The new European Interoperability Framework

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The problem

Digital but ... fragmented

Public Services

Data


Domestic

Everywhere

Mind my business

Management

Not fully digital

Format?

Mind my ICT

Security
We want a Digital Single Market

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

Why we need a Digital Single Market

315 million Europeans use the Internet every day

A Digital Single Market can create up to €340 billion in additional growth, hundreds of thousands of new jobs, and a vibrant knowledge-based society

Public Sector

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

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

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Context
Baseline – EIF 2010

2015 implementation

2014 alignment

Support by

ISA/ISA² programmes

CEF programme

So far so good

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

EU & national
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

**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
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 solutions\(^{12}\) 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?**

<table>
<thead>
<tr>
<th>Area</th>
<th>Public administrations</th>
<th>EU Institutions</th>
<th>Academia</th>
<th>Businesses/Private organisations</th>
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<tr>
<td>Increase transparency</td>
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<td>Cost savings</td>
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<tr>
<td>Better data availability</td>
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<td>Facilitate reuse, sharing and adoption of future solutions</td>
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<td>Support innovation</td>
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<td>Better data quality</td>
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<td>Higher satisfaction levels</td>
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<td>Software vendor lock-in-avoidance</td>
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<tr>
<td>Improved compliance</td>
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<tr>
<td>Better decision making</td>
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<tr>
<td>Increase growth and competitiveness</td>
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<tr>
<td>Improved security</td>
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<td>Protection of fundamental rights</td>
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<td>Advance public and private policy goals</td>
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<td>Reduced CO2 emissions</td>
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<td>Increased revenue</td>
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<td>1</td>
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</table>

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

  "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

For more info and registrations: http://europa.eu/%21FK48bQ

Stay tuned on the conference news: #SEMIC2017 - @SEMICEU