



Punto nacional de contacto CIP-PSP

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I+D+i

**Jornada cooperación internacional
*Networking inter-plataformas***

**PRESENTACIÓN DEL
PROGRAMA CIP**

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25 de Febrero de 2010

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S

✦ España es el segundo mayor beneficiario del CIP en la tercera convocatoria (2009)

Country	ISO	Any partner from Country				Coordinator from Country			
		Proposals	ns	Cost (k€)	requested	Proposals	Cost (k€)	requested	
Italy	IT	113	297	104.806,12	56.159,28	35	137.247,88	76.881,24	
Spain	ES	104	208	67.957,55	35.217,42	22	91.830,68	47.328,35	
Kingdom	UK	87	158	53.260,14	28.758,45	14	49.627,51	27.207,67	
Germany	DE	81	151	52.537,74	27.738,81	13	52.538,50	27.115,36	
Greece	EL	69	132	45.087,19	24.785,74	12	48.155,71	24.077,85	
France	FR	73	134	46.444,81	23.545,25	16	56.075,61	28.568,80	
Netherlands	NL	53	85	27.020,21	15.633,29	6	23.887,09	15.758,26	
Belgium	BE	60	89	26.600,50	14.668,68	5	27.672,57	14.980,68	
Portugal	PT	38	73	22.058,60	12.247,88	5	16.564,24	10.155,62	
Sweden	SE	28	40	15.851,23	8.652,63	1	4.944,05	2.472,02	
Denmark	DK	32	45	16.365,04	8.495,63	4	15.474,73	9.418,35	
Romania	RO	41	55	14.413,19	7.438,64	3	8.548,72	4.274,36	
Austria	AT	33	42	12.420,75	6.975,65	2	5.175,96	2.958,48	
Finland	FI	21	36	10.922,96	5.892,99	2	6.511,95	3.255,98	
Norway	NO	18	22	11.060,27	5.843,74	1	11.200,00	5.600,00	
Ireland	IE	26	39	10.879,19	5.637,74	2	5.346,43	2.420,61	
Poland	PL	27	37	7.776,46	4.428,69	1	2.817,95	2.254,36	

- ✦ En anteriores convocatorias España ocupaba incluso el primer lugar.
- ✦ Este es un programa muy interesante para España dadas las características de su tejido industrial, y su capacidad para las actividades ligadas a procesos de innovación TIC.



THE COMPETITIVENESS & INNOVATION framework PROGRAMME - CIP

Entrepreneurship and Innovation Programme (EIP)



- Better access to finance for SMEs through venture capital investment & loan guarantee instruments
- Europe Enterprise Network
- Support for eco-innovation
- ...

~2,170 M€

Information Communication Technologies Policy support Programme (ICT PSP)



~730 M€

Intelligent Energy Europe (IEE)



- Fostering energy efficiency & the rational use of energy sources
- Promoting new & renewable energy sources & energy diversification
- Promoting EE & new energy sources in transport

~730 M€

http://ec.europa.eu/cip/index_en.htm



ICT PSP general objectives

- To accelerate the development of a competitive, innovative and inclusive Information Society [CIP, chapter I, Art 2]
- In line with the Information society and ICT policy priorities [CIP, chapter II, Art 26-29]
- Community funding aims specifically at:
 - Stimulating the wider deployment and best use of innovative ICT-based solutions
 - Facilitating the coordination and implementation of actions for developing the information society across the Member States

ICT-PSP: What does it support

- Support goes mainly to:
 - **Pilot actions** for wide scale testing of innovative services with a pan-European dimension
 - **Thematic networks** for policy coordination and consensus building, preparing for future actions
 - **Studies** and events including policy analysis, benchmarking, and promotion activities
- Focus is on areas of public interest:
 - Where ICT-based solutions can bring substantial improvements to quality and efficiency of services
 - To open up and facilitate the development of EU-wide markets for innovative ICT

ICT PSP indicative budget profile

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

not including contributions from EEA and other countries participating in ICT PSP

Support to the development of digital content fully integrated
PSP from 2009

in ICT

Yearly Work Programmes: Approach & Structure

WP focused on a set of themes

- For each theme, an ultimate socio-economic goal is defined
- Themes are addressed through a set of objectives
 - To be achieved through community contribution
- An objective is supported with
 - Pilot (s) A or B
 - + Best Practice Networks (only for the theme of Digital Libraries)
 - Thematic Network (s)
 - Through Calls for proposals
 - Awareness, benchmarking, conferences, Studies,
 - Through Calls for tenders or grants



ICT PSP WP 2010: Focus on 6 Themes

ICT PSP call4

Theme 1 : ICT for energy efficiency and smart mobility	19 M€
Theme 2 : Digital Libraries	30 M€
Theme 3 : ICT for health and inclusion	14 M€
Theme 4 : Open innovation for future internet-enabled services in "smart" cities	15 M€
Theme 5 : ICT for improved public services	13 M€
Theme 6 : Multilingual Web	16 M€
Total	107 M€



Funding instruments

- Pilot A: Building on initiatives in member states / associated countries with interoperability of services as central theme
- Pilot B: Stimulating innovative use of ICT in public & private sector (under realistic conditions)
- Thematic Network (TN): Mobilisation/Exchanges between practitioners & policy makers
- Best practice network (BPN): Combining consensus building / awareness raising / large scale implementation
 - only for g Digital libraries

ICT PSP: who participates?

- National authorities
 - Ministries, local and regional authorities
 - Public organisations e.g. hospitals, schools, libraries,..
 - Drivers in Pilot As, key users in pilot Bs and TNs
- Private companies including SMEs
 - As suppliers of innovations
 - Mainly in Pilot Bs and TNs as main actors
- Academia and public research
 - As experts and possible suppliers of innovations

ICT PSP: where do we stand? 3 main calls up to now (1)



> 80% in pilot and
best practices
actions



<10% in Networking
actions



~10 % in Call for
tenders
studies, survey, conf...

Based on WP2007, 2008 and 2009 (for ~200 M€)

ICT PSP: where do we stand? 3 main calls up to now (2)

- Two Calls for proposals in 2007 and 2008, 93 M€ of funding
 - WP 2007, call1 for 54 M€ + 11 M€ for other measures
 - 22 actions launched, 86 proposals received
 - 3 Large scale pilots : eProcurement, eID management, eHealth record
 - 6 Pilots and 11 TN in eGov, eHealth, eInclusion, ...
 - WP 2008, Call 2 for 40 M€ + 4.5 M€ for other measures
 - 20 actions being launched, 66 proposals received
 - 1 Large scale pilot, preparing the implementation of the Services Directive
 - 13 Pilots in eGov, eInclusion, ICT for Energy Efficiency and smart mobility
 - 6 TN in eHealth, eGov, ICT for EE, Trust & Security, RFID

ICT PSP: where do we stand? 3 main calls up to now (3)

- WP 2009-Call3 and 3bis: ~107 M€ funding for call for proposals
 - Call3 for 99.5 M€ + 8 M€ for other measures
 - 44 proposals under negotiation, 159 proposals received
 - 1 Large scale pilot for patient health services, 2 extensions (eProc. And eID)
 - 26 other Pilots in eGov, eInclusion, ICT for Energy Efficiency, Digital Libraries, Multilingual web, Security, RFID, and Living labs
 - 4 BPN (supporting Europeana), 3 TN
 - Call3bis, +7 M€ for eParticipation
 - 5 proposals for Pilots under negotiation, 28 proposals received

Who can participate?

- The programme is open to **all legal entities** established in the EU Member States
- Legal entities established outside the EU may participate **on equal terms with Member States** on the basis of and in accordance with the conditions laid down in the **association agreements** (associated countries*)
- Other third countries may participate on a case-by-case basis but will not receive any funding

* Iceland, Lichtenstein, Norway, Croatia, Turkey, and starting from 2010 Serbia

Instruments overview

Three complementary instruments based on combined approaches:

Building on initiatives in member states / associated countries → **Pilots Type A**

*Stimulating **innovative use of ICT** in public & private sector* → **Pilots Type B**

Mobilisation/Exchanges between practitioners & policy makers → **Thematic Networks**

One “transitory” instrument, reserved for “digital library” theme:

Combining consensus building / awareness raising / large scale implementation → **BPN**
(Best Practice Network)

*Implementation through **Call for Applicants***

Rationale & implementation

Main features of Pilots Type A

- Focus on **interoperability** and building on Member States solutions
- Member States - Lead actors (Industry key role in the Implementation)
- The outcome should be an **open, common interoperable solution** with results widely disseminated and available to all Member States (→ 1 project per objective)

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 up to **36 months** with a pilot service operating for 12 months.
- The EU contribution is limited to the **costs for achieving interoperability**. The indicative Community contribution available is **5-10M€ / pilot**

Pilot Type A - specificities

- Intellectual property – publication and free accessibility of results
- Possibility to subcontract co-ordination task
- Reservation of budget for extension of consortium at application stage (budget to be set aside in the budget of the co-ordinator - should typically not exceed 15% of the total budget of the pilot)
- Possibility for launching competitive calls for participation
- At contracting stage a consortium agreement needs to be concluded

Main features of Pilots Type B

- Carry out an **implementation** of an ICT based innovative service under realistic conditions. Replication and wide validation of best practices can be specified in objective.
- emphasis on **fostering innovation** in services → e.g. take-up completed R&D work, extend already tested prototype services or combine / integrate several partial solutions to realise a new innovative approach

Scale and participants

- 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** including the operation of a pilot service
- The Community contribution is typically in the range **2-3 M€ / pilot**

Main features of Thematic Networks

- bring together stakeholders - **explore new ways of implementing ICT based solutions.**
- E.g. **working groups, workshops, exchanges of good practices** in view of **action plans, standards and specifications**
- **Clearly defined and measurable** results - shall be in the public domain.

Scale and participants

Minimum **7 legal entities from 7 different Member States or associated countries.**

Duration and funding

- Duration between **18-36 months.**
- EC contribution is **300-500 K€/network** funded normally through **lump sums**, but workprogramme can specify actual cost funding – in 2010 objective 2.1 and 3.2b (see slide 12)

Rationale & implementation

Main features of Best Practice Network (BPN)

- Only for the **digital libraries** theme, only for a transition period up to 2011.
- Promote the adoption of respective standards and specifications by **combining** the "**consensus building and awareness raising**" function of a network with **large-scale implementation** on a **sufficient mass of content**.
- The commission can organise "Clustering meetings" in order to **achieve broad consensus and create the conditions for the widest possible uptake** of the recommendations of the BPNs.

Scale and participants

- Legal minimum of **7 legal entities** from 7 different Member States or associated countries.

Duration and funding

- The indicative Community contribution available is **3 - 5 M€** per BPN

Funding mechanisms (1)

For Pilot Type A and B

- 50% of direct and indirect cost
- Indirect cost is calculated as 30% flat rate of personnel cost

For Best practice Networks

- 80% of direct cost
- No funding of indirect cost



ICT PSP WP 2010: Focus on 6 Themes

ICT PSP call4

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Total	107 M€

Themes	Objectives	Funding instruments			
<i>Theme 1: ICT for a low carbon economy and smart mobility</i>	1.1: ICT for energy and water efficiency in social housing	Pilot B	9,5 M€	Several	19 M€
	1.2: ICT for water efficiency	Thematic Network	0,5 M€	One	
	1.3: Energy efficient co-operative transport management systems	Pilot B	4 M€	Three	
	1.4: Support to eCall implementation based on 112	Pilot A	5 M€	One	
<i>Theme 2 : Digital Libraries</i>	2.1: Coordinating Europeana	Thematic Network	9M€	One	30 M€
	2.2: Enhancing/Aggregating content in Europeana	BPN	Several		
	2.3: Digitising content for Europeana	Pilot B	Several		
	2.4: Access to European Rights Information / Registry of Orphan Works	BPN	One		
	2.5: Open access to scientific information	Pilot B	Several		
	2.6: Statistics on cultural heritage digitisation activities	Thematic Network	0,5M€	One	
<i>Theme 3: ICT for health and inclusion</i>	3.1: Enlargement of the Pilot "epSOS" on eHealth interoperability for patient summaries and ePrescription	Pilot A	7 M€		14 M€
	3.2: Scaling up of eHealth services and supporting the EU eHealth governance initiative	Thematic Network	No spec.		
	3.3: e-Accessibility for Public digital Terminals	Pilot B	No spec.		
	3.4: Assistive technologies and accessibility portal	Thematic Network	No spec.		
<i>Theme 4: Open Innovation for future Internet-enabled Services in "smart" Cities</i>	4.1: Open Innovation for future Internet-enabled Services in "smart" Cities	Pilot B	Several		15 M€
<i>Theme 5: ICT for improved services for citizens and businesses</i>	5.1: Enlargement of the Pilot "SPOCS" preparing the implementation of the Services Directive	Pilot A	No spec.		13 M€
	5.2: eJustice services	Pilot A	No spec.		
	5.3: Universal ID	Thematic Network	No spec.		
<i>Theme 6: Multilingual Web</i>	6.1: Open linguistic infrastructure	Pilot B	No spec. (2?)		16 M€
	6.2: Multilingual on line services	Pilot B	No spec. (2-3?)		

Theme 1: ICT for a low carbon economy

Instrument

Objective

**Pilot
Type B**

1.1 ICT for Energy and Water Efficiency in social housing

i.e. housing promoted by the state, by not-for-profit organizations, or by a combination of the two, with the aim of providing affordable housing

**Thematic
Network**

1.2 ICT for water efficiency

Budget allocation: ~ 10 M €



Theme 1: ICT for a low carbon economy

Objective 1.1: ICT for energy and water efficiency in social housing

Several Pilot B – 9.5 M€





Pilot
Type B

Objective 1.1: ICT for energy and water efficiency in social housing

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

- Pilot actions under this Objective 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 both waste of energy and water. For energy, savings on peak consumption and annual energy use of more than **15%** should be demonstrated

Theme 1: ICT for water efficiency

Objective 1.2: ICT for water efficiency

Thematic Network 0.5 M€



Thematic
network

Objective 1.2 ICT for water efficiency

***Objective:* providing a stakeholders forum for experience sharing and consensus building**

- Members: ICT and water companies as well as local and regional authorities
- Funding 0.5M €

The network should:

- Provide a forum to exchange good practices
- Facilitate standardised ICT solutions
- Qualify and quantify the impact of ICT on water



Objective 1.3

Energy efficient co-operative transport management systems

- **Aim:** to facilitate the uptake and best use of value-added co-operative mobility services in Europe
- **Outcomes:** 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 V2V & V2I comms
- **Target:** significantly improving both energy efficiency of traffic



Objective 1.3

Energy efficient co-operative transport management systems

Funding Instruments

- Pilots Type B
- Up to three pilot actions
- Up to 4 M€ of EU contribution

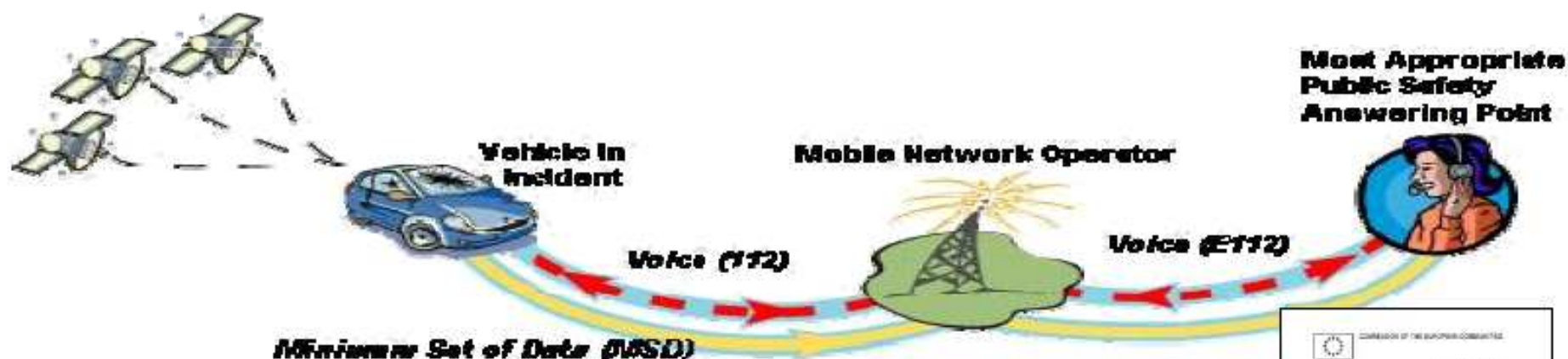
Expected impact

- Contribute to the uptake of European innovative ICT based mobility services for sustainable and energy efficient transport systems (lowering CO₂ emissions)
- Improve readiness of Member States for investments in upgrading their ICT infrastructures (in particular communication and sensor networks) in support of mobility

Objective 1.4: Support to eCall implementation based on 112

Focus and outcomes:

To prepare for the deployment of the necessary infrastructure to realise the pan-European in-vehicle emergency call service "eCall"



Objective 1.4: Support to eCall implementation based on 112

Funding instruments

- Pilot Type A
- 5 M€ of EU contribution
- Accelerating the deployment of the pan-European eCall service

Expected impact

- Accelerating the deployment other ICT based public & private services and applications supported by the eCall telematics platform
 - such as electronic tolling systems, hazardous goods tracking, etc
- Reinforcing consensus and partnerships among the stakeholders to support the roll-out of these priority services across Europe

Theme 2: Digital Libraries

Theme 2 supports

- Digital libraries initiative, aiming to improve **accessibility, use and preservation** of **Europe's cultural heritage** online
- Experiments with **open access to scientific information**, exploring new paradigms for access and use
- Total available funding **30 M€**
- **Six** objectives

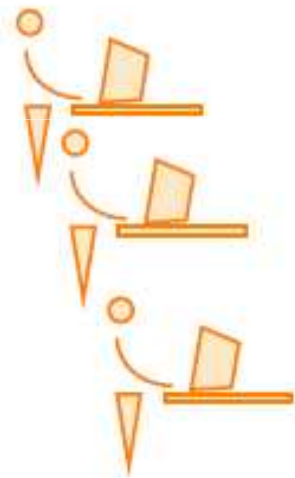
All proposals must align with relevant policies, strategies and activities at European and national level

Theme 2: Objectives overview

- 2.1 Coordinating **Europeana**
 - 2.2 Enhancing/aggregating content in Europeana
 - 2.3 Digitising content for Europeana
-
- 2.4 Access to **European Rights Information/** Registry of Orphan Works
 - 2.5 **Open access** to scientific information
 - 2.6 **Statistics** on cultural heritage digitisation activities

Theme 2 Objectives for Europeana at a glance

**Coordination, maintenance
& development**



**Increase quality and
quantity of content**



**digitising masterpieces of
Europe's cultural heritage**

2.1: Coordinating Europeana

Funding instrument

- **One** single Thematic Network based on actual cost⁽¹⁾
- At least 7 independent legal entities from 7 different MS or associated countries
- up to 9 M€ of EU contribution
- for the period 2011-2013

2.2: Enhancing/aggregating content in Europeana

Funding instrument

- **Several Best Practice Networks**
- Typical EU contribution: 3-5 M€
- At least 7 independent legal entities from 7 different MS or associated countries
- Funding rate: 80% of direct costs; no overheads

2.3: Digitising content for Europeana

Funding instrument

- **Several** Pilots Type B
- Typical EU contribution: 2-3 M€
- At least 4 independent legal entities from 4 different MS or associated countries
- Funding rate: 50% of direct and indirect costs (calculated as 30% flat rate of personnel costs)

2.4: Access to European Rights Information / Registry of Orphan Works

Funding instrument

- **One Best Practice Network**
- Typical EU contribution: 3-5 M€
- At least 7 independent legal entities from 7 different MS or associated countries
- Funding rate: 80% of direct costs; no overheads

2.5: Open access to scientific information

Funding instrument

- **Several Pilots Type B**
- Typical EU contribution: 2-3 M€
- At least 4 independent legal entities from 4 different MS or associated countries
- Funding rate: 50% of direct and indirect costs (calculated as 30% flat rate of personnel costs)

2.6: Statistics on cultural heritage digitisation activities

Funding instrument

- **One** single **Thematic Network** - lump sum
- Typical EU contribution: **300-500 K€**
- At least **7 independent legal entities** from 7 different MS or associated countries

ICT PSP Call 4 2010

Theme 3: ICT for health and
inclusion

Objectives 3.1, 3.2

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Overall Objective 3.1 and 3.2

- **Build on results → epSOS II (3.1):** more MS (already 6 have formally applied), enlarging the scope – 7 Mill EUR
- Increased cooperation on eHealth (3.2 a/b):
 - Use a thematic network to create consensus and build knowledge on innovative eHealth services to be deployed on a large scale -500k
 - Build on the work of CALLIOPE to support further MS cooperation at political, strategic and operational level (EU eHealth Governance) - 500k

ICT PSP Call 4 –2010

Theme 3: “ICT for health and inclusion”

Objective 3.3. e-Accessibility for Public Digital Terminals

Objective 3.4: Assistive Technologies and Accessibility Portal

Paul Timmers

Head of Unit “ICT for inclusion”

Obj. 3.3. e-Accessibility for Public Digital Terminals

- **Scope: Public digital Terminals (PDT)**
 - Outlets: ATMs, ticket machines, info points...
 - Services: financial/ commercial, tickets, info...
 - Value chain: physical access, interface, software, content, services, support, training...
 - Actors: equipment, applications, services/ content, final users
- **Context**
 - Wide-spread and growing PDT use.
 - Many people cut out because barriers of accessibility (e.g. visual/ tactile interfaces difficult for blind), competences (difficult to "talk to machines")
- **Aims**
 - Accessibility, user-friendliness, personalisation
 - User profiles: disabilities, elderly, low-skilled, "general public"...
 - Various possible solutions: multiple input/ output, configurable interfaces, interoperable personal equipment, etc.
 - Interoperability



Obj. 3.4. Assistive Technologies and Accessibility portal

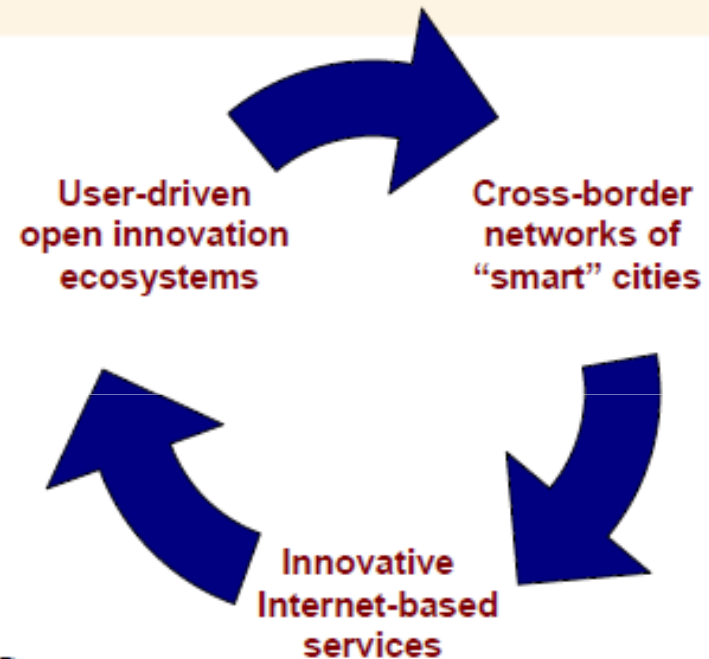
- **Scope:** Assistive technologies (AT) and solutions for accessibility
 - Devices, applications, services, content, etc (digital or not) for accessibility, i.e. in principle for persons with disabilities
 - Available online, either
 - A) solutions for accessibility themselves, e.g. downloadable AT software, e-books, maps...
 - B) info about solutions for accessibility, digital or not, available off-line, e.g. assistive equipment, accessible locations, subsidies...
 - Various stakeholders: technology providers, service providers, agencies, associations, final users...
- **Context**
 - Potential demand: large customer base, people with impairments, ageing context
 - Varied offer: many AT and e-accessibility solutions available
 - But market fragmentation, many providers, problem of economies of scale
 - Mismatch offer/ demand: information, transparency, comparability (affordability)
- **Aims: EU online platform (single entry portal) for**
 - Information
 - Innovation



Theme 4

Focus and Outcome: three major elements

- Total budget: 15 M€
- Several Pilots Type B
- Accelerating the uptake of innovative Internet-based technologies and services in cities
- Apply user-driven open innovation methodologies across networks of smart cities
- One of the pilots dedicated to innovative RFID technologies showing the benefits of Internet of Things type technologies in services of high societal value



ICT-PSP Work programme 2010

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

ICT for Government and Public Services
(@ec.europa.eu)

<http://ec.europa.eu/egovernment>



ICT for Government
and Public Services



European Commission
Information Society and Media

ICT PSP Work Programme 2010

Enlargement of Pilots A



Objective 5.1: enlargement of SPOCS

- Enlarge with MS which are now ready with a national service
- Increase the geographical coverage
- Increase the number of service sector addressed
- Increase the impact on the project

ICT PSP Work Programme 2010

New Pilot A

Objective 5.2: eJustice Services

Scope:

- As part of the eJustice action
- Modernise the judicial system in Europe
- To achieve interoperability between existing national judicial systems
- To complement actions launched by DG JLS/IDABC and by MS

ICT PSP Work Programme 2010: Thematic Network

Objective 5.3: *Universal eID*

TN builds on STORK Project to prepare the future, beyond 2013

The network must include actors from public and private sector where ID is required

Expect outcome: Roadmap for action beyond 2013

ICT PSP Call4 - 2010

Theme 6: Multilingual Web

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http://cordis.europa.eu/fp7/ict/language-technologies/cip-psp_en.html



European Commission
Information Society and Media



CIP call 4:

- Stimulate ICT-based **multilingual**
 - **communication,**
 - **collaboration,** and
 - **participation**
- Thus contributing to a pan-European **digital single market,** at the heart of the *Digital Agenda 2009-2014*
- Businesses, administrations & communities operate **online across national borders & language communities**
- Successful deployment of public & private transnational services depends on effective **language support**
 - projects must go beyond the mere integration of technology and encompass innovative solutions, processes & business models

Multilingual Web

Total funding: 16 Meuro

- 2 objectives:
 - **6.1: Open linguistic infrastructure**
 - provide reusable building blocks
 - **6.2: Multilingual online services**
 - demonstrate potential & impact
- A few ambitious projects (up to 4 M EU funding each)
- No predefined budget allocation
 - a priori: Obj 6.1 < 50%, Obj 6.2 > 50%

Objective 6.1, reusable resources

- mostly public sector:
 - **producers:** “competence centres”, typically public research centres, language institutes & academies
 - **aggregators:** “data centres” (repositories), usually supported by national and/or regional authorities
 - **sponsors:** public authorities, research agencies, language councils etc.

Objective 6.2, demonstration projects

- partnership depends on target domain & user community:
 - **problem owners**, content providers
 - **system providers**, service operators
 - suppliers of **multilingual services & technologies** ...