



JOINING UP GOVERNMENTS

EUROPEAN
COMMISSION



Interoperability - a key enabler for successful user and business centric eGovernment services

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Interoperability Solutions for Public Administrations

Interoperability is the key enabler

Efficient



... and effective electronic cross-border and cross-sector interaction between European public administrations.

European public administrations



... share and re-use existing successful eGovernment solutions.

Flexible and interlinked



...IT systems allow smooth implementation of Community policies and activities.



EU interoperability drivers

Common governance and strategy

- ISA Committee
- European Interoperability Strategy (EIS)

Common frameworks

- European Interoperability Framework (EIF)
- European Interoperability Architecture (EIA)
- Asset Description Metadata Schema (ADMS)
- Domain specific frameworks, i.e. Transport

Common building blocks and common solutions

- IMI, ECI - OCS, Open e-PRIOR
- sTESTA
- eTrustEX, Large Scale Pilots (LSP)

Monitoring

- National Interoperability Framework Observatory (NIFO)
- Interoperability Maturity Model (IMM)





ISA: the objective

The efficient and effective electronic cross-border and cross-sector interaction between European public administrations

... enabling the delivery of electronic public services supporting the implementation of Community policies and activities

How?

- Development of generic building blocs
- Development, operation and maintenance of common services and generic tools
- Share and re-use solutions

- Assessment of ICT implications of proposed or adopted Community legislation
- Raising awareness

Actions in the ISA 2012 Workplan contribute directly to:

- The Digital Single Market (interoperability, eProcurement, eSignature, ...)
- eGovernment
- Various EU policies (eHealth, INSPIRE, CISE, ECI, ...)

The budget: €164,1 million (2010-2015)



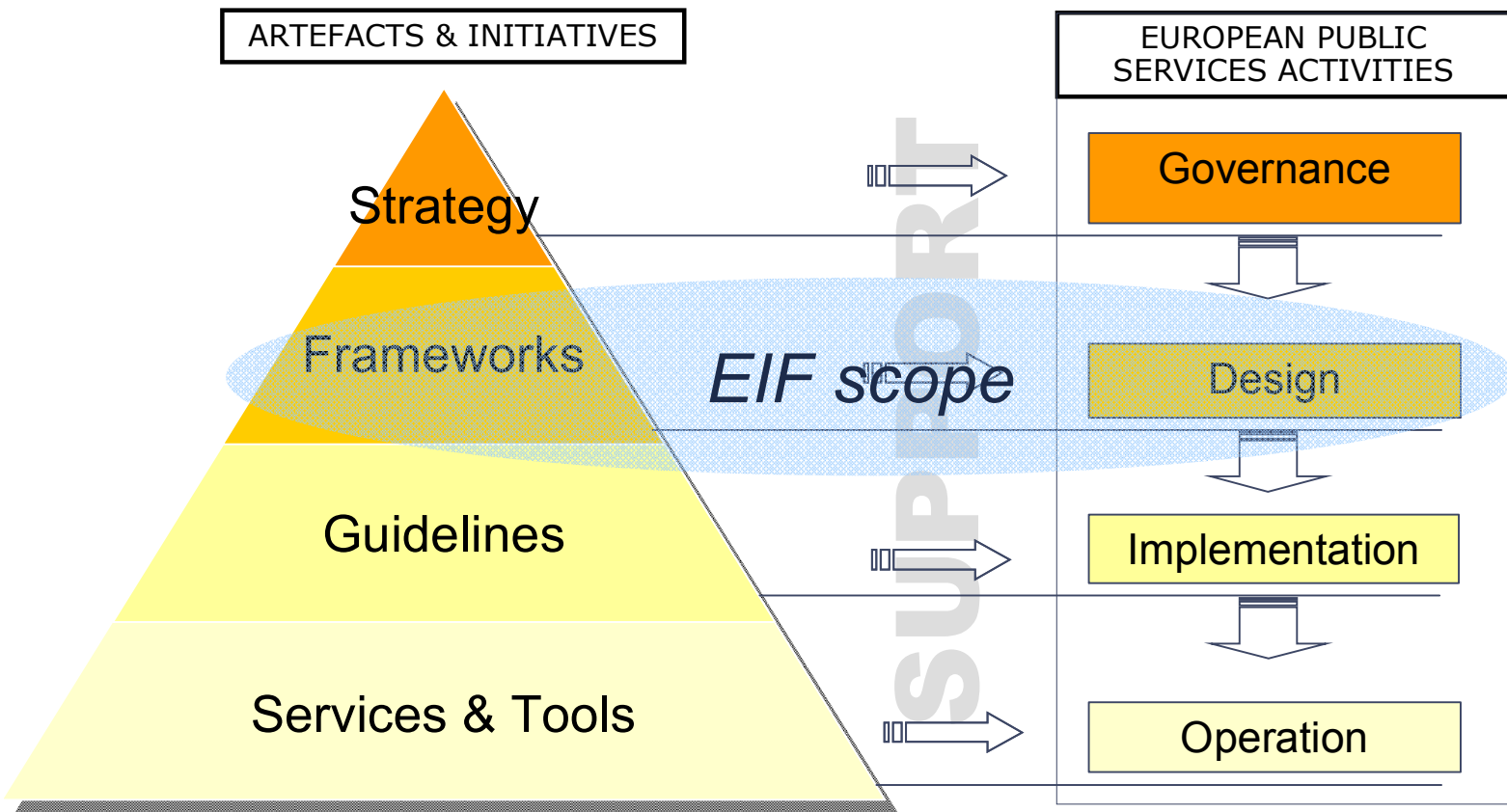
Digital Agenda : Interoperability and Standards

“A key action to promote interoperability between public administrations will be the Commission's adoption of an ambitious European Interoperability Strategy and the European Interoperability Framework to be drawn up under the ISA programme (Interoperability Solutions for European Public Administrations)”

- ▶ The Commission adopted the Communication “Towards interoperability for European public services” in December 2010:
 - European Interoperability Strategy (EIS)
 - European Interoperability Framework (EIF)
- ▶ Member States should :
 - *“Apply the European Interoperability Framework at national level by 2013”*

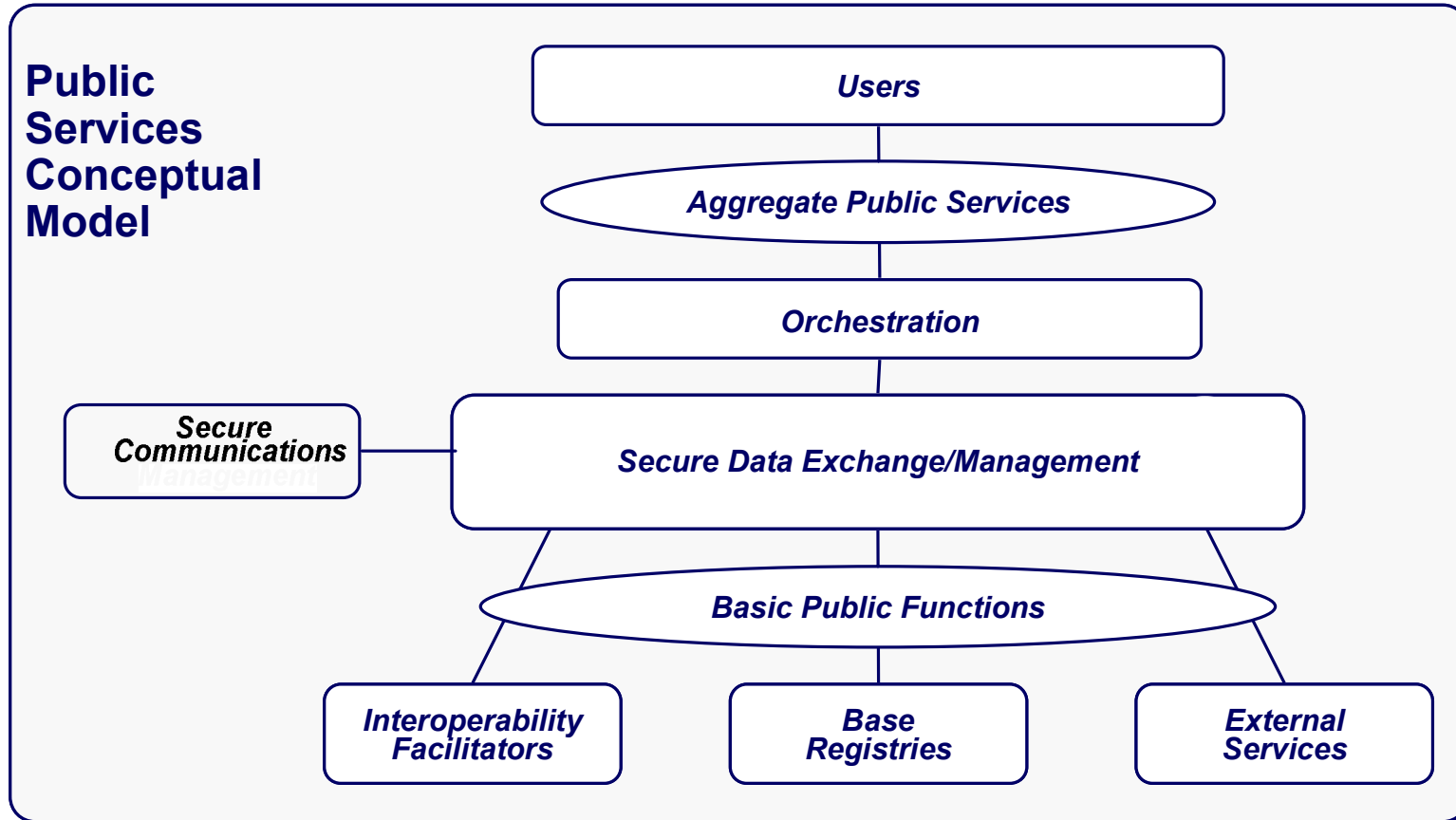


Interoperability





EIF: Building blocks of a user centric public service





EIF: The 4 Interoperability levels

Cooperating partners with compatible visions, aligned priorities, and focused objectives

Political Context

Aligned legislation so that exchanged data is accorded proper legal weight

Legal Interoperability

Legislative Alignment

Coordinated processes in which different organisations achieve a previously agreed and mutually beneficial goal

Organisational Interoperability

Organisation and Process Alignment

Precise meaning of exchanged information which is preserved and understood by all parties

Semantic Interoperability

Semantic Alignment

Planning of technical issues involved in linking computer systems and services

Technical Interoperability

Interaction & Transport



EIF: Interoperability Governance

- Interoperability and sustainability over time when operating and delivering a European Public Service
- Framework for the governance of interoperability activities across administrative levels.



European Business Registers

Interconnection of business registers (Directive of the EP and of the Council)

- → Business registers and business registration were the first area of company law harmonised by the European Community (1968...). Electronic business registers - since 2007
- → Voluntary cooperation mechanism between the business registers in Europe since 1992. 18 years to connect 19 Member States!
- Proposed EU legislation covers:
 - Requirement for member States to participate in an electronic network of registers
 - List of information to be transmitted through the network and frequency of updating of the registered information
 - Single access point (e-Justice portal)
 - → technical details in a delegated act described in the Directive



European Vehicle and Driving Licence Information System

- EUCARIS Treaty signed in June 2000: Belgium, Germany, Luxembourg, the Netherlands and the United Kingdom. Others followed (Slovak Republic acceded on 1st December 2010)
- EU legislation covering the use of EUCARIS:
 - Council Decision 2008/615/JHA and 616/JHA on cross-border cooperation particularly in combating terrorism and cross-border crime
 - Directive 2011/82/EU facilitating cross-border exchange of information of road safety related traffic offences
 - **→ Proposal for a Regulation on a simplified registration procedure for motor vehicles previously registered in another Member State**



European Vehicle and Driving Licence Information System

Concretely, this last proposal covers:

- technical interoperability (the system to be used and the network for the exchanges - Stesta - building block),
- semantic interoperability (EU harmonised attributes Directive 1999/37/EC)
- organisational interoperability (processes)
- Governance aspects:
 - Changes: delegated acts and comitology
 - Sustainability (technical/operational and financial):
 - EUCARIS owned by the EUCARIS community (Member State consortium)
 - Maintenance and support assured by the Dutch registration authority
 - Costs beared by each Member State



Need more information?

ISA-website: <http://ec.europa.eu/isa>

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Thank you!