CIP- Competitiveness and Innovation Programme
ICT PSP- Policy Support Programme

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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	ICT Policy Support programme	Intelligent Energy Europe
~2,170 M€ (incl € 430 eco-innovation)	~730 M€	~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

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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
  - **eHealth**: 2004 eHealth Communication and Action Plan, eHealth Berlin Conference 2007 Declaration

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

- New Programme, with a strong <u>political component</u>: it builds on previous programmes, it is not FP, it is designed to underpin EC policies

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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

ICTPSP	2007	2008	2009	2010	2011	2012	2013	Total
	57.4	~52	~105	~112	~120	~135	~149	~730

  - 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:

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*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

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*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

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Rationale & implementation

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 <u>**a pilot service operating for 12 months**</u>.

- The EU contribution is up to **50% of costs** <u>for achieving interoperability</u>. 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.

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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 <u>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</u>

- 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

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Pilots
Type B

Implementation

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**

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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 <u>future pilot activities</u>, replication of <u>innovative</u> <u>solutions</u>, development of common <u>cross border strategies</u>, 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 ⟶ *Draft*

- 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***

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**
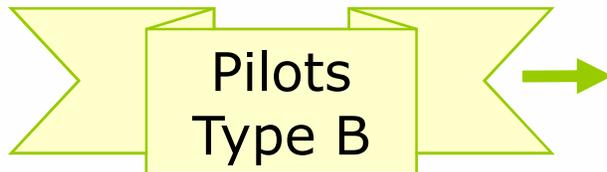
Pilots Type B

- Mutual recognition & interoperability of **electronic documents**

- **Accessible & inclusive** eGovernment services

- **Combined delivery** of social services

Thematic Networks
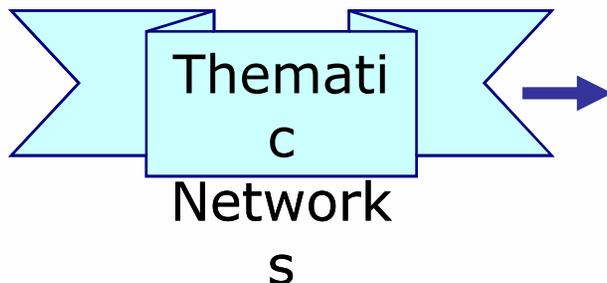
- Promoting local and regional **eParticipation**

- Stimulating measurement of **impact and user satisfaction**

- Brokering pan-European eGovernment solutions and services online

Budget allocation: 24 M€

Enabling EU wide Public Procurement (I)

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

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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.

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eGovernment
Pilots Type B Call 2007

- 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:

eGovernment
Pilots Type B
Call 2007

Mutual recognition & interoperability of electronic documents

Accessible & Inclusive eGovernment Services

Combined Delivery of Social Services

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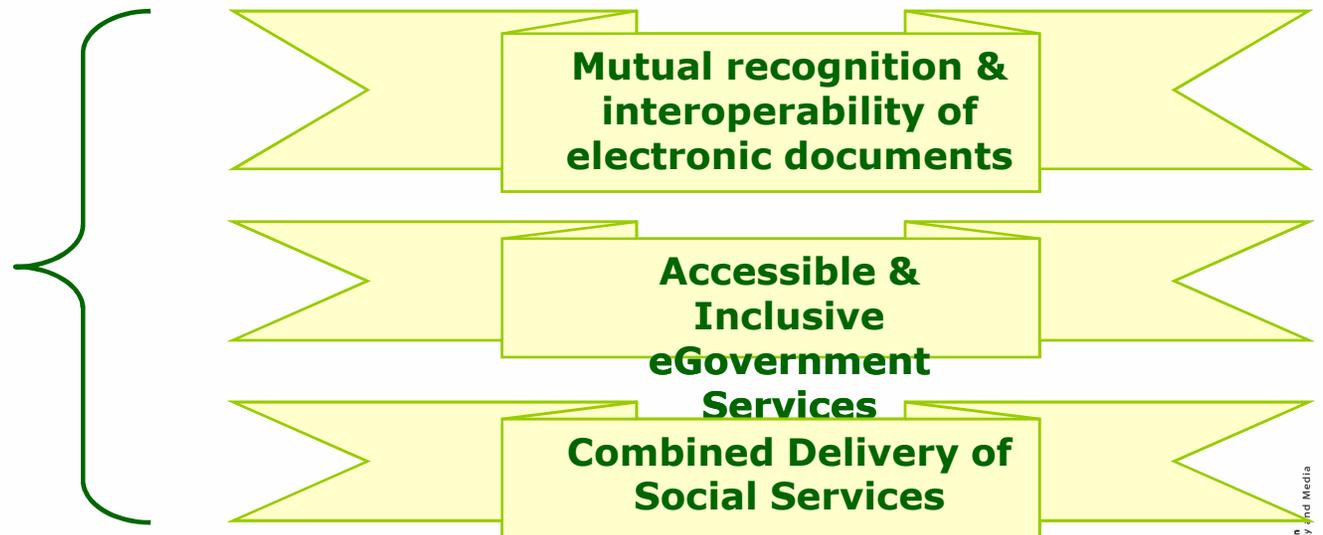
Mutual recognition & interoperability of electronic documents

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 <u>exchange, authentication and archiving of electronic documents</u>.

- 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 <u>comply with the Service Directive; …</u>

Target end-users

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

➡ **Citizens & Businesses accessing & using "official" electronic documents as required**

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Accessible & inclusive eGovernment services

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**

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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 ?

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eGovernment
Thematic Networks - Call 2007

- 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:

eGovernment
Thematic Networks
Call 2007

Promoting local & regional eParticipation

Stimulating measurement of impact & user satisfaction

Brokering pan-European eGovernment solutions & services online

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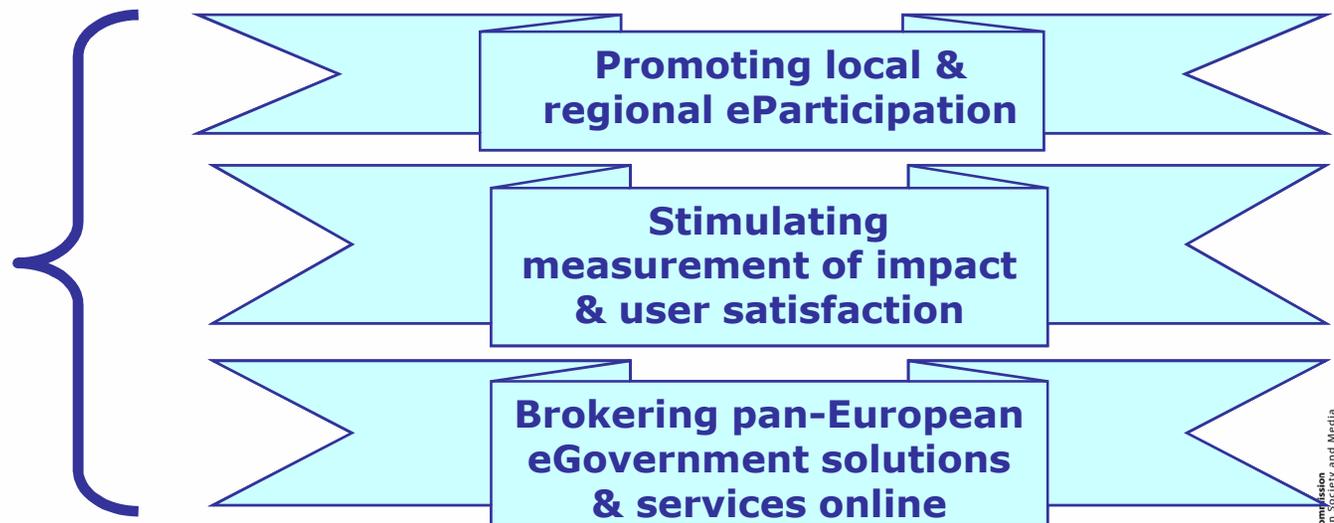
Promoting local & regional eParticipation

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*

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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

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Brokering pan-European eGovernment solutions & services online

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

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Theme 3: ICT for sustainable & interoperable <u>health services</u>:

Objectives

- Objective 3.1: EU wide implementation of eHealth services to support continuity of care: <u>Patient's summary and ePrescription</u> (**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 <u>patient's summary</u> 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;

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Pilot A -EU wide implementation of <u>ePrescription solutions</u> 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

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