



Innovation Procurement (PCP and PPI) in Horizon 2020 - Possible synergies with ESIF

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European Commission**

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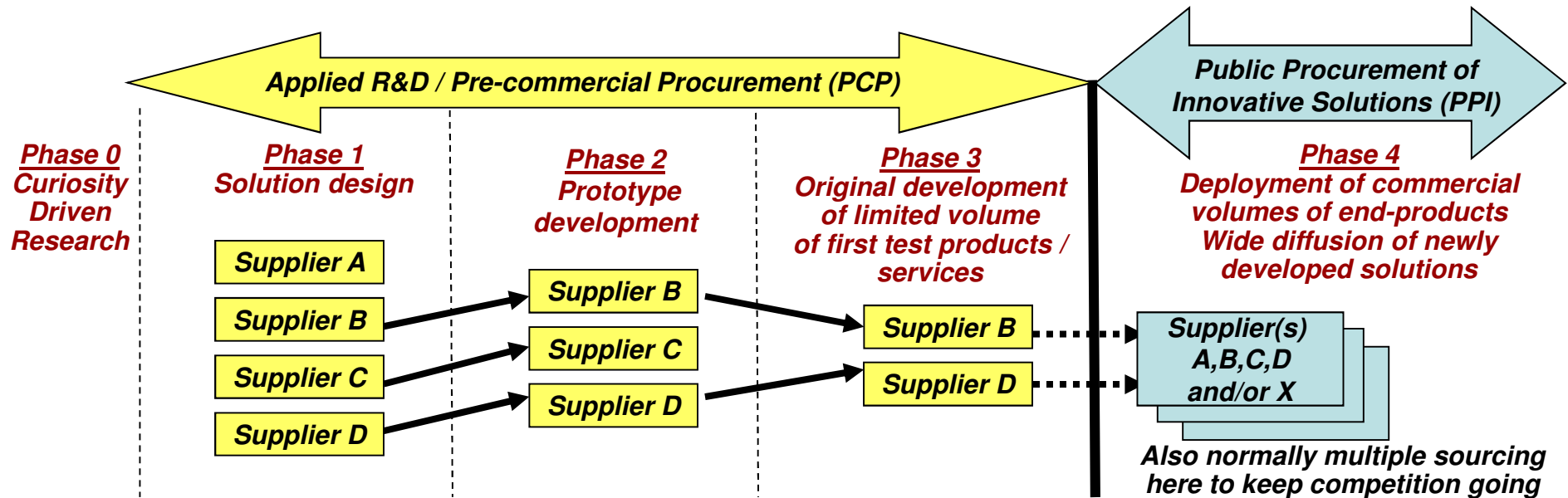
PCP-PPI In Horizon 2020



Innovation Procurement = PCP + PPI Complementarity



- **PCP** to steer the development of solutions towards concrete public sector needs, whilst comparing/validating alternative solution approaches from various vendors
- **PPI** to act as launching customer / early adopter / first buyer of innovative commercial end-solutions newly arriving on the market



Objectives:

- Products that better fit public sector needs
- Shorten time to market for suppliers
- Wider commercialisation of R&D results

Complementarity / split between PCP and PPI and phased approach enables to...

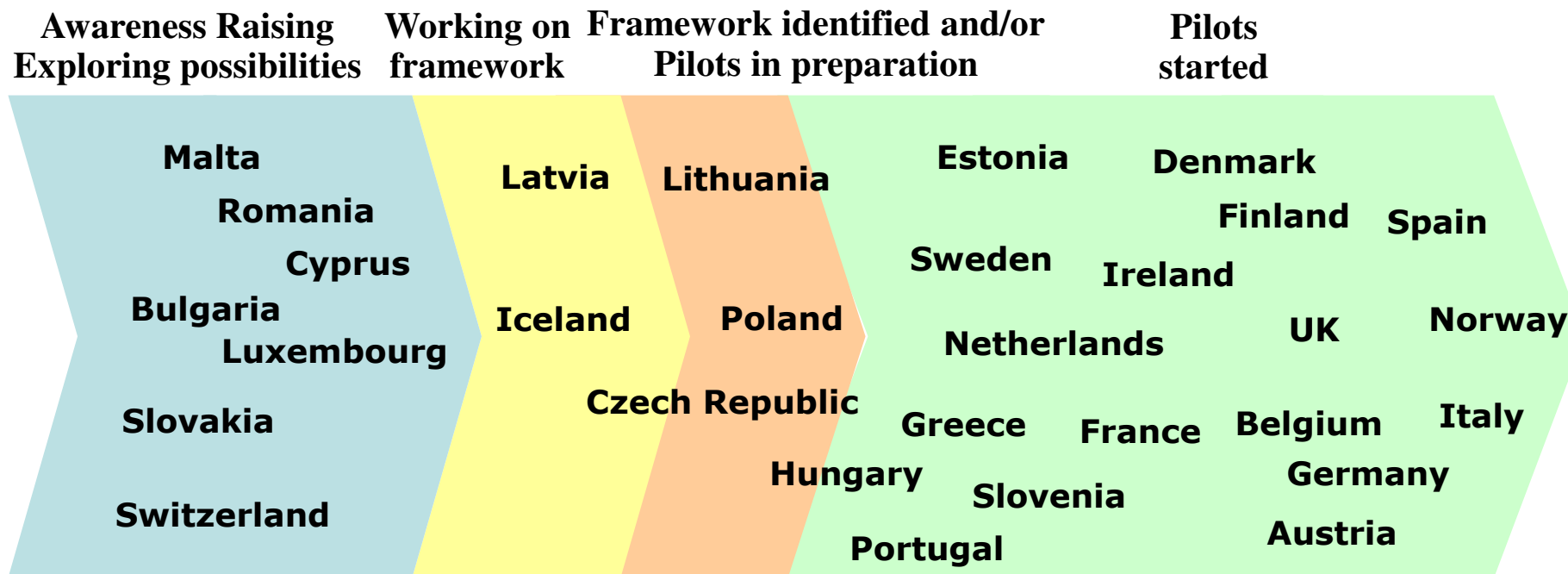


- Get better and 20% cheaper products (US defense data)
- Use PPI also if no(more) R&D needed for procurement need
- Use a small budget PCP to de-risk a large budget PPI
 - PPI spec can be 'completely rephrased' benefiting from PCP lessons learnt
- Use conditions that encourage job creation 'in Europe'
 - Because PCP falls outside WTO rules
- Prevent foreclosing of competition & crowding out of private investment in R&D
 - Companies that are not financing their R&D via procurement/PCP (e.g. via grants, own company resources) can still bid for deployment contracts/PPIs
- Facilitates access to procurement market for SMEs
 - Gradually increasing contract sizes, tasks, required manpower
 - Stringent financial guarantee/qualification requirements: 'no' in PCP, 'ltd' in PPI

... above not the case if R&D is procured as part of/inside large deployment contract

Status of PCP implementation across Europe

January 2014



Examples of PCPs done by procurers in Member States without EU support: in Norway, Austria, Italy, Belgium, UK, Netherlands etc
 ->More Info about national PCP initiatives in Member States: http://cordis.europa.eu/fp7/ict/pcp/msinitiatives_en.html

Examples of on-going EC funded PCP projects doing joint cross-border PCP procurements:
 SILVER (Robotics solutions for elderly care), CHARM (Traffic management), V-CON (Virtual Construction / Modelling of Roads), SMART@FIRE (Smart Personal Protective Equipment for Fire Fighter), DECIPHER (applications based on Distributed EC Individual Personal Health Records), PRACE 3IP (energy efficient high performance computing), C4E (Cloud computing), ENIGMA (lighting solutions for cities), IMAILE (e-learning), THALEA (telemedicine for ICU patients at increased risk), UNWIRED-HEALTH (mobile care for vaccination & heart failure), PREFORMA (Digital Preservation), NYMPHA-MD (mental care for bipolar disorders)
 ->More info about EU funded cross border PCP projects: http://cordis.europa.eu/fp7/ict/pcp/projects_en.html

Horizon 2020 Support for PCP-PPI



- ❖ **Coordination and Support Actions (100% funding rate):**
 - Support only coordination activities e.g. for preparation of a PCP or PPI by a group of procurers (identifying common challenges among procurers, conducting open market consultations before starting a PCP or PPI etc)
 - CSAs do not provide EU cofunding for an actual PCP or PPI procurement)

- ❖ **PCP cofund Actions (70% funding rate):**
 - Provides EU cofunding for an actual PCP procurement (one joint PCP procurement per action) + for related coordination and networking activities (e.g. to prepare, manage and follow-up the PCP call for tender)

- ❖ **PPI cofund Actions (20% funding rate):**
 - Provides EU cofunding for an actual PPI procurement (one joint PPI procurement per action) + for related coordination and networking activities (e.g. to prepare, manage and follow-up the PPI call for tender)



PCP and PPI cofund actions - Role different actors



- ❑ **Beneficiaries:** min 3 independent legal entities from 3 different Member States or Associated countries + possibly other types of procurers + other types of beneficiaries

- ❑ **Buyers group**
 - Beneficiaries that provide the financial commitments to undertake the PCP or PPI.
 - Min 2 public procurers from 2 different Member States or associated countries
 - Shall represent the demand side for the innovations, a critical mass of procurers that can trigger wide implementation of the innovations, shall aim for ambitious quality/efficiency improvements in area of public interest.

- ❑ **Lead procurer**
 - Procurer in project appointed by buyers group to lead and coordinate the PCP or PPI.

- ❑ **Subcontractors**
 - Successful tenderers, selected by the buyers group & lead procurer as result of the PCP or PPI call for tender, to provide the R&D services (PCP) or innovative solutions (PPI). They do 'NOT' enter the grant agreement with the EC.



PCP and PPI cofund actions - Eligible activities



In the proposal, consortium shall already identify a specific challenge in the innovation plans of the procurers that requires innovation + KPIs (targeted quality/efficiency improvements) for the PCP/PPI. Eligible activities:

❑ **Preparation stage**

- Preparation of **one** joint PCP or PPI procurement per action
 - Open market consultation /verification of market readiness to meet procurement need
 - If relevant to the action, other coordination or networking activities
- Outcome
 - Agreed common tender specifications + Joint procurement agreement
 - Confirmation of commitment on availability of financial commitments to start PCP/PPI

❑ **Execution stage**

- Joint procurement of the R&D services (PCP) or innovative solutions (PPI)
- For PCP: Validation/comparison of the performance of the competing PCP solutions against jointly defined criteria in real-life operational conditions
- For PPI: Evaluation of results of deploying and operating the procured solutions in real-live operating conditions
- Dissemination/exploitation of results

If relevant to the action, other coordination or networking activities (e.g. preparation of follow-up PPI, contribution to standardisation / regulation / certification)

PCP and PPI cofund actions – EU contribution



- ❑ **Reimbursement rate direct costs: Max 70% of eligible costs for PCP cofund actions, Max 20% of eligible costs for PPI cofund actions**
 - Eligible direct costs to carry out eligible activities defined in WP include:
 - Price of the R&D services (PCP) or innovative solutions (PPI) procured (if procurement conducted in compliance with requirements in Annex E WP)
 - Eligible coordination and networking activities
 - May include in-kind contributions (e.g. third parties putting resources at disposal of beneficiaries e.g. for testing of solutions)
 - VAT is an eligible cost unless for beneficiaries that can deduct it
 - Flexibility: Consortium may choose to use part of the Union contribution to increase the support to coordination and networking activities/budget for call for tender as long as the Union contribution does not exceed 70% (PCP)/20% (PPI) of the sum of those costs and the price of the call for tender. Or other way around.
 - Requested reimbursement for coordination and networking can comprise max 30% (for PCP) / max 50% (for PPI) of total requested grant
- ❑ **Plus 25% for indirect costs.** But, no indirect costs on the price of the PCP/PPI procurement or on 3rd party resources not used at the beneficiaries premises
- ❑ **Pre-financing:** Yes, 1st pre-financing at start project for costs for preparation stage, 2nd pre-financing before execution stage for costs for rest (incl. call for tender)



Example PCP cofund action

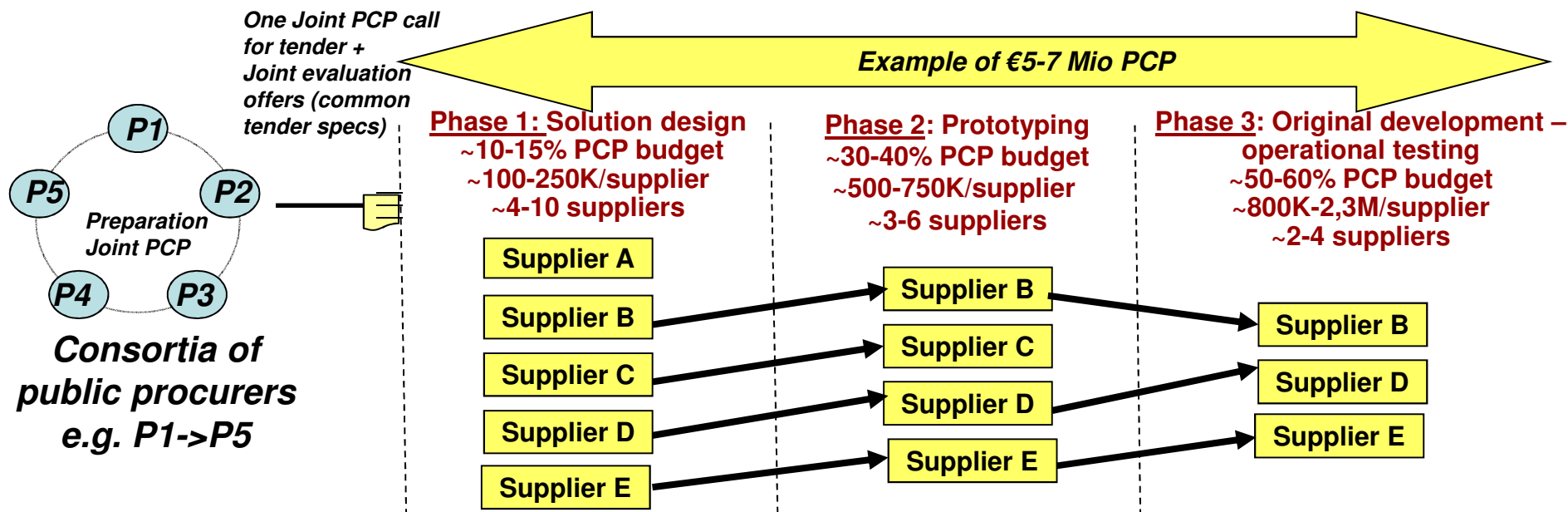


Example: 5 €M PCP cofund grant

- EU contribution: e.g. 0,7 €M for coordination + 4,3 €M for PCP (procurement of 6,1 €M)
- EU contribution: Max 1,5 €M for coordination + 3,5 €M for PCP (procurement of 5 €M)

Example: 3 €M PCP cofund grant

- EU contribution: e.g. 0,7 €M for coordination + 2,3 €M for PCP (procurement of 3,3 €M)
- EU contribution: Max 0,9 €M for coordination + 2,1 €M for PCP (procurement of 3 €M)



Example PPI cofund action

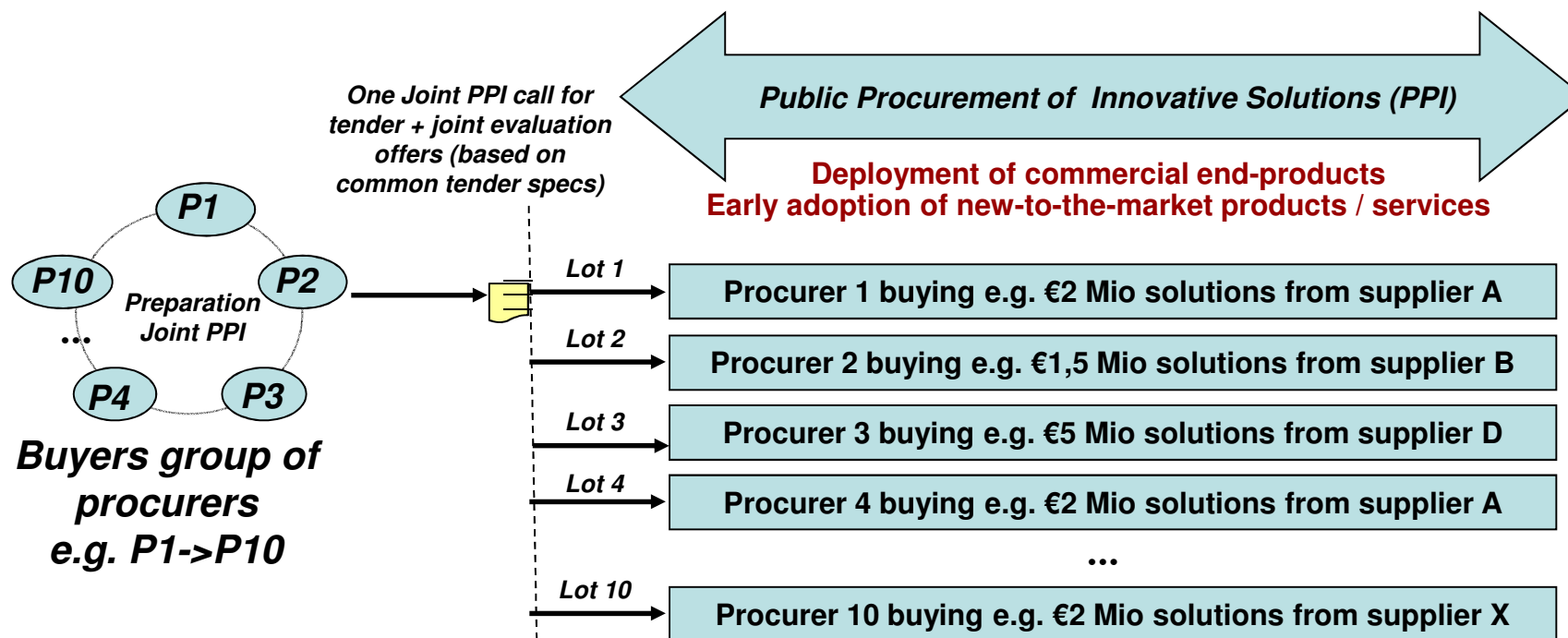


❑ Example: 5 €M PPI co-fund grant

- ❑ EU contribution: e.g. 0,2 €M for coordination + 4,8 €M for PPI (procurement of 24 €M)
- ❑ EU contribution: Max 2,5 €M for coordination + 2,5 €M for PPI (procurement of 12,5 €M)

❑ Example: 2,5 €M PPI co-fund grant

- ❑ EU contribution: e.g. 0,2 €M for coordination + 2,3 €M for PPI (procurement of 11,5 €M)
- ❑ EU contribution: Max 1,25 €M for coordination + 1,25 €M for PPI (procurement of 6,25 €M)





Official Horizon 2020 docs setting conditions for PCP and PPI cofund actions:

http://ec.europa.eu/research/participants/portal/desktop/en/funding/reference_docs.html#h2020-work-programmes-2014-15-annexes (Annex D&E)

CNECT website on PCP and PPI:

FAQs, ongoing projects, initiatives in Member States, upcoming events, etc

Keep informed: [subscribe yourself to the CNECT PCP-PPI newsletter](#)

http://cordis.europa.eu/fp7/ict/pcp/home_en.html

Slides from PCP-PPI in H2020 info day:

Funding conditions for PCP-PPI support in Horizon 2020

Synergies between Horizon 2020 and ESIF funding for PCP-PPI

How to find partners, budget, write a proposal. Proposal submission & evaluation

Proposal ideas from participants that attended the info day

http://cordis.europa.eu/fp7/ict/pcp/events_en.html

Finding partners: [Procurement forum](#), [PCP-PPI LinkedIn group](#)





PCP-PPI

Synergies with ESIF



Synergies between Horizon 2020 and ESIF funding



EUROPE 2020

***COHESION POLICY
2014-2020***

***SMART SPECIALIZATION
facilitates synergies
with H2020***

H2020



Cohesion policy may support measures in OPs



- **To foster more innovative public procurement procedures and admin capacities**
 - TO 11 (IP11) Enhancing institutional capacity and an efficient public administration
 - TO 2 (IP2C) strengthening ICT apps for e-gov, e- learning, e-inclusion, e-culture and e-health
 - Beneficiaries & target group: procurement officers (improving know-how to run PCP/PPI procedures)**

- **To foster innovation through public procurement - both PCP and PPI**
 - TO 1 (IP1B) Strengthening research, technological development and innovation
 - Beneficiaries: public procurers (e.g. open call offering co-financing from the OP to procurers from the region to prepare and carry out PCPs and PPIs, best ideas selected = public sector challenges that would generate maximum quality / efficiency improvement for region if solved by innovations)**
 - Target group: public sector (improved quality/efficiency) and enterprises (business opportunities)**

- **To foster better meeting of public needs through buying the development (PCP) and deployment (PPI) of innovative solutions**
 - TO 1 (IP1A) enhancing research and innovation (R&I) infrastructure
 - TO 2 (IP2C) strengthening ICT apps for e-gov, e- learning, e-inclusion, e-culture and e-health
 - TO 4 (all IPs) supporting the shift toward a low –carbon economy in all sectors
 - TO 5 (all IPs) promoting climate change adaption, risk prevention and management
 - TO 6 (all IPs) preserving and protecting the environment and promoting resource efficiency
 - TO 7 (all IPs) promoting sustainable transport & removing bottlenecks in key network infrastructures
 - Beneficiaries: public procurers such as town planners, transport, environment, health etc. authorities and ministries (ERDF, Cohesion Fund and ESF)**
 - Target group: public sector (improved quality/efficiency) and enterprises (business opportunities)**



Categories of possible synergies



CATEGORIES OF POSSIBLE SYNERGIES BETWEEN H2020 AND ESIF ON PCP/PPI

Joint or simultaneous use of funds

(H2020 and ESIF funding used in same project to co-finance different cost items)

Sequential funding

(ESIF funding the preparation and H2020 the execution of a PCP or PPI, or other way around)

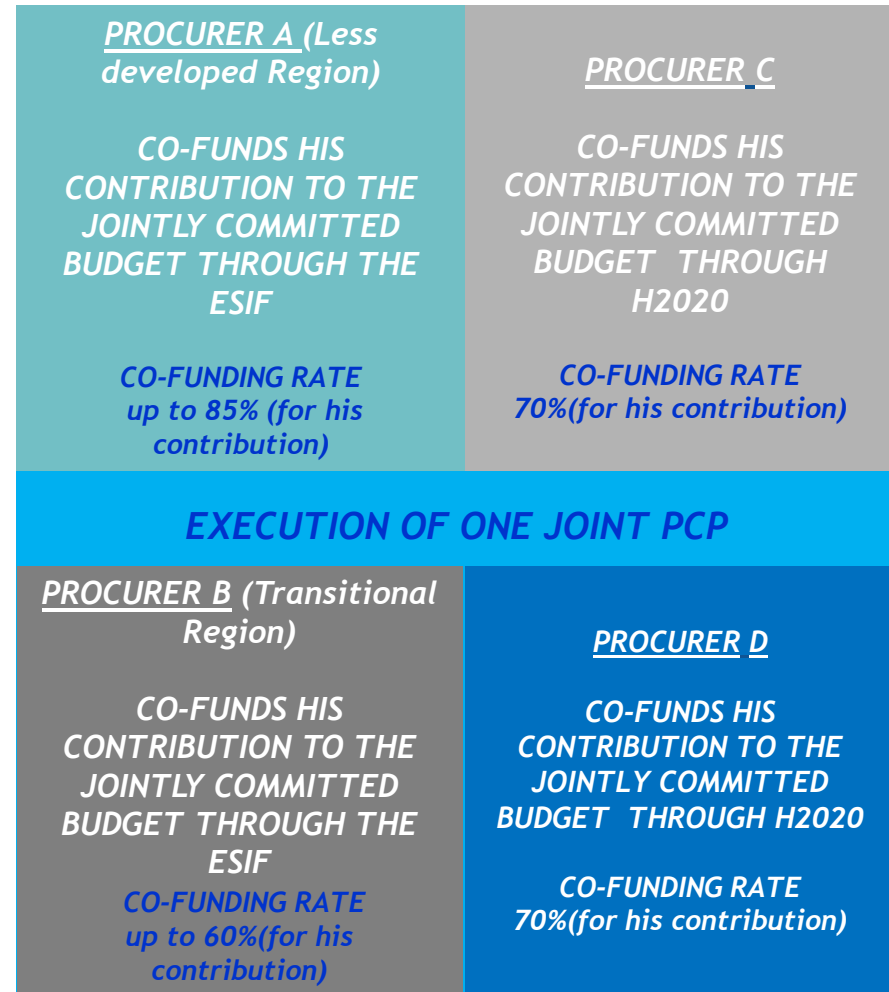
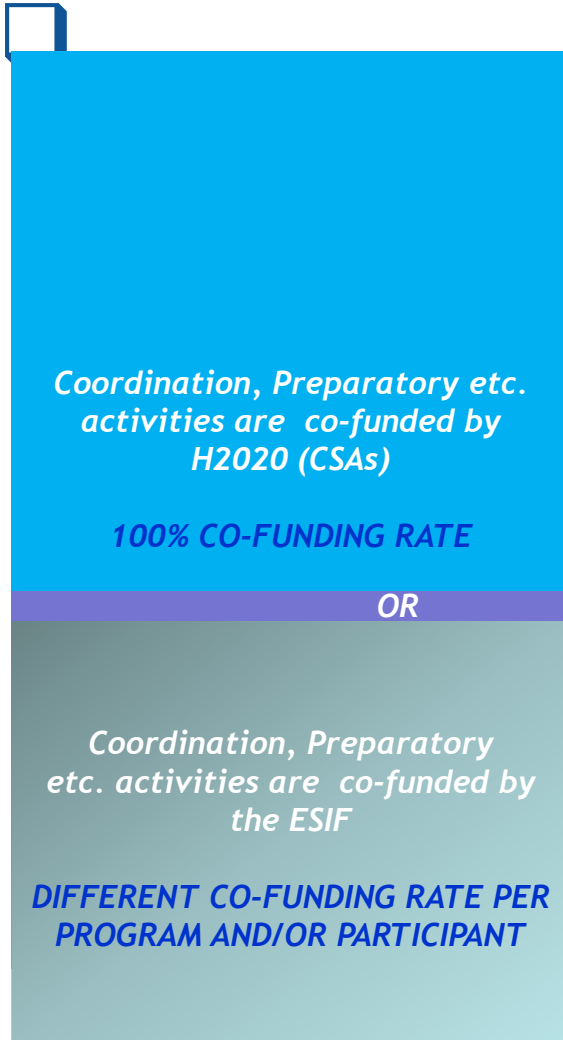
Additional funding

(ESIF funding complementary activities such as skills enhancement to use solutions purchased by a PPI funded by H2020)

Alternative funding

(ESIF funding good quality projects that could not be funded through due to lack of H2020 call budget)





Simultaneous use of funds: Possible scenario PCP



Joint PCP carried out in the context of a H2020 PCP Cofund action: one procurer in the buyers group may receive co-funding from the ESIF for his contribution to the total PCP budget and others from H2020 for their contribution to the PCP total budget.

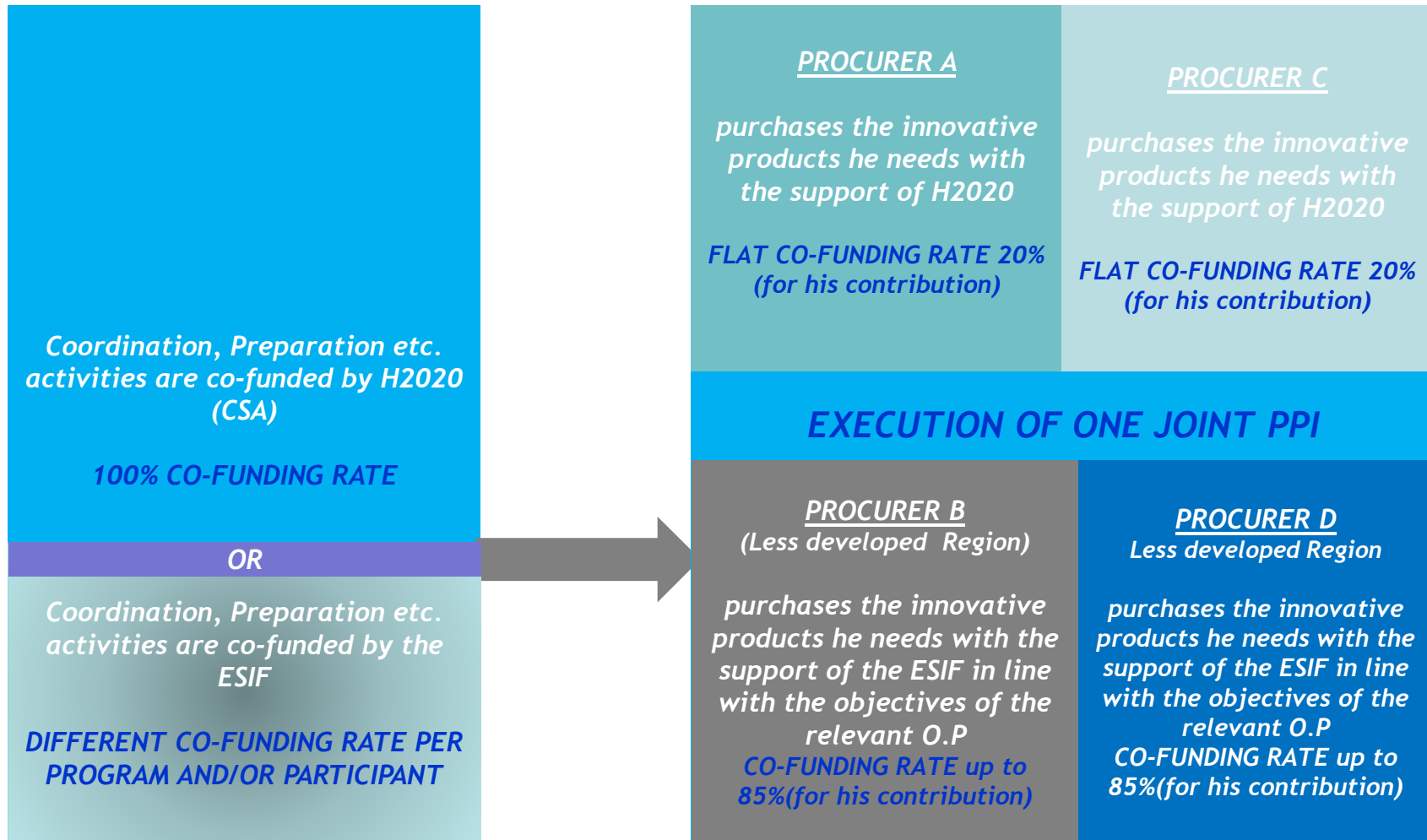
By using ESIF Funds, procurers from less developed Regions could receive higher co-funding rates (up to 85%) to participate in a PCP/PPI called for by Horizon 2020 that is implemented by/in cooperation with procurers from more advanced Regions (up to 70% funding rate).

- This scenario is applicable only if there is a clear distinction between budgets offered per OP and between expenditures co-funded by the ESIF (per OP) vs expenditures co-funded by H2020.

Possible implementation - each R&D provider is paid pro rata by each procurer in the buyers group according to the share of each procurer's contribution to the jointly committed budget for the PCP.

Condition for success : synchronization between the ESIF calls and the H2020 cofund action calls





Simultaneous use of funds: Possible scenario PPI



Joint PPI carried out in the context of a H2020 PPI cofund action: One procurer in the buyers group located in a less developed Region can be co-funded by the ESIF (up to 85% rate) to purchase the amount of innovative products he needs, and another procurer in another MS can be co-funded by H2020 (20% rate) to purchase the amount of innovative solutions he needs.

This scenario is applicable only if there is a clear distinction between budgets offered per OP and between expenditures co-funded by the ESIF (per OP) vs expenditures co-funded by H2020.

- *Implementation option 1: under a joint Framework Contract/Agreement which provides the joint technical specifications, separate specific contracts are implemented by the procurers according to their national law for the purchase of the amount of innovative solutions they each want*

Or

- *Implementation option 2: the lead procurer launches one procurement procedure, awards all the contracts, but every individual procurer pays the invoices for the products he buys for himself*

Condition for success : synchronization between the ESIF calls and the H2020 cofund action calls





IT IS NOT ALLOWED !!!!!

- *To use ESIF and H2020 funding accumulatively to finance the same cost/expenditure item*
- *To finance the own contribution of the participant from H2020 or ESIF*
- *To give preferential treatment to local suppliers in PCP or PPI procurements funded by H2020 and/or ESIF*

How to get started?



- Include innovation procurement (PCP + PPI) in the RIS3 SWOT and policy mix.
- Build PCP/PPI references in to OPs in every relevant thematic objective.
- Ensure support of innovation procurement in the framework of the European Territorial Cooperation.
- Involve MA from the beginning to ensure availability of ESIF & synchronisation.



Calls supporting PCP-PPI in Horizon 2020 2014-2015



Calls for PCP cofund actions



• ICT LEIT Work Program

- ICT-23(c): Robotics for public safety, environment & infrastruct. monitoring (€ 5M, 2014)
- ICT-2(c): Smart system integration for in-vitro diagnosis in healthcare (€ 3M, 2014)
- ICT-3(d): Electronic and photonic textile technology for healthcare sector (€ 2,5M, 2014)
- ICT-24(d): Robotics for healthcare sector (€ 5M, 2015)
- ICT-8(a): Boosting public service productivity/services via cloud computing (€ 9M, 2015)
- ICT-36: Call open to any area of public interest needing ICT based solutions (€ 4M, 2015)

• Health Societal Challenge Work Program

- PHC 27: Selfmanagement of health and disease and patient empowerment supported by ICT (€ 15M, 2015)

• Security Societal Challenge Work Program

- DRS 18: Interoperable next generation of broadband radio communication system for public safety and security (no predefined max budget for PCP cofund proposals, 2014)

• Research Infrastructure Work Program

- INFRA2(b): Scientific instrumentation for research infrastruct. (part of € 14M, 2015)
- EINFRA8: Geant – novel telecom and Internet technologies (part of € 25M, 2015)



Calls for PPI cofund actions



- **ICT LEIT Work Program**

- ICT-8(b): Boosting public service productivity/services via cloud computing (€ 13M, 2015)
- ICT-20(d): ICT technologies for better human learning (€ 10M, 2015)
- ICT-27(b): Photonics – software defined optical networking technologies and services for National Research and Education Networks (€ 5M, 2015)

- **Health Societal Challenge Work Program**

- PHC 29: eHealth services (€ 10M, 2015)

- **Transport Societal Challenge Work Program**

- MG 8.3: Transport Infrastructure (€ 13M, 2015)

- **Research Infrastructure Work Program**

- INFRASUPP2(c): Scientific instrumentation for research infrastructure (part of € 14M, 2015)



Calls for Coordination and Support Actions



- **Food Societal Challenge Work Program**

- ISIB 7-2014: Networks of procurers preparing PPI on bio-based products (€ 2M, 2014)

- **Energy Societal challenge Work Program**

- EE 7-2014/2015: Enhancing the capacity of public authorities to plan, finance and implement sustainable energy plans & policies e.g. in buildings, mobility (no max total budget, part of big call, € 1,5/2M per project)
- EE 8-2014: Targeting procurements for products already on the market
 - a) Preparing and supporting PPIs on sustainable energy products
 - b) Preparing and supporting PPIs or PCPs on ICTs e.g. green data centers (no max total budget, part of big call, € 1/1,5M per project)
- EE 17-2015: Targeting min 25% higher-than available energy performance levels
 - b) Preparing and supporting procurements by large buyers groups (no max total budget, part of big call, € 1,5/2M per project)
- SCC 4-2014: Networks of local administration public procurers on smart city solutions, to prepare for PPI on solutions at the intersection of ICT, energy, transport (€ 0,1M/0,15M per proposal , € 1M in total for SCC-4)

- **Climate Societal Challenge Work Program**

- WASTE-5-2014: Preparing and supporting PPI for eco-innovative solutions for resource efficiency, waste management and prevention (€ 1M)
- SC5-8-2014: Preparing and supporting PCP on soil decontamination/remediation (€ 2M)

Calls for Coordination and Support Actions



• ICT LEIT Work Program

- [ICT-35\(f\)](#): European Procurer Platforms preparing joint cross-border PCPs or PPIs, call open to any area of public interest that requires new ICT solutions (€ 1M, 2014)
- ICT-26(c): European cities focusing on wide deployment/PPI of SLL lighting solutions (part of call for 3 CSAs for max total of € 5M, 2015)

Other calls for CSAs in other areas of ICT that can address PCP/PPI, for example:

- ICT-33: Supporting network of ICT National Contact Points including in promoting new Horizon 2020 funding instruments such as PCP and PPI to procurers (€ 4M, 2014)
- ICT-30(b): CSAs to develop ecosystem for Internet of things that could address also PCP (part of call for 3 CSAs for max total of € 5M, 2015)
- ICT-7(c): CSAs to support adoption of cloud computing (€ 2M, 2015)

• Security Societal Challenge Work Program

- DRS 5-2014: Preparing PCP in crisis management – situation awareness civil protection decision making solutions (no max budget predefined, part of large call)
- BES-11-2014: Information management, systems and infrastructure for civilian EU External Actions (no max budget predefined, part of large call)

• Research Infrastructure Work Program

- INFRASUPP1-2014: Awareness raising, networking, portal publishing call for tenders and future needs (€ 2M, 2014)
- INFRASUPP2-2015 (a): Exploring future use of joint PCP and PPI in research infra (part of € 14M call, 2015)



Quite some ICT related PCP-PPI calls

ICT is pretty wide domain



- ICT covers
 - Components and systems: embedded ICT systems, minituarisation / system integration, advanced thin large organic and large area electronics
 - Advanced computing (e.g. customised and low power computing)
 - Future Internet (e.g. smart novel Internet architectures and experimentation platforms, optical and wireless network technologies, cloud computing infrastructure and services, tools and methods for software development, web entrepreneurship)
 - Content technologies and information management (e.g. big data handling, content handling and modelling, automatic learning language translation systems, creative industries / social media ICTs, ICTs for learning / teaching and gaming, multimodal natural computer interaction)
 - Robotics
 - Micro- and nano electronics, cross-cutting ICT KETs, photonics (e.g. (O)LED lighting)
 - High Performance computing
 - Cybersecurity / trustworthy ICT
 - Human-centric ICT solutions





PCP-PPI

Case Examples

National Projects



PCP examples in Member States - Healthcare



Potential £19m p.a. saving



Potential £30m p.a. saving



£4,000 per HCAI avoided



Potential £160m p.a. saving



PCP Niguarda Hospital – Lombardy region

Potential Value PCP-like projects to NHS in UK:

- ❑ Improve the quality of the patient experience and generate significant cost savings (£236m).

Value to the economy:

- ❑ A number of innovators/SMEs have attracted significant extra investment (£290m).

Easy-to-use automated universal system for moving hospital beds, with anti-collision and safety systems, not needing guide lines or tracks even on non rectilinear routes

PPI examples in Member States



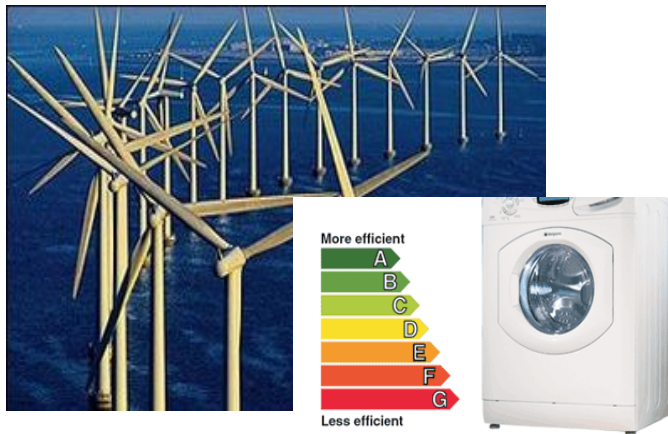
Ultra efficient lighting for future wards
Rotherham NHS Foundation Trust UK

- 30% energy consumption savings
- 88% maintenance savings

Total cost savings enable take-in of +10% patients



For more info: <http://lowcarbon-healthcare.eu/main/case-studies>
<http://cordis.europa.eu/fp7/ict/pcp/uk-nhs-pcp-fcp-case.pdf>



Swedish environmental/energy efficiency PPIs
done by NUTEK/STEM agency:

- on-cooling of buildings
- public transportation (hydrogen busses)
- office blocks (sun shading, lighting)
- white appliances (washing machines, fridges)
- wind energy parks

Result: Reduced the SE dependency on nuclear energy with 15% through PPIs in combination with product certification/labeling, take-up subsidies & tax incentives

More on UK & SE PPI cases: http://cordis.europa.eu/fp7/ict/pcp/msinitiatives_en.html





PCP-PPI

Case Examples

EU funded Projects

in ICT domain



EU funded transnational PCPs Elderly Care



Project timing: 1 Jan 2012 (45 months)

Value PCP: € 2,156M

Contact: stephen.browning@tsg.gov.uk

Project website: www.silverpcp.eu

7 Local and regional contracting authorities from 5 EU Member States carrying out this PCP jointly: city of Odense and region of Southern Denmark (Denmark), city of Västerås (Sweden), city of Vantaa and Oulu (Finland), city of Stockport (UK), city of Eindhoven (Netherlands).

SILVER contracting authorities jointly procure R&D services via the PCP to get robotics solutions developed and tested in the 5 participating countries that will allow by 2020 to care for 10% more elderly people living independently at home with the same amount of care staff.

Latest News: Phase 1 R&D is ongoing with 7 contractors/consortia!
More info here: <http://www.silverpcp.eu/results-of-the-silver-competition/>

The SILVER PCP (R&D work) is ongoing:
7 tenderers competing in PCP phase 1, up to 4 expected in PCP phase 2, up to 3 in PCP phase 3



Examples EU funded transnational PCPs Traffic Management



CHARM

Project timing: Sept 2012 (48 months)

Value PCP: € 2,88M

Contact: ian.chalmers@highways.gsi.gov.uk

Project Website: tinyurl.com/CHARM-PCP

CHARM project is lead by 3 road authority procurers: Rijkswaterstaat (NL), Highways Agency (UK), Department Mobility and Public Works - MOW (BE). Nine additional road authorities are associated to the CHARM PCP to maximise potential market commercialisation: Connekt (NL), Landesbetrieb Straßenbau NRW (DE), ASFINAG (AT), Trafikverket (SE), National Roads Authority (IE), Société des autoroutes de Paris et Normandie (FR), LGC transport (DK), Transport for London (UK), Mobiris (BE)

The CHARM PCP focuses on the move towards an open modular traffic management architecture by getting modules developed that will optimise network performance, increase road safety and reduce CO2 emissions by improving network management, incident prediction and prevention and cooperative ITS. Benchmarking indicates 20% cost reduction on cost of traffic management centers can be achieved by moving towards an open modular architecture agreed across European countries.

**Latest News: CHARM PCP call for tender closed. Phase 1 about to start,
Max 12 tenderers expected competing in PCP phase 1, 9 in PCP phase 2, and 6 in PCP phase 3**



Examples EU funded transnational PCPs

Energy efficient supercomputing



PRACE 3IP

Project Timing: 1 July 2012 (48 months)

Value PCP: € 9M

Contact: Florian Berberich (prace-ac@fx-juelich.de)

Project website: www.prace-ri.eu/PRACE-Third-Implementation-Phase

The PRACE 3IP PCP is a cooperation between 4 European procurers of supercomputing equipment: CINECA (IT), Juelich Supercomputing Center (DE), Genci (FR), EPCC (UK)

The PRACE 3IP contracting authorities pilot joint procurement and joint ownership of innovative HPC prototypes, focusing with the PCP on high energy efficiency supercomputing.

**Latest News: PRACE 3IP PCP call for tender closed.
Offers currently under evaluation.**



Examples EU funded transnational PCPs

Smart personal protective systems



smart@fire

Project timing: 15 Nov 2012 (39 months)

Value PCP: € 600K

Contact: Christophe Veys (smartatfire@iwt.be)

Project website: www.smartatfire.eu

SMART@FIRE is a cooperation between procurers of equipment for fire fighters and first responders: Federal Home Affairs Ministry (BE), SDIS Fire Department Bouches-du-Rhone (FR), Fire Department city Dortmund (DE), Greater Manchester Fire and Rescue Authority (UK), National Disaster Response Agency (NL)

SMART@FIRE contracting authorities' depth needs assessment showed that the R&D focus for the PCP should be on localization systems, data transfer, visualization and sensors.

Latest News: SMART@FIRE market consultation finished in October 2013 !
<http://www.smartatfire.eu/en/project-status/phase-1-market-consultation.aspx>

Publication of SMART@FIRE PCP call for tender expected spring 2014.



Examples EU funded transnational PCPs Personalised healthcare



DECIPHERPCP

Project Timing: 1 Feb 2013 (36 months)

Value PCP: € 900K

***Contact: Rossana Alessandro
(ralessandro@gencat.cat)***

Project website: www.decipherpcp.eu

DECIPHER procurers are public health providers: TICSALUT (ES), ESTAVC (IT), Central Manchester University Hospital NHS Foundation Trust (UK)

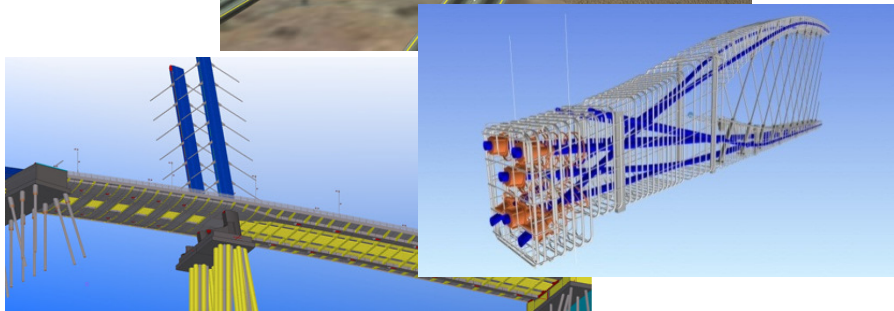
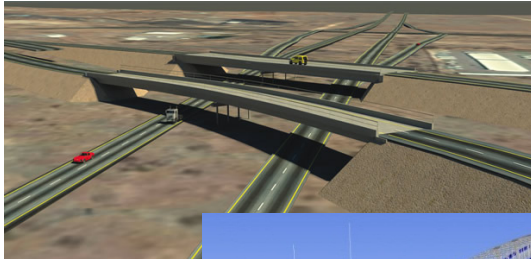
DECIPHER aims to generate interoperable applications, developed on a pan-European platform to improve existing healthcare services, building on secure mobile devices for access to prescription data, emergency data, examination results and other health information.

Latest News: DECIPHER market consultation finished in October 2013 !
www.decipherpcp.eu/news-and-events/decipher

Publication of DECIPHER PCP call for tender expected spring 2014.



Examples EU funded transnational PCPs Virtual Road Construction



V-con

Project Timing: Oct 2012 (48 months)

Value PCP: € 1,467M

Contact: benno.koehorst@rws.nl

Project Website:

www.rws.nl/en/highways/v_con

V-CON is a cooperation between procurers in the domain of road administration:
Rijkswaterstaat (NL), Centre Scientifique et Technique du batiment (FR), Traficverket (SE), TNO (NL)

The PCP undertaken by the V-CON contracting authorities focuses on R&D for virtual modelling of road infrastructure.

Latest News: V-CON project is on-going and preparing its requirements!

**Open Market Consultation planned 17-19 March 2014
Publication of V-CON PCP call for tender expected by summer 2014.**



Examples EU funded transnational PCPs

Cloud computing



Project Timing: June 2013 (42 months)

Value PCP: € 10M

Contact: linda.strick@fokus.fraunhofer.de

Project website: www.cloudforeurope.eu

C4E (Cloudforeurope) is a cooperation between 22 public authorities across 10 European countries. Procurers undertaking the PCP together: Fraunhofer (DE), Ministry of finance and public administration (ES), Bundesrechenzentrum (AT), Ministry of Internal Affairs (NL), Ministry of Finance - Tax Service (NL), Ministry of Justice and Public Administration (SI), Ministry of Finance (FI), Entity of shared services for public administration IP (PT), Digital Agenda Agency Italy (IT)

The main c4E objectives are to identify obstacles for cloud use in the public sector, defining services that overcome these obstacles, procuring R&D from industry to find innovative solutions for cloud services

Latest News:

Cloudforeurope project started June 2013

First C4E project conference took place 14-15 November 2013

Open market consultation planned 31 March 2014



Example EU funded transnational PCPs E-learning



Project Timing: February 2014 (42 months)

Value PCP: € 4,6M

Contact: Ellinor Wallin (ellinor@euprojektkonsult.se)

Project website:

<http://openeducationeuropa.eu/en/project/imaile>

<http://www.halmstad.se/forskolaskola/kvalitetochutveckling/internationelltarbete/fp7imaileproject.10315.html>

IMAILE procurers are: Halmstads Kommune (SE) and Alexandersson University Institute Varberg (SE), University of Magdeburg (DE), Municipality of Konnevesi (FI), City Council Viladecans (ES). Other partners: Region Saxony Anhalt (DE), Oulu IT Center of Excellence (FI), INOVAMAIS (PT), ENTER (Austria), INOVA Eszak-Alfold Regional Development and Innovation Agency (HU)

The IMAILE PCP will focus on new technologies and services for e-learning which address the challenge of providing the next generation of Personal Learning Environments (PLE) for primary and secondary school. This should address students within the topics of Science, Math and Technology, support different learning styles in an individualized way and be accessible from any device including to bring your own device (BYOD).

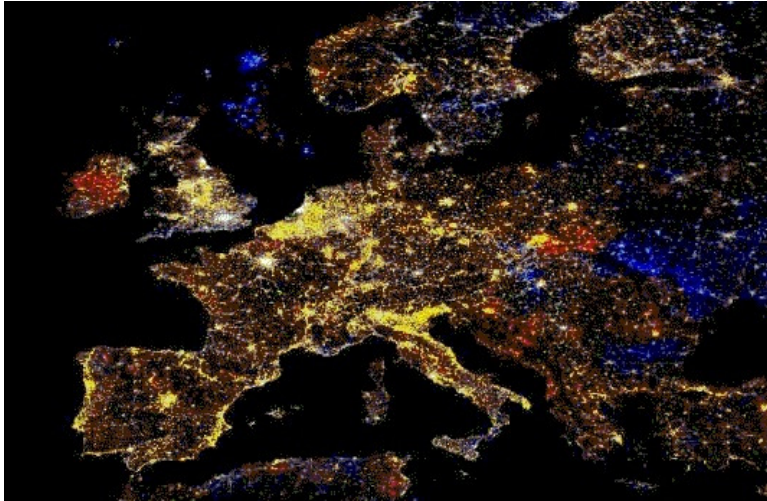
Latest News:

IMAILE project started February 2014, preparing open market consultation



Example EU funded transnational PCPs

Lighting for cities



Project Timing: October 2013 (36 months)

Value PCP: € 3,77M

Contact: Irmo Kaal (i.kaal@eindhoven.nl)

Project website: <http://www.enigma-project.eu/en/>

In ENIGMA 5 public procurers will conduct a PCP on innovative lighting solutions for cities addressing urban safety and energy efficiency issues: Eindhoven (NL), Stavanger (NO), Comune di Bassano del Grappa (IT), Malmo (SE), Espoo (FI). Other partners: Eurocities, Luci (FR), ICLEI Europe (DE), Innova (IT), AATRM (ES), TNO (NL), TU/e (NL), Ministry eco. affairs (NL), Aalto (FI)

Latest News:

ENIGMA project started October 2013

Training and deep dive city needs done, open market consultation starting

Examples EU funded transnational PCPs

Digital preservation



Project Timing: January 2014 (36 months)
Value PCP: € 2,136M
Contact: borje.justrell@riksarkivet.se
Project website: www.preforma-project.eu

Procurers: Riksarkivet - National Archives(SE), Beeld en Geluid (NL), Koninklijk Instituut voor het kunstpatrimonium (BE), Greek Film Center (GR), Local Government Management Agency - LGMA (IE), Stiftung Preussischer Kulturbesitz (DE), Ayuntamiento de Girona (ES), Ministry of Culture - EVKM (EE), Kungliga Biltoteket - National Library (SE)
Other partners: Packet Expertisecentrum Digitaal Erfgoed (BE), Promoter SRL (IT), Fraunhofer (DE), University of Skövde (SE), University of Padua (IT),

The PREFORMA PCP addresses the challenge faced by memory institutions of increasing transfers of electronic documents and other media content for long term preservation. PREFORMA intends to establish a long-term sustainable ecosystem of innovative tools and to provide a reference implementation of the most common file format standards for the assessment and for the correction of the collections to be archived.

Latest News:

PREFORMA project started January 2014. Open market consultation 4 April 2014.
Launch PREFORMA PCP call for tender expected beginning summer 2014.



Examples EU funded transnational PCPs Telemedicine for ICU-patients at increased risk



Thalea^{'''}

Project Timing: February 2014 (42 months)

Value PCP: € 1,55M

Contact: Legewie Volker (vlegewie@ukaachen.de)

Project website: www.thalea-pcp.eu

Procurers: University Clinic Aachen (DE), University Hospital Maastricht (NL), Parc Tauli Sabadell University Hospital (ES), Hospital East Limburg (BE), Northern Ostrobothnia Hospital District (FI)

Other Partners: Ministry for Research & Innovation North-Rhine Westphalia (DE), NLA Agency (NL), AIAQS (ES)

Through the THALEA project, 5 hospitals from Germany, Netherlands, Spain, Belgium and Finland will initiate a joint Pre-Commercial Procurement focusing on getting a highly interoperable telemedicine-platform developed for detection of ICU-patients at increased risk.

Latest News:

THALEA project started November 2013. Open market consultation ended February 2014.

Launch THALEA PCP call for tender expected before summer 2014.



Examples EU funded transnational PCPs

Mobile care for vaccination/heart failure



UNWIREDHealth

Project Timing: January 2014 (36 months)

Value PCP: € 2,136M

***Contact: Ignasi Garcia-Milà
(igarciamila@ticsalut.cat)***

Project website: www.unwiredhealth.eu

Procurers: Fundacio Ticsalut (ES), NHS 24 Scotland (UK), Region South Denmark (DK)

Other Partners: Agencia de qualitat i avaluacio sanitaris de catalunya (ES), Greater Glasgow Healthboard (UK), Continua Health Alliance (BE), IHE-EUR (BE), GSM Association (UK)

UNWIRED HEALTH aims to introduce a mobile care path for consumers in order to enable patient-centric care, using mobile devices and converging interoperable platforms across multiple nations. The PCP focuses on services (1) to improve vaccination coverage and adherence (2) to coach patients with heart failures enabling education, motivation, remote monitoring and other functionalities, integrating and coordinating care provided by a hospital and the primary care physician.

Latest News:

UNWIRED HEALTH project started January 2014. Open market consultation expected autumn 2014.

Launch PCP call for tender expected beginning 2015.



Examples EU funded transnational PCPs Mental care for bipolar disorders



NYMPHA-MD

Project Timing: January 2014 (42 months)

Value PCP: € 1,6M

Contact: ricardo.pro@create-net.org

Project website: www.nympha-md-project.eu

Procurers: Provincia Autonoma di Trento(IT), Mental Health Services Capital Region Copenhagen(DK), CSPT - University Hospital (ES)

Other Partners: CREATE-NET (IT), Fundacia Parc Tauli de Sabadell(ES)

In NYMPHA-MD, 3 procurers representing mental care hospitals from Italy, Denmark, and Spain will do a PCP for the provisioning of next generation services advocated for mental health treatment with a special focus on bipolar disorder based on the use of new technologies, open standards and open platforms. The PCP aims to provide a set of pilot experimentations implementing mobile ehealth services for bipolar disorder treatment in a real-world context.

Latest News:

NYMPHA-MD project started January 2014. Open market consultation expected summer 2014.

Launch NYMPHA-MD PCP call for tender expected end 2014.



Examples EU funded network of procurers eHealth domain



Project Timing: October 2013 (24 months)
Contact: anna.maksimainen@nhg.fi
Project website: www.inspirecampus.com

INSPIRE is a CSA (coordinating and networking) project with partners: Nordic Healthcare Group (FI), BITECIC (UK), AIAQS (ES), Resah-Idf (FR), TEHA (IT), BBG (AT)

INSPIRE aims to create a network of contracting authorities to foster demand for innovation in eHealth, active ageing and independent living. INSPIRE aims to achieve practical impact on increasing the use/start of PCP projects in partner regions and forward looking PPI strategies. INSPIRE also aims to build the link between public procurers undertaking PCPs and PPIs and venture capital activities.

Latest News:
INSPIRE project started October 2013



Examples EU funded network of procurers ITS-Transport domain



Project Timing: Dec 2013 (30 months)

***Contact: Sebastien Mure
(s.mure@mail.ertico.com)***

Project website: www.P4ITS.eu

P4ITS is a CSA (coordinating and networking) project with partners: ERTICO (BE), North Denmark Region (DK), Austriatech (AT), ASFINAG (AT), Vlaams Gewest (BE), Ayuntamiento de Vigo (ES), CITAG Galicia (ES), Liikenevirasto (FI), VTT (FI), EARDA (HU), ITS Bretagne (FR), Commune di Verona (IT), Tudor (LU), ITS Sweden (SE), Region Liguria (IT), OHL (ES), TOPOS Aquitaine (FR)

P4ITS will create a network experienced or planning to shortly embark on deploying cooperative ITS, willing to improve the market roll-out of innovative transport systems through public procurement of innovative solutions (PPI). The network will enable explore common issues and themes with counterparts from in other countries, with a view to developing a more concerted approach for ITS deployment in Europe.

**Latest News:
P4ITS project started December 2013**



Example transnational PPI Elderly Care



Project Timing: April 2014 (36 months)
Value PPI: € 17,2M
Contact: Henk Herman, Smart Homes
(h.h.nap@smart-homes.nl)
Project website: stopandgoproject.eu

STOP AND GO is led by 6 procurers: Regional Health Agency Campania (IT), Health agency province Catanzaro (IT), Health agency Rome (IT), Eastern Cheshire Clinical Commissioning Group (UK), Health procurement agency/Junta de Andalucia (ES), Gemeente Helmond (NL)

The STOP AND GO procurers plan to undertake together a €17,2M public procurement of innovative solutions to trigger the market to deliver ICT based telecare services that enable to care for frail elderly that suffer from multiple conditions at the same time such as heart failure, diabetes, etc.

Additional health sector organisations that also participate in the project help to develop PPI tender specifications suitable for European wide deployment of the solutions.

Latest News: [STOP AND GO project expected to start 1 April 2014](#)





More detailed info on EU funded PCP-PPI projects in ICT field:
http://cordis.europa.eu/fp7/ict/pcp/projects_en.html

More info on other PCP & PPI initiatives in countries around Europe (not necessarily EU funded):
http://cordis.europa.eu/fp7/ict/pcp/msinitiatives_en.html)

