

The new European Interoperability Framework

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The problem



Digital but ... fragmented

Public Services



Source: <http://beetfusion.com/blogs/bob-davis/silo%E2%80%99d-business-issues-impede-inventory-control-inventory-optimization-can-help>

Data



Domestic

Mind my business

Everywhere

Format ?

Not fully digital

Mind my ICT

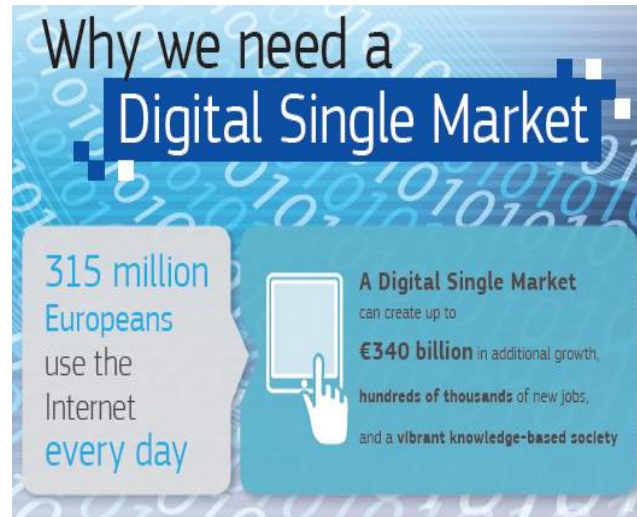
Management

Security



We want a Digital Single Market

- Online (digital) services
- Digital networks
- Cyber security
- Sharing of info
- Big data
- Cloud
- E-Government
- Standards & **interoperability**



- 50% EU GDP
- Public procurement 19% of EU GDP
- 25% of total employment in EU

Public Sector

Once-only principle
5 billion/year

Open data market value potential of
40 billion/year

e-Procurement
50 billion/year

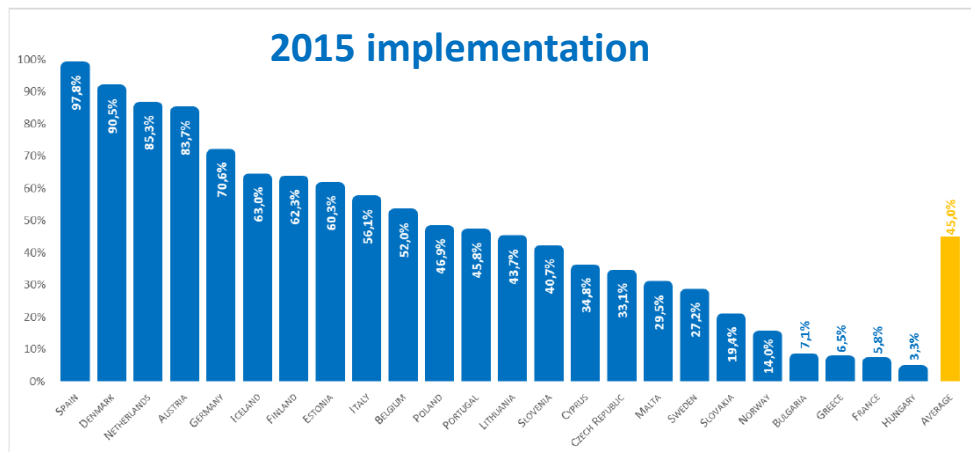
e-Invoicing
2.3 billion/year

Baseline – EIF 2010



So far so good

EU & national



2014 alignment



There is an overall very good NIF-EIF alignment across countries for 2014

Domain specific

- e-Health interoperability framework
- eIDAS Regulation – interoperability framework for mutual recognition of IDs
- INSPIRE Directive, location interoperability
- Connecting Europe Facility building blocks

Support by



New EIF?



... but still some way to go



Alignment with policy development

- Digital Single Market (**EIF revision in the Roadmap**)
- Revised Directive on Public Sector Information
- eIDAS Regulation
- e-Government Action Plan 2016-2020



Alignment with emerging technological trends

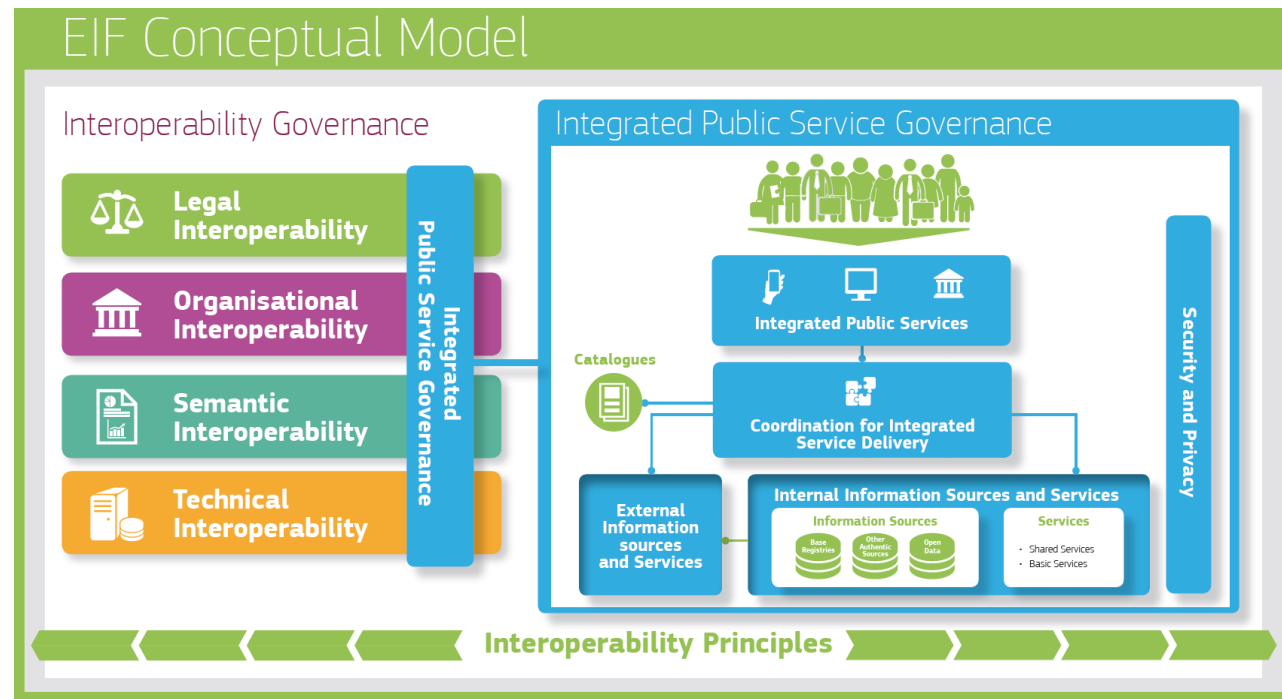
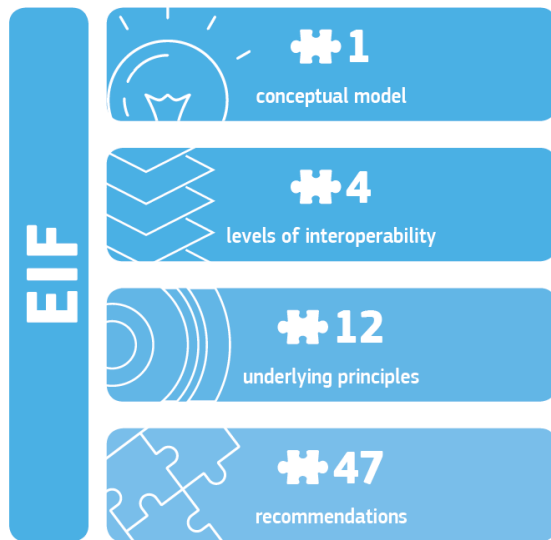
- Interoperability governance
- Integrated service delivery
- Information Management (big & open data)
- European Interoperability Reference Architecture
- Security & privacy



More focus on EIF implementation

- More concrete recommendations
- Point to specific solutions that can facilitate implementation
- Interoperability Action Plan

Revised ... and more complete





Reuse & share at the core

Underlying principle 4: reusability

There are some key challenges that limit the sharing and reuse of IT solutions, at technical, organisational, legal and communication levels. **The ISA² sharing and reuse framework for IT solutions¹² provides recommendations for public administrations** to help them overcome these challenges and share/reuse common IT solutions. Reuse and sharing can be effectively supported by collaborative platforms.¹³

✚ *Recommendation 6:*

Reuse and share solutions, and cooperate in the development of joint solutions when implementing European public services.

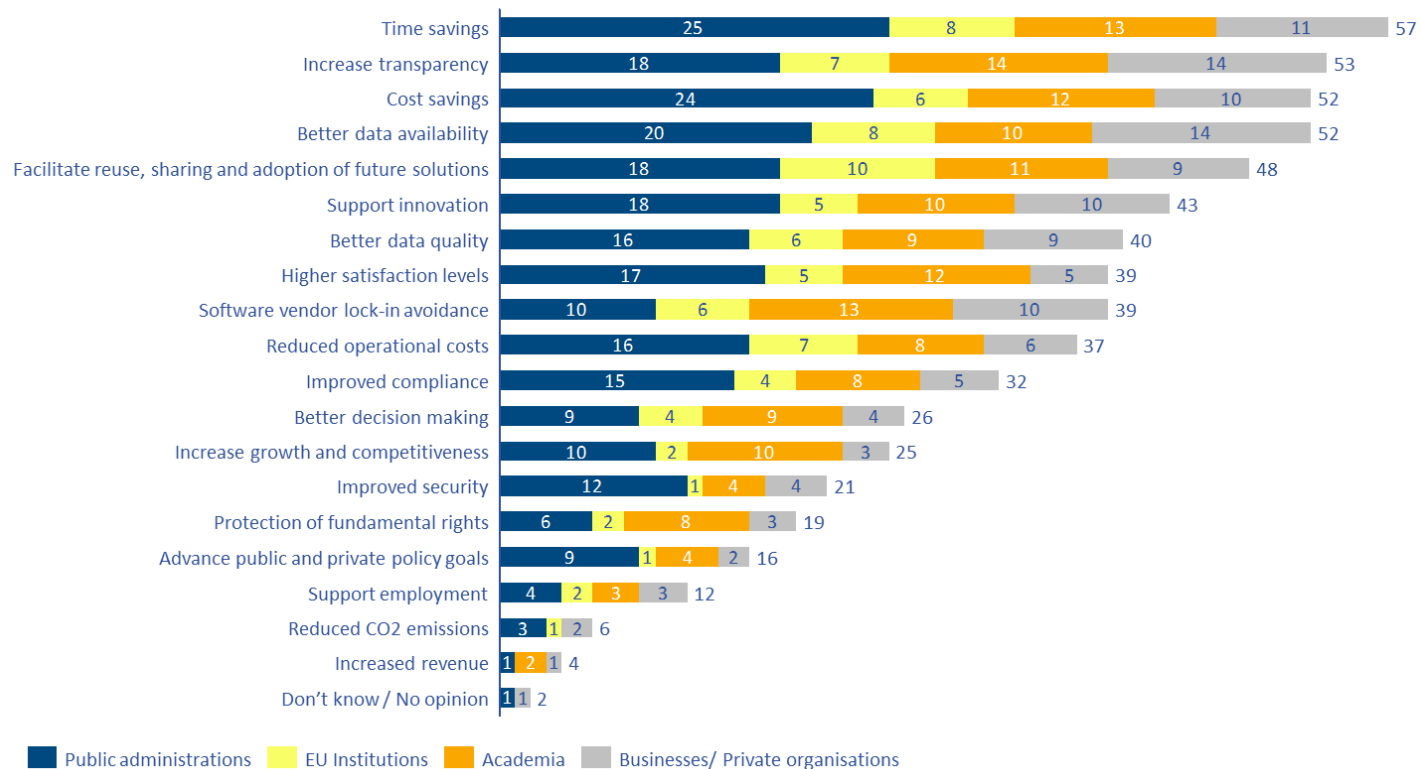
✚ *Recommendation 7:*

Reuse and share information and data when implementing European public services, unless certain privacy or confidentiality restrictions apply.



Expectations !

In which area(s) do you expect the EIF to contribute the most with regard to the implementation of interoperability in the different Member States as well as in Europe in general?



Source: results from the open public consultation with public administrations, academia/research/standardisation organisations, business and private organisations and the targeted consultation with EU institutions/agencies.



EU Institutions and Member States to implement



Communication, COM(2017) 134, 23 Mar 2017

"European Interoperability Framework – Implementation Strategy"

Annex 1: **Interoperability Action Plan** (5 focus areas, 22 actions)

Annex 2: The **European Interoperability Framework**

Support by ISA² (131 M€, 2016-2020)

More about the EIF
ec.europa.eu/isa2/eif

Event coming up soon



SEMANTIC INTEROPERABILITY CONFERENCE
SEMIC 2017
14 June 2017
Valletta, Malta

SEMIC 2017: Data and Information Management



For more info and registrations: <http://europa.eu/!FK48bQ>

Stay tuned on the conference news: [#SEMIC2017](https://twitter.com/SEMICEU) - [@SEMICEU](https://twitter.com/SEMICEU)

