizen.

Target end-users

- **Citizens currently not using eGov services as they find them too complex or difficult to use.**
- **Service interface transformed to be easy and user friendly**
Combined delivery of social services

Objective

Improving the effectiveness of Public Administrations in the processing of combined social assistance services; for example allowances for children, education, unemployment, invalidity, pension, etc.

Expected outcomes

- **Intelligent and collaborative support working platforms** which should combine and integrate multiple services, therefore improving and simplifying the process of administrative services.

- Examples: a Pilot deploying a one-stop-shop for the unemployed integrating job search functionalities, training, allowance management and other unemployment related services.

Target end-users

Civil servants and their intermediaries providing social assistance services to those who cannot use online services and require "proximity administration" support

*IDAbc*?
• Thematic Networks should develop **new policy implementation schemes** through working groups, workshops and exchanges of good practices and expertise.

• In total **three Thematic Networks** will be funded, one for each of the three following work programme objectives:

- **Promoting local & regional eParticipation**
- **Stimulating measurement of impact & user satisfaction**
- **Brokering pan-European eGovernment solutions & services online**
Rational

- Re-engaging citizens in political debate, policy development and implementation at local, regional and national levels
- Creating cross-border links between local and/or regional eParticipation activities and initiatives;
- Facilitating a broader deployment of local and regional good practices
- Building synergies with actions supported by the Commission (e.g. European good practice exchange portal, eParticipation preparatory action) concerning the Information Society and Regional development policies.

Topical note: the network could include analysis and follow-up emerging Web2.0 social networking tools examining their utility and suitable governance models – c.f. French Presidential elections
Stimulating measurement of impact & user satisfaction

Rational

Drive forward knowledge, practice and adoption of measurement schemes in Member States and associated countries by:

- networking & sharing experiences & good practices
- reviewing & promoting innovative national eGovernment impact measurement frameworks
- comparing leading public and private sector initiatives;
- contributing to European Commission Efficiency & Effectiveness activities (e.g. Good Practice Exchange Portal http://www.epractice.eu)

Relevant consortia for this network should be a combination of Public and private organisations dealing with efficiency measurement schemes, eGovernment data collection and analysis of user satisfaction, efficiency and effectiveness
Rationale

- Consider options for ensuring interoperability at EU level
- Analyse specific needs, requirements and solutions for cross border provision of services in different European regions.
- Consider options for realising EU services portals that offer pro-active, tailored services to European citizens and businesses
- Examine case studies and methodologies for simultaneous implementation of services providers from different countries

Relevant consortia for this network could comprise public and private service providers, together with relevant industrial, user and public administration partners
Objective 3.1: EU wide implementation of eHealth services to support continuity of care: Patient’s summary and ePrescription (Pilot A) (Budget 11 M€)

Objective 3.2 Experience sharing and consensus building in eHealth (2 TN) (Budget 1M€)
- European coordination network for of eHealth interoperability implementation
- Wider implementation of RFID applications in healthcare

Horizontal actions (Benchmarking, analysis, studies and events) (Budget 3-4 M€)
EU wide implementation of patient's summary to support continuity of care

- Patient’s summary: Minimum data set containing essential information needed in case of unexpected or unscheduled care
- Providing continuity of care
- Contributing to Patient safety
- Patient's summary including all its associated components such as identifiers, authentication and security mechanisms;
Pilots Type A

Pilot A - EU wide implementation of ePrescription solutions to support continuity of care

- ePrescription solutions as a set of at least three types of application, namely:
  - electronic medication records, decision support systems, electronic transmission of prescriptions
- The Pilot shall cover at least, but not exclusively, electronic medication records
- Making available essential administrative, clinical data related to medicines (medication history, prescription patterns etc)
- Contributing to the development of an internal market for pharmaceuticals