



Shaping together the future policy on public sector interoperability

Stakeholder Kick-off Workshop, 3/12/20

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What is interoperability and why it is important for the public sector?

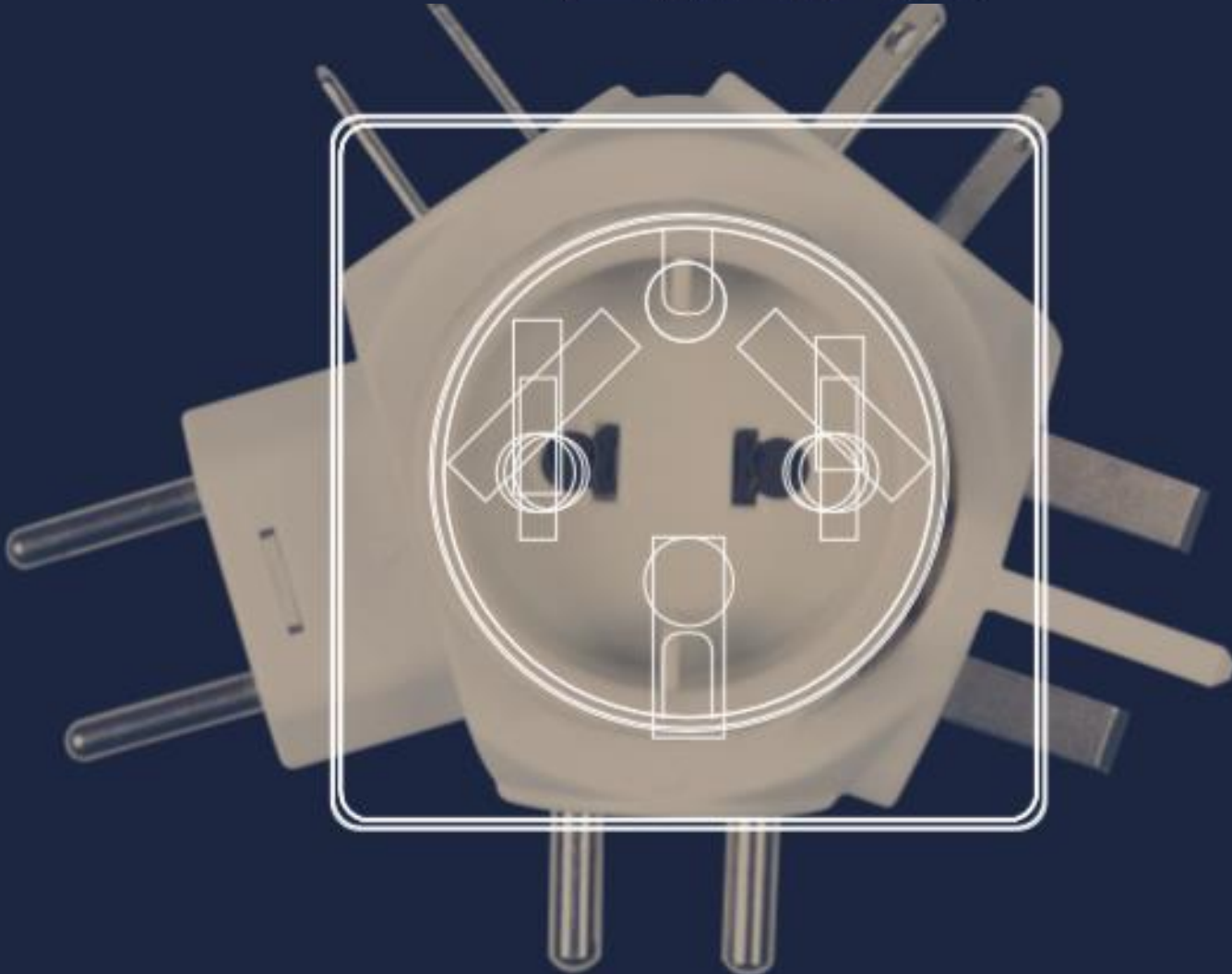
Looking back: EIF and the ISA² programme in context

Looking to the future: A policy fit for new challenges?



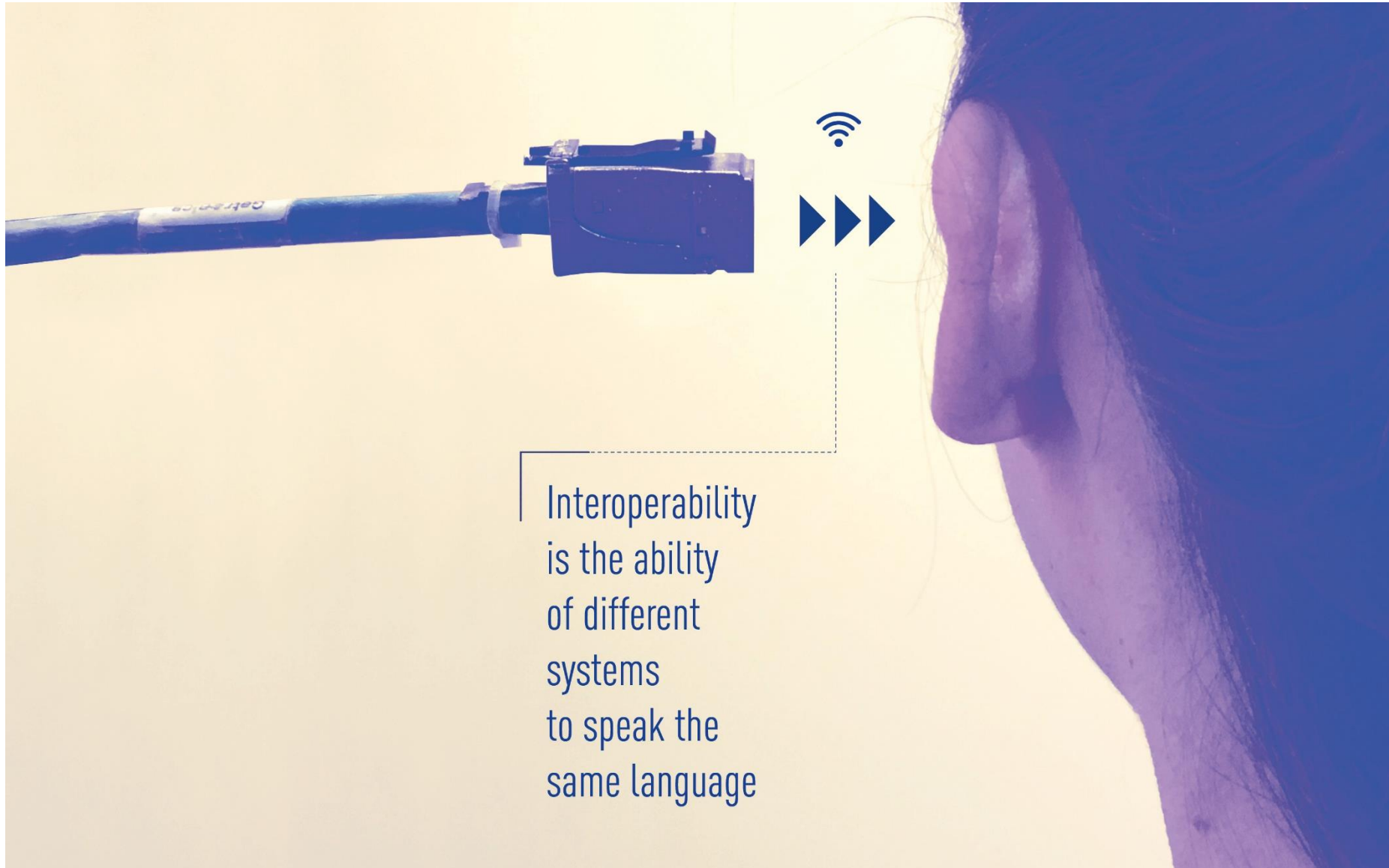
What is interoperability and why it is important for the public sector?

Interoperability Links



Interoperability means the ability of organisations to interact towards mutually beneficial goals, involving the **sharing of information and knowledge** between these organisations, through the **business processes** they support, by means of the exchange of data between their ICT systems

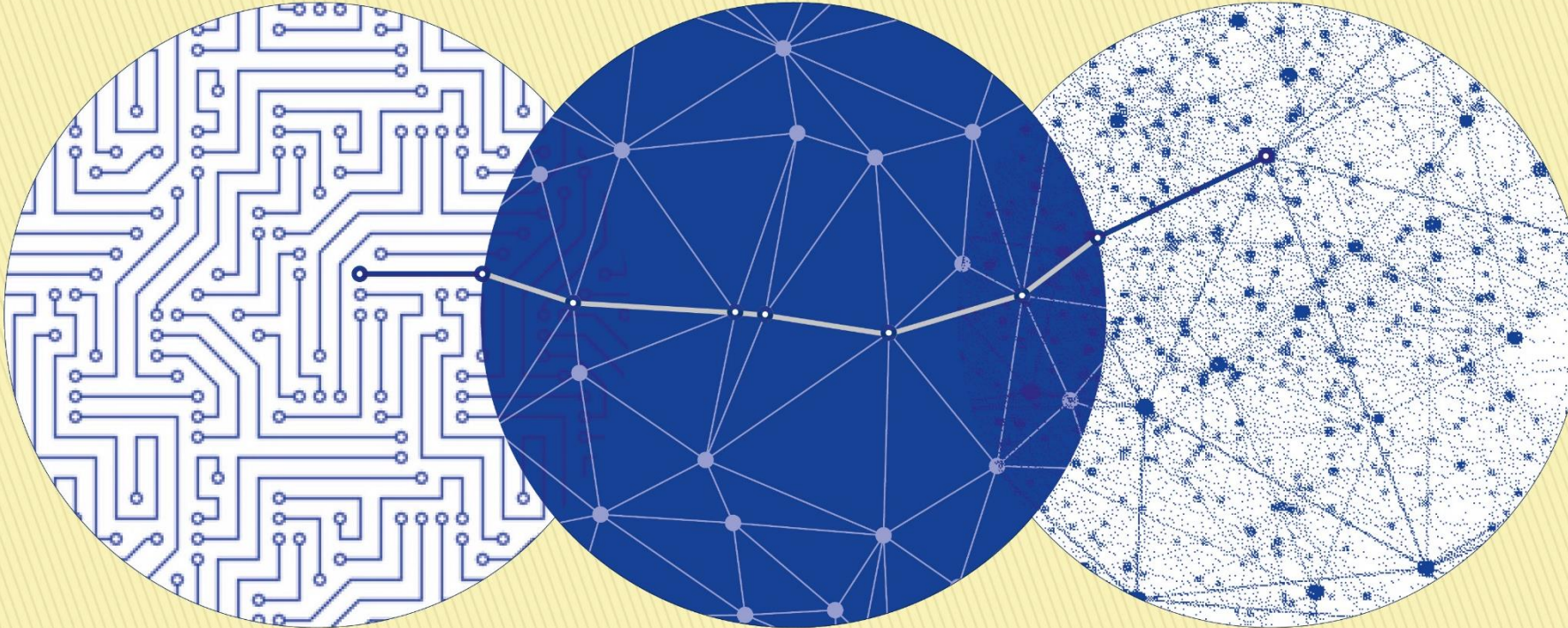
https://ec.europa.eu/isa2/sites/isa/files/eif_brochure_final.pdf



Interoperability
is the ability
of different
systems
to speak the
same language

Interoperability

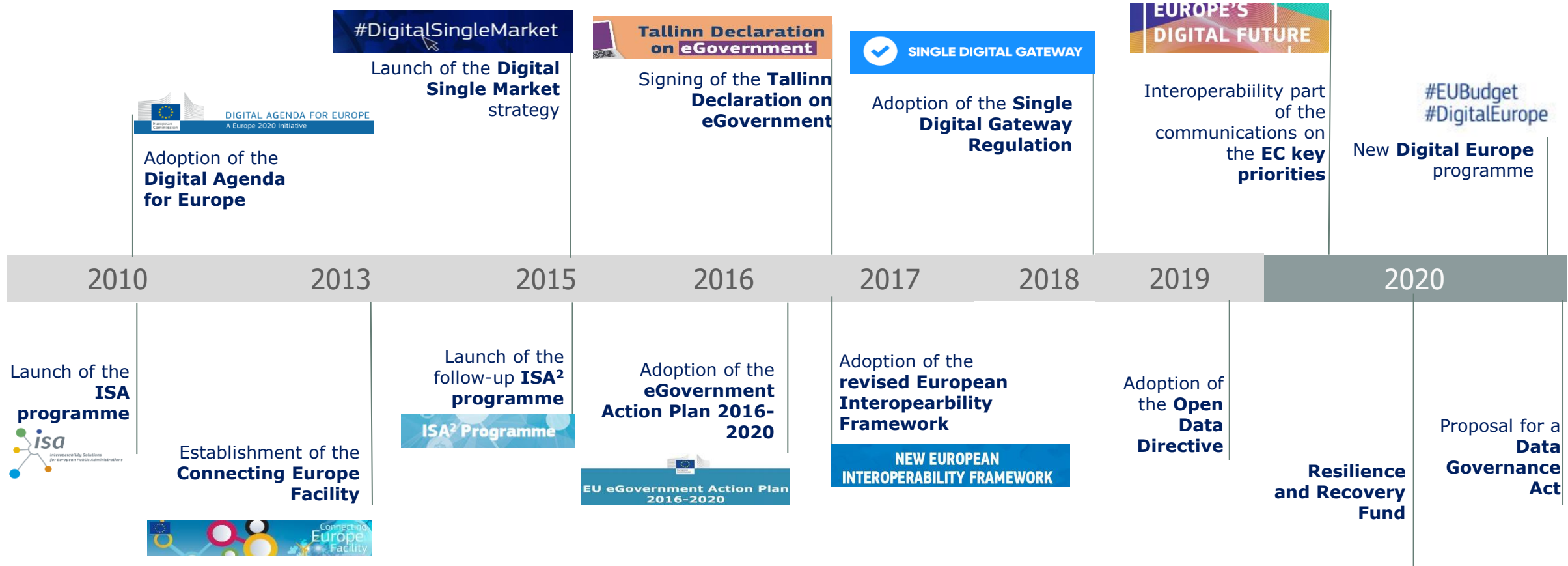
IS SHARING RESOURCES
BETWEEN DIFFERENT SYSTEMS



A network diagram with various icons including a building, a group of people, and a briefcase, connected by lines. The background is a blue geometric pattern of overlapping triangles and lines.

Looking back: EIF and the ISA² programme in context

Policy context



European Interoperability Framework (EIF)

4 LAYERS

EIF SOLUTIONS

TECHNICAL INTEROPERABILITY



The truck width does not match



EIF promotes the sharing and reuse of common infrastructures, services and IT systems

INTEROPERABILITY BARRIERS

SEMANTIC INTEROPERABILITY



The two wagons do not match



EIF calls upon public administrations to structure their data in commonly agreed formats

EIF SOLUTIONS

ORGANISATIONAL INTEROPERABILITY



Complex intersection with red lights in all directions.



EIF encourages public administrations to simplify their organisation, streamline their processes and listen to the needs of business and citizens

INTEROPERABILITY BARRIERS

LEGAL INTEROPERABILITY



The distance travelled in a straight line is considerably shorter.



EIF proposes that EU and national legislation and policies are clear, coherent to each other and make good use of digital technologies

*The ISA² programme supports the development of **digital solutions**, which enable **public services** to be **adaptable, interoperable and efficient**.*

Identify, create
and operate
interoperability
solutions
to support European
administrations

Facilitate the re-use of
solutions by public
administrations across
borders and across
sectors



Looking to the future:
A policy fit for new challenges?

Interoperability at the heart of EU New Digital Strategy

**Reinforced EU
Governments
Interoperability
Strategy
By 2021**

**SHAPING
EUROPE'S
DIGITAL FUTURE**

**Strengthened
European
Interoperability
Framework
By 2021**

#DigitalEU

Impressions from the first feedback on the roadmaps

“We thus suggest to strengthen the ambition of the EIF. “

“Adoption of the EIF requires more leadership for practical capacity building and technical assistance”

“some of the EIFs - principles like user-centricity are frequently overlooked”

“strengthen the principle of openness for the reuse of technical solutions as the core principle”

“Due to the non binding character of the principles Member States do not implement the same recommendations at national level. “

“coordinating with other Internet Standardization bodies in such a way as to share the design costs “

“include specific reference to interoperability between blockchains”

“the present situation calls for measures that are more drastic”

“The EU-wide sharing and reuse of interoperable Free Software solutions for public administrations could also reduce costs and foster innovation not only for businesses, but also for citizens and civil society in their use of digital technologies, and thus ensure digital sovereignty.”

“developing a process for assessing compliance with the EIF could encourage uptake”

“pilot or reference implementations on the city level could make implementation easier.”

Help us find the right balance!

Becoming future-proof...

Increase uptake...

Co-creating...

Going local...

Fostering a diverse ecosystem...

...but becoming more concrete!

...avoiding administrative burden.

...but taking decisions.

...but keeping in touch.

...offering a shared framework.

Shaping together



the future policy on

public sector

interoperability

A large yellow circle is positioned on the right side of the image. Inside the circle, the text 'KNOW MORE and GET INVOLVED' is written in blue. 'KNOW MORE' is in a larger font size than 'and GET INVOLVED'. Above the text, there are three small blue circular icons: a brain with a thought bubble, a speech bubble with a checkmark, and a group of people icon. The background of the circle is a light blue circuit board pattern.





ISA² programme

You click, we link!

Stay in touch
ec.europa.eu/isa2

 @ EU_isa2

 ISA² Programme

 DIGIT-ISA2-COMM@ec.europa.eu

Run by the Interoperability Unit at DIGIT (European Commission) with 131€M budget, the [ISA² programme](https://ec.europa.eu/isa2) provides public administrations, businesses and citizens with specifications and standards, software and services to reduce administrative burdens.