Innovations That Fuel Digital Transformations

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## Digital society requires innovation

- **New processes shaping political priorities**
- Digitally enabled citizens and business
- More coherent & integrated solutions for complex challenges
- Changing expectations on governments' ability to deliver public value
- New actors in the design of public services
- Innovation-friendly citizens (millennials)
- Digital twins
- AI already present in our lives
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Innovation & Digital Transformation

- Data to optimize, transform or create entirely new services, advanced analytics & artificial intelligence
- Workforce skills
- Digital ecosystem, collaboration and partnership
- Organisation reengineering
- Digital platforms
- Reference architectures and standards (interoperability, integration, info exchange)
Innovations need Interoperability

“Interoperability” means the ability of disparate and diverse organisations to *interact towards mutually beneficial and agreed common goals*, involving the sharing of information and knowledge between the organisations, through the business processes they support, by means of the exchange of data between their respective ICT systems.
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European Interoperability Framework

12 Underlying Principles

1. Subsidiarity and proportionality
2. Openness
3. Transparency
4. Reusability
5. Technological neutrality and data portability
6. User-centricity
7. Inclusion and accessibility
8. Security and privacy
9. Multilingualism
10. Administrative simplification
11. Preservation of information
12. Assessment of effectiveness and efficiency
ISA² - the EU interoperability programme

| Promote a holistic approach to interoperability |
| Cross border, cross sector and user centric public administrations |
| Identify, create and operate interoperability solutions |
| Facilitate the reuse of interoperability solutions by European public administrations |
Sharing & Reuse

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**ISA² Programme**
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Run by the Interoperability Unit at DIGIT (European Commission) with 131€M budget, the ISA² Programme provides public administrations, businesses and citizens with specifications and standards, software and services to reduce administrative burdens.