



eSENS paving the way to EU Digital Service Infrastructures

March 2014

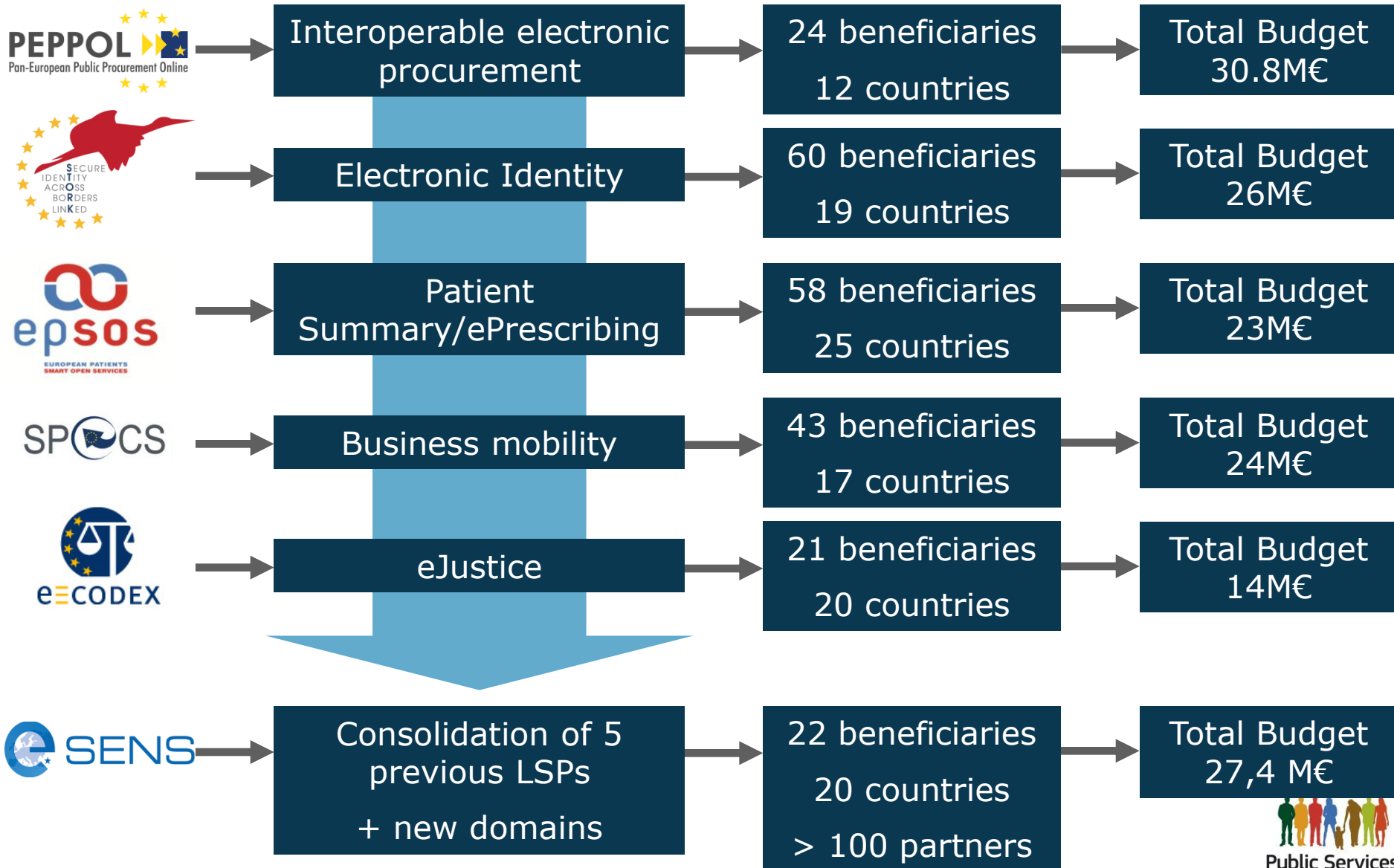
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- **Digital Agenda for Europe**

Regulatory barriers should be eliminated to facilitate cross-border use of commercial and cultural digital content and services and to enable citizens and businesses to fully benefit from the European Single Market

Other important policies:

- **European eGovernment Action Plan 2011-2015**
- **Malmo Ministerial Declaration 2009**
- **The European Interoperability Framework**

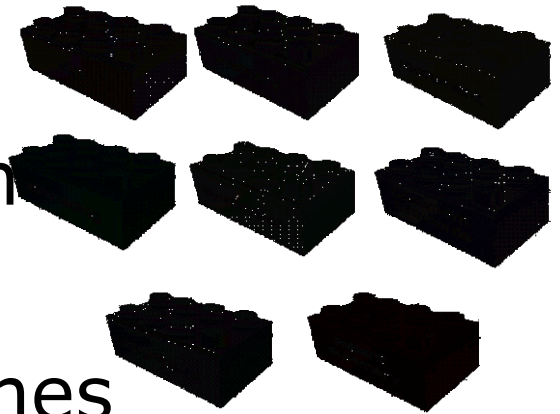




eSENS aims to improve the **cross-border access** of citizens and businesses to **public services in Europe** by provision of **interoperable IT solutions**



- Consolidation
- Improvement
- Industrialisation
 - Extension



of the 5 LSP' outcomes
to new domains:

- Social security (EESSI)?
- Maritime Surveillance (CISE, EUCISE2020, CISE Handbook)?

Public administration, agencies, companies from 20 countries

- Austria
- Czech Republic
- Denmark
- Estonia
- France
- Germany
- Greece
- Ireland
- Italy
- Luxembourg
- Netherlands
- Norway
- Poland
- Portugal
- Romania
- Slovakia
- Slovenia
- Spain
- Sweden
- Turkey





- 20 national consortia (more to come)
- + Standardisation body(ies)
- + Industry representatives (to come)
- 04/2013 to 03/2016
 - including at least one year piloting activities
- Budget max: 27,4 M€
 - EC contribution 50%

- 
- 1 JM NRW + eSENS.de Germany
 - 2 ARGE e-SENS.AT Austria
 - 3 CZ.NIC Czech Republic
 - 4 DIGST.DK Denmark
 - 5 EISA Estonia
 - 6 MINHAP Spain
 - 7 DISIC France
 - 8 MAREG Greece
 - 9 PCM-DDI Italy
 - 10 Tudor Luxembourg
 - 11 NL-MEAI Netherlands
 - 12 Difi Norway
 - 13 ILIM Poland
 - 14 AMA Portugal
 - 15 I.C.I. Bucuresti Romania
 - 16 ESV Sweden
 - 17 SI-MJPA Slovenia
 - 18 NCZI Slovakia
 - 19 TUBITAK Turkey
 - 20 D/PER Ireland
 - 21 OpenPEPPOL
 - 22 ETSI

> 100 Partners

WP1: Project Management
(General Coordination, Administrative Management & Advocacy)

WP2: Communication & Marketing

WP3: Sustainability and long-term governance

WP4: Project Legal Expertise Centre

5.1: e-
Procurement

5.2: e-Health

5.3: e-Justice

5.4: Business
life-cycle

5.5: New
domain

WP5: Piloting

WP6: Building blocks Provision

6.1: e-Delivery
& e-Interaction

6.2: Semantics,
Processes and
Documents

6.3: Identity,
Security and Trust

6.4: Conformance &
Tests





- Stock taking



- **Specifications of consolidated building blocks**



- Testing and pilot enablement



- Piloting



- Handover

First wave of Pilots by April 2015

more pilots will start gradually. All pilots are expected to run until the end of March, 2016.





Cross border cases for:

- e-health – easier access to health services while abroad
- e-justice – electronic issuing of a claim in a foreign court
- e-procurement – electronic bidding in other EU countries

Selection of piloting use cases

RELEVANCE

- Building Blocks relevance to CEF priorities
- Use Case relevance to domain priorities for CEF
- Relevance to National Policies in the MS proposing the pilot

IMPACT

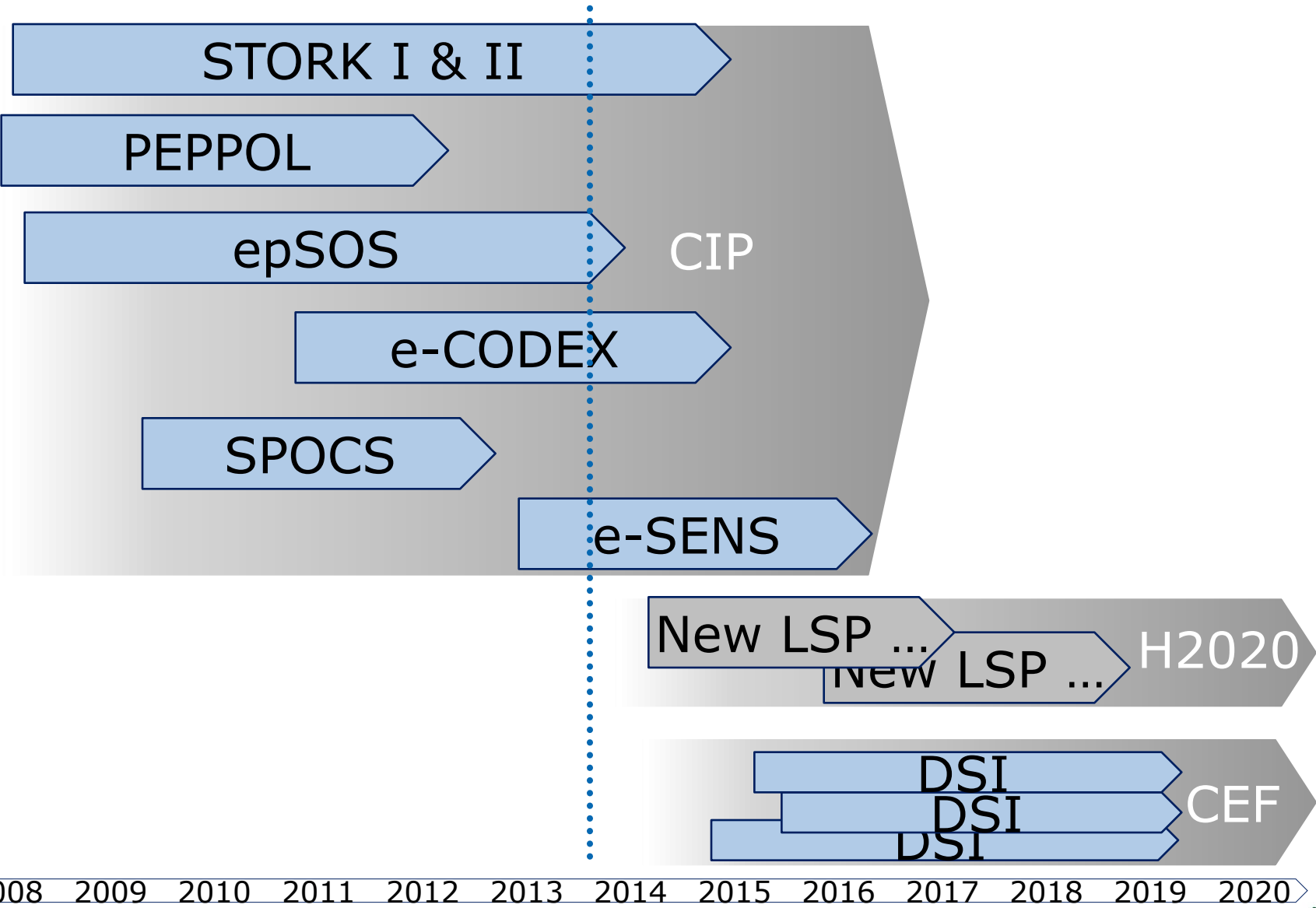
- Consolidation of Building Blocks and their re-usability across piloting domains
- Maturity of Building Blocks
- Market Adoption Potential of BBs and take-up of Use Cases

IMPLEMENTATION

- Strong commitment of participants and Stakeholders
- Clear and realistic implementation plan
- Feasible gap to fill between current status and future intentions

Opportunities for Member States

- Modernization of public administration
- Increased efficiency and effectiveness of public services
- Enhanced satisfaction of public services users
- Saving of time while performing administrative tasks
- Improved transparency of public administration performance
- Cost-effective solutions



Connecting Europe Facility (CEF)

An EU infrastructure programme to support the establishment of

- **transport infrastructure**
- **energy infrastructure**
- **digital infrastructure**

to reinforce an interconnected Europe

The total budget available for the period 2014-2020 is 33 billion EUR.

CEF Digital



Connecting Europe through digital bridges to the benefits of citizens, businesses and public administrations.

The total budget available for the period 2014-2020 is 1.14 billion EUR

CEF Digital

Activities are to support the development and smooth functioning of the **Digital Single Market** by supporting the **deployment** of:

- **Broadband** – Financial instruments
- **Digital Service Infrastructures (DSIs)**
- enabling the delivery of **networked trans-European interoperable services for citizens, businesses and/or public administrations**

Digital Service Infrastructures (DSIs)

- **Building block DSIs provide basic functionality and are reusable by sector-specific DSIs**

Examples are: Interoperability of eIDs, e-Signature, e-Delivery, automated translation, ...

Some coming from LSPs/eSENS



- **Sector-specific DSIs provide trans-European interoperable online services for citizens, business and public administrations**

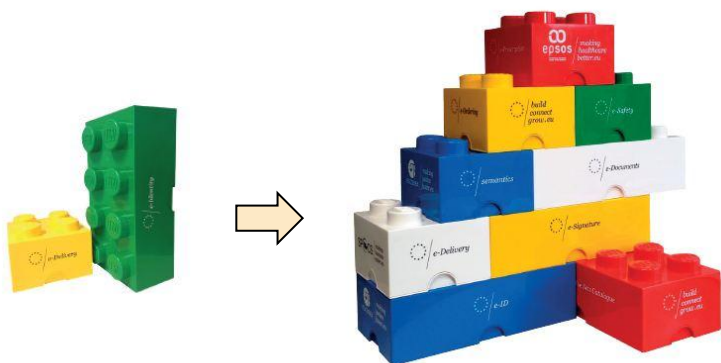


Examples are: eProcurement, eHealth, Open Data, Business Mobility, Cultural Heritage, Safer internet for Children, ...

Reuse and sharing of building block DSIs

Reuse and sharing of building block DSIs

- Reduce **costs**
- Reduce **time-to-market**
- Increase **interoperability**



1st priority for funding:

- Building block DSIs

2nd priority for funding:

- Sector-specific DSIs in support of EU legislation and using building block DSIs
- Europeana and Better Internet for Children

Implementation of DSIs

A CEF Digital is a Commission-driven initiative, mostly consisting of both

- **core service platform**, which is a central hub at EU-level to which national infrastructures link up
 - This core service platform **is procured** by the Commission
- **generic services**, which are gateway services linking one or more national infrastructures to the core service platform
 - The generic services are supported by grants awarded following **calls for proposals**



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