

e-infrastructures

Kostas Glinos
DG CONNECT

Promoting the innovation potential

Stimulate innovation within the e-infrastructures and in their supplier and user industry

- *R&D partnerships with supply industry in high-tech areas*
- *Pre-commercial procurement by e-infrastructure actors*
- *Stimulate use by industry*
- *Promote the integration of RIs in innovation ecosystems*

Public services

Social Innovation

Culture and
education

Industry and research coming together...

R&D projects, partnerships

PCP

Co-Design

App stores

Platforms (and on-line "markets"?)

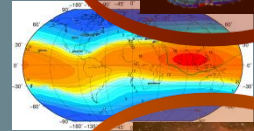
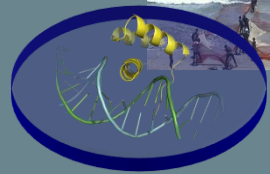
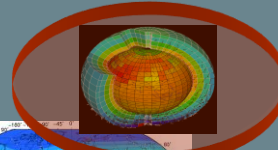
Training and mobility schemes

Roadmapping, ETPs

....



European Commission



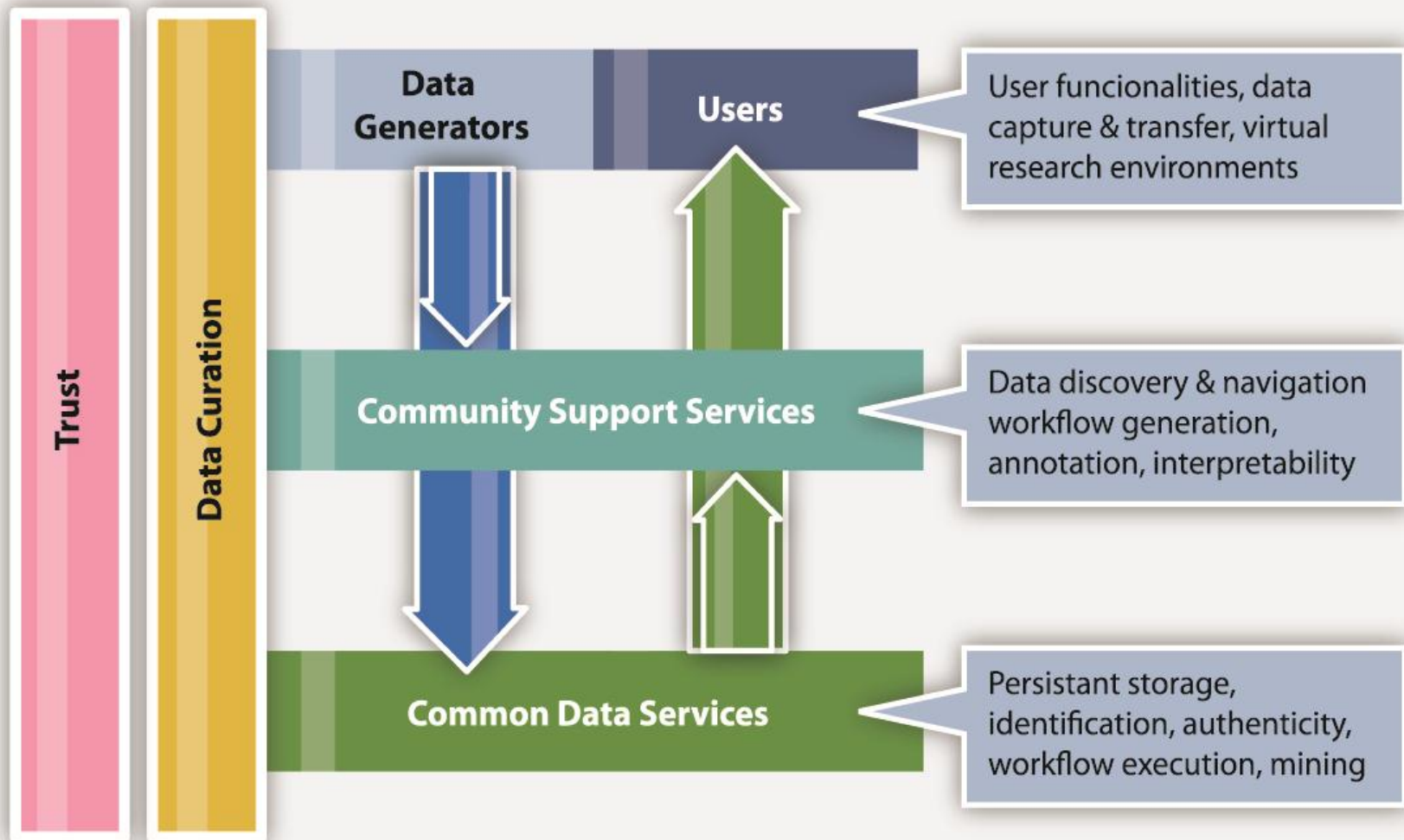
scientific data infrastructure

distributed computing/software infrastructure

network infrastructure, GÉANT



The Collaborative Data Infrastructure - a framework for the future



Géant

- Operation
- Innovation

Computational Infrastructures

- HPC services (PRACE)
- Distributed and data-intensive computing services
- Centres of Excellence for applications
- Services for SMEs

Data-centric Science and Engineering

- Data analytics for very large datasets
- Community support data services
- Infrastructure for Open Access
- Data management & preservation infra (for preservation, curation, persistence)
- Persistent identifier infrastructure (for provenance and discovery)
- Global data interoperability

Virtual Research Communities

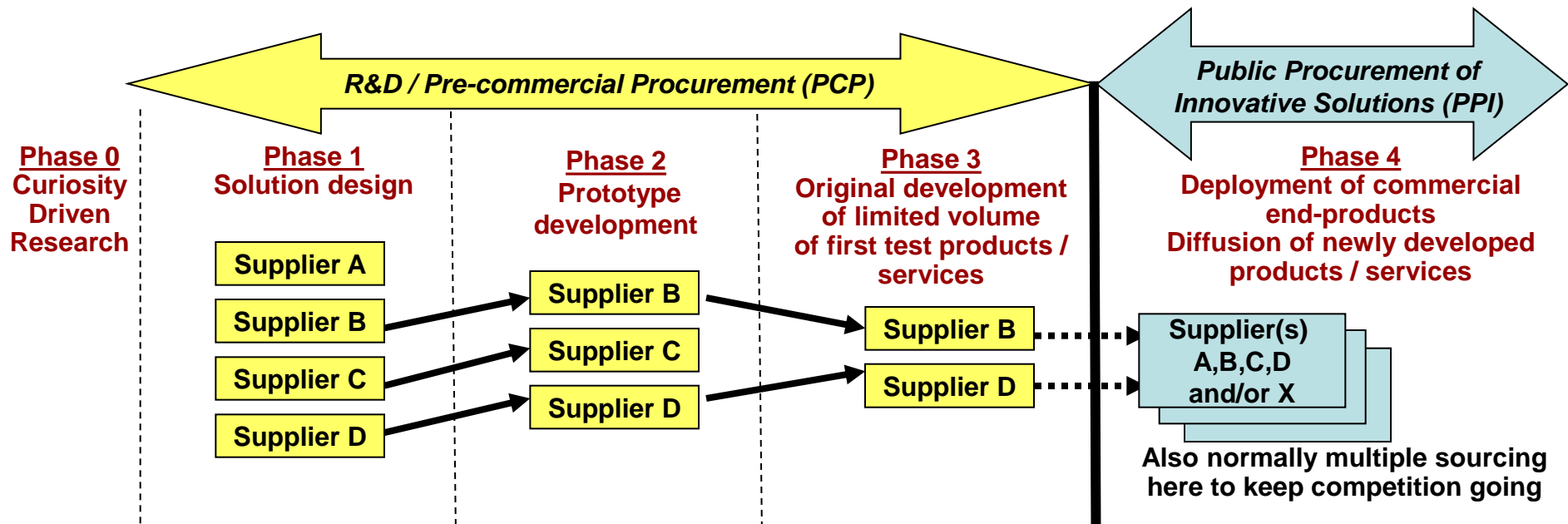
Authentication and Authorisation Infrastructure

Development of skills and new professions

PCP and PPI complementar



- ❑ 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



... in line with WTO proc. rules, EU Treaty, State aid free

Status of PCP implementation across Europe

Update November 2012 status



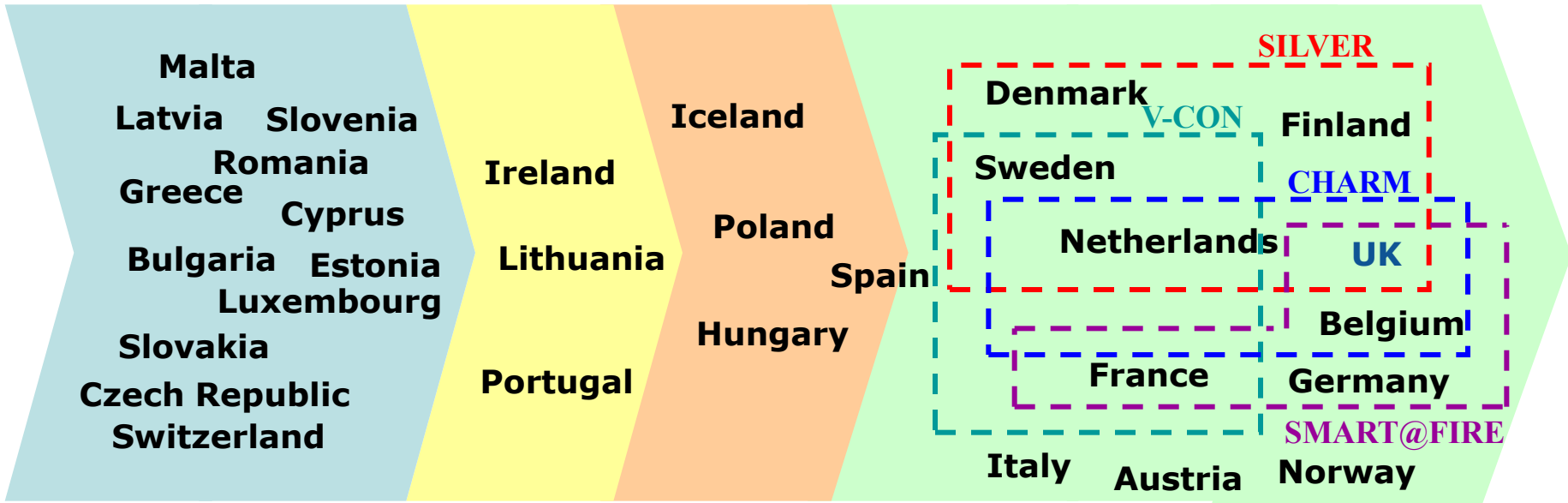
Framework identified

**Awareness Raising
Exploring possibilities**

**Working on
framework**

**and/or pilots
in preparation**

**Pilots
started**



Projects in dotted-line are cross-border EC funded PCPs:

SILVER: EC co-funded PCP pilot started January 2012 (Supporting Independent Living of Elderly through Robotics)

CHARM: EC co-funded PCP pilot started September 2012 (Common Highways Agency Rijkswaterstaat Model)

V-CON: EC co-funded PCP pilot started October 2012 (Virtual Construction of Roads)

SMART@FIRE: EC co-funded PCP pilot started November 2012 (Integrated ICT solutions for Smart Personal Protective Equipment for Fire Fighters and First Responders)

More Info about national PCP initiatives in Member States: http://cordis.europa.eu/fp7/ict/pcp/msinitiatives_en.html

More info about EU funded cross border PCP projects: http://cordis.europa.eu/fp7/ict/pcp/projects_en.html

