



Interoperability Academy

ISA² action 2019.01

'Knowledge sharing: Learning and Teaching Advanced Digital Skills'

27 November 2020

EUROPEAN COMMISSION
DIGIT D2 – Interoperability Unit
Project Officers:
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Ludovic Mayot
Evrin Tan



Interoperability
—Academy—
by European Commission

ISA²



Welcome Note (5 min)

1. Part I – ISA² programme – Key facts (5 min)

2. Part II – Interoperability Academy (15 min)

3. Part III – Digital Skills Academies: Knowledge Sharing

3.1 Regional level: 'Perifereia 4.0', Greece (20 min)



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4. Part IV – EIF course & Next steps of Interoperability Academy (10 min)

5. Q&A (20 min)

6. Closing Remarks (5 min)

Who we are

Emanuele BALDACCI
Director of Digital Services at DIGIT



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Project Owner



Georges LOBO & Victoria KALOGIROU
Project Officers



Ludovic MAYOT
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The Interoperability Academy Community

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CROMPVOETS



Evrin
TAN



Cesar
CASIANO



Dr. Georgios
FILIPPOUSIS

Interoperability Academy community: today's speakers





HELLENIC REPUBLIC
Ministry of Interior



REGION
OF WESTERN
GREECE
full of contrast!



ΠΑΝΕΠΙΣΤΗΜΙΟ
ΠΑΤΡΩΝ
UNIVERSITY OF PATRAS




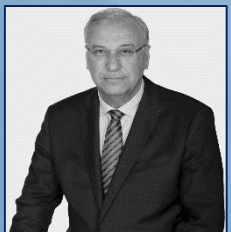






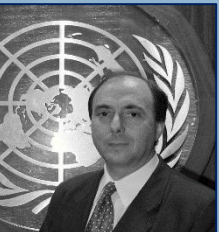
THE CHANCELLERY OF THE PRIME MINISTER
DEPARTMENT OF CIVIL SERVICE



Digital Skills and
Jobs Coalition
Lëtzebuerg



UNDESA

								
Dr PANTELIS NIKOLAIDIS Digital Skills Expert Advisor to Secretary General Ministry of Interior	MICHALIS STAVRIANOUDAKIS Secretary General of Interior & Organisation Ministry of Interior	FOKION ZAIMIS Deputy Governor of Entrepreneurship, Research and Innovation Region of Western Greece	Prof GEORGE CHRYSOLOURIS Univ. of Patras	KATARZYNA CABA Projects and Training Team Leader	RYSZARD ORLIŃSKI Chief Specialist Projects and Training Team	MARINA ANDRIEU Coordinator Digital Skills & Jobs Coalition, Luxembourg	ADRIANA ALBERTI Senior Governance and Public Administration Officer	JONAS RABINOVITCH Senior Adviser on Innovation and Digital Government for Public Service Delivery

A background image showing two people in business suits shaking hands. The image is partially covered by a blue overlay on the left side where the text is located.

Let's introduce ourselves

Please write in the chat your:

- Name
- Function/role
- Institution/Organisation
- Country

What we heard from you

Why are you interested to take part in the webinar? / What do you expect?





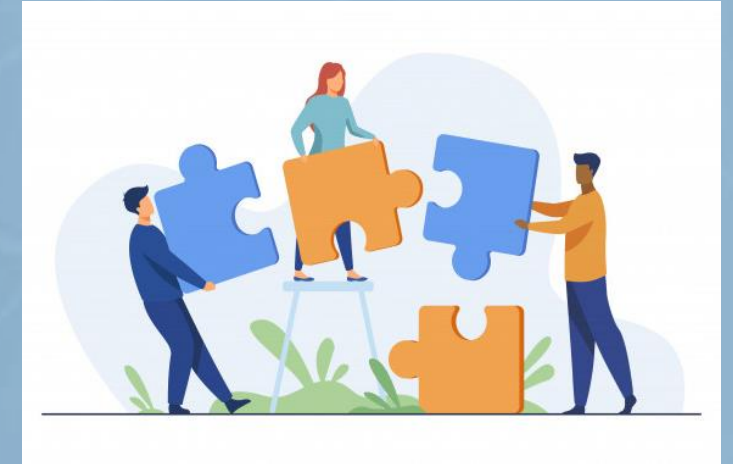
Introducing

- Policy Context
- Interoperability Academy
- Our team



Presenting

- Digital Skills Academies
- European Interoperability course
- Next Steps of Interoperability Academy



Discussing

- Knowledge Sharing
- Suggestions for future courses
- Possibilities for collaboration



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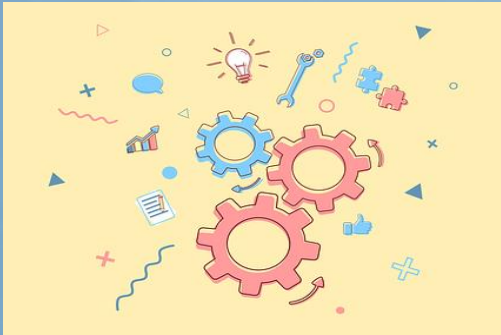
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Interoperability at the heart of the new EU digital strategy

Definition & Benefits

What does Interoperability mean?



Ability of organisations¹ to interact
via sharing of:

- information
- knowledge
- data, between their ICT systems²

Why do we need Interoperability?



More efficient



Less costly



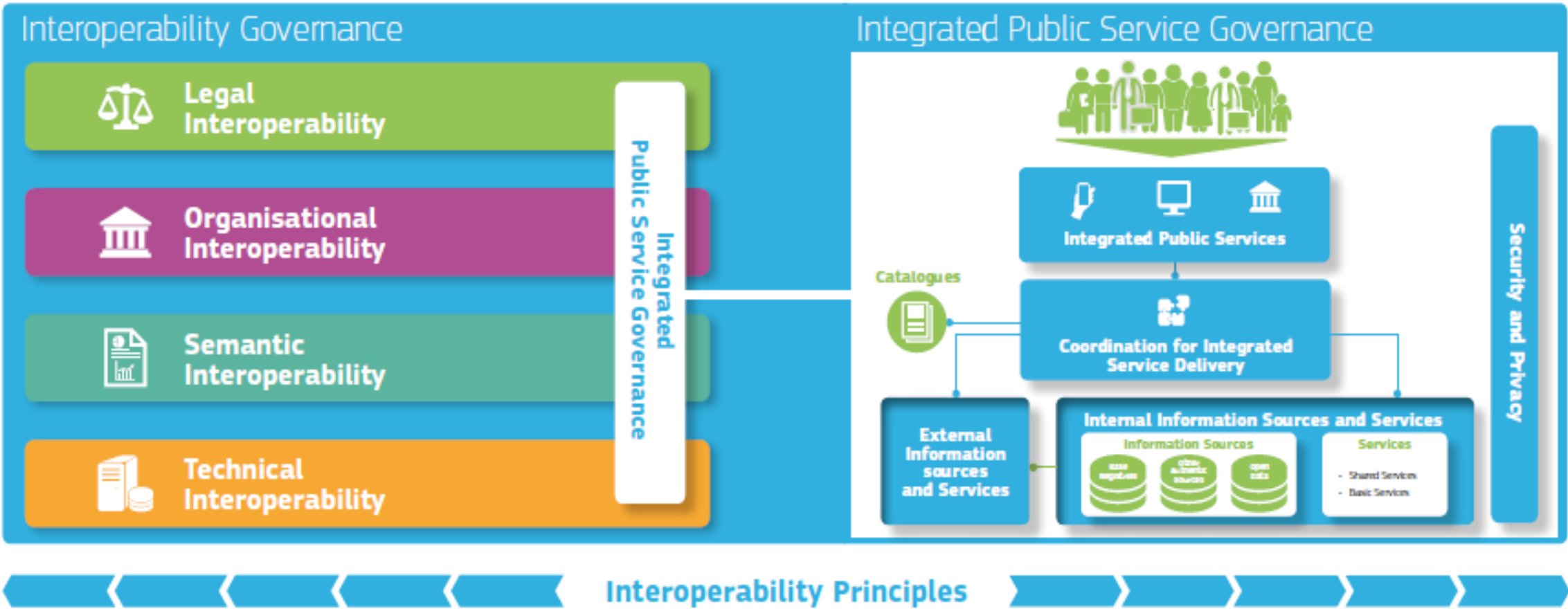
Borderless

...delivery of European public services

Next steps?



A reinforced EU
government's
interoperability strategy





**Promote a holistic approach
to Interoperability**



**Identify, create and operate
interoperability solutions
(Open Source)**



**Cross-border, cross-sector and
user centric public administration**



**Facilitate the reuse of
Interoperability solutions by
European Public
Administrations**

For public administrations



- Reduced time and cost for the development of IT solutions
- Solutions that work smoothly across borders and/or sectors
- High end-user satisfaction thanks to efficient administrative procedures

For businesses and citizens



- Quicker and cheaper administrative procedures
- Less red tape

Key & generic interoperability enablers

Semantic interoperability

Decision making & legislation

EU policies -Supporting instruments

e-Procurement/ e-Invoicing

Geospatial solutions

Supporting instruments for public administrations

Secure document exchange platform

eTrustEx



ArchiMate diagrams visualising e-Document lifecycle

e-Docs



Data model to describe public services & associated life & business events

CPSV-AP



Data communication network service

TESTA



Metadata standard

DCAT-AP



Share your own semantic assets

Core Vocabularies



Government metadata management

ADMS



Multilingual platform for collaborative thesaurus management

VocBench3



Facilitate the editing of legislative texts

LEOS



Gather statements of support online

OCS for ECIs



e-Procurement system for Public Administrations

ePrior



Facilitate participation in public procurement across the EU

ESPD



Map certificates necessary in public procurement

e-Certis



Manage & share reference codes

Re3gistry



Common assessment method for standards & specifications

CAMSS



Platform for sharing & reuse of IT solutions for public administrations

Joinup



Communication & Info Resource Centre for Administrations, Businesses & Citizens

CIRCABC



National Interoperability Framework Observatory

NIFO



EU IOP Reference Architecture & EU Interoperability Cartography

EIRA & EICart



Open Project Management Methodology

PM²



Create, manage and analyse online surveys & public consultations

EUSurvey



Open source licence

EUPL



Interoperability Maturity Model

IMM



Interoperability & conformance testing platform

IOP TestBed



You click, we link!

ISA²

Learn more:





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Interoperability Academy: Project Aim

Supporting advanced Digital Skills in the public sector

Objectives of IOP Academy

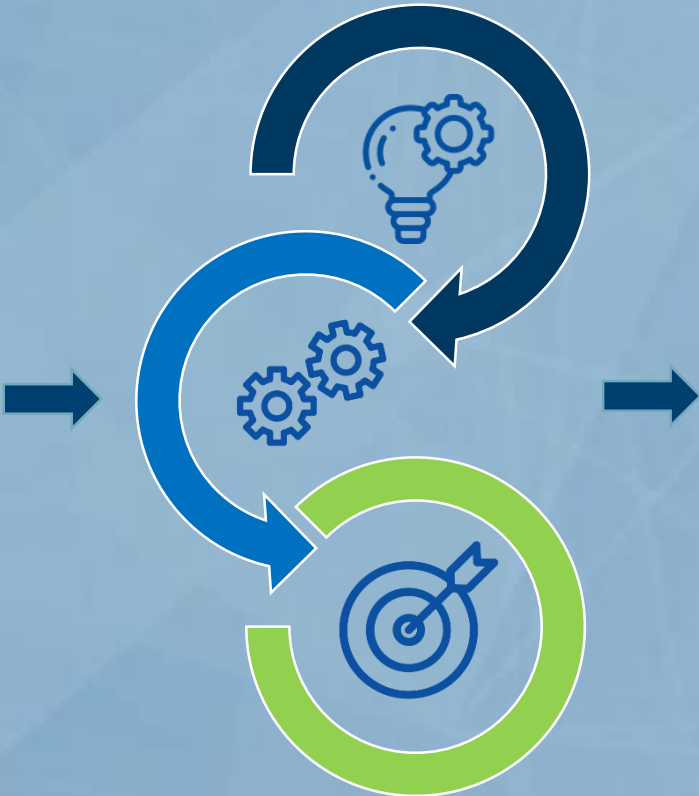
Provide advanced digital skills training to civil servants.



Re-use of ISA² solutions & support the implementation of EIF.



Improve level of advanced digital skills in the public sector.



Benefits

Offer LMS platform based on open standards, accessible 24/7.



eLearning courses on IOP complemented by face-to-face sessions.



Award certificate of completion to enhance career opportunities.

Interoperability Academy in Numbers

Supporting advanced Digital Skills in the public sector



16

Initiatives and organisations involved in IOP Academy



93

Stakeholders in Digital Skills for Public sector online community



3

Courses available by Dec 2020



3

Webinars



1

Winter School



10

Experts involved in shaping IOP Academy



53

Certificates of completion awarded already



2

Invitations to partners' event and live course testing



250+

Learning materials ready for reuse



Interoperability Academy – What is available NOW for you

- ✓ List of educational resources on IOP all in one place at the Catalogue.



- ✓ Updates on Digital skills in the Public sector on our Joinup collection.

- ✓ Knowledge sharing with experts & colleagues working on advanced digital skills.

- ✓ Insights on our ongoing study 'Skills & Competencies framework for the Public Sector'.

- ✓ Publicly available documents to help you in your work on improvement of advanced digital skills in your community.

Methodology

Step I Analysis

- Analyse known frameworks via literature review

Step II First proposal

- Create initial framework

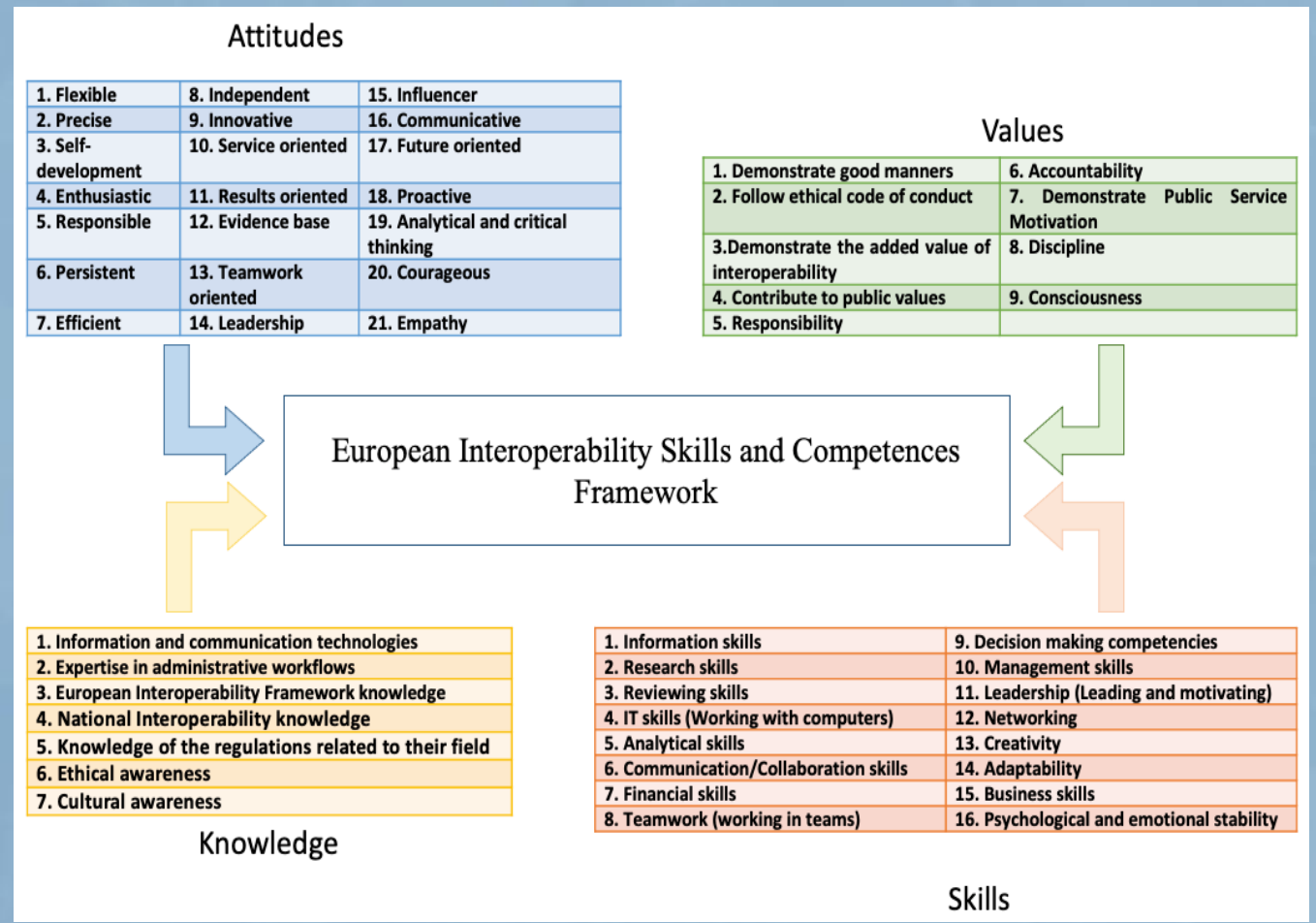
Step III Validation

- Validate findings in two-step approach with experts and public sector employees

Step IV Final Framework

- Published on Joinup and helps IOP Academy to shape the course offer

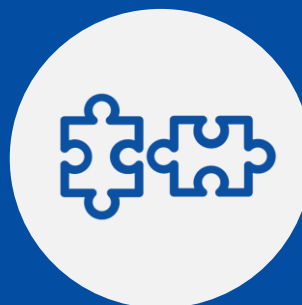
Result



Interoperability Academy: What is coming next for you



Access to Pan-European
eLearning platform - **EU
Academy**. Easy access via **EU
Login**.



Subscribe **for free** to all IOP-
related courses & get awarded
Certificate of Completion.



**Courses from MS can
be easily** integrated in
our Academy.



Download courses' **SCORM**
packages, **free of charge**, to
include them in your academy.



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Digital Skills Academies: Knowledge Sharing

Supporting advanced Digital Skills in the public sector





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UNIVERSITY OF PATRAS

Region of Western Greece
Ministry of Interior
Hellenic Republic

THE CHANCELLERY OF THE PRIME MINISTER



DEPARTMENT OF CIVIL SERVICE

Department of Civil Service,
Projects & Training Team, Poland



**Digital Skills and
Jobs Coalition
Lëtzebuerg**

Digital Skills & Jobs Coalition,
Luxembourg



UNDESA

Division for Public Institutions and Digital
Government/United Nations Department of
Economic and Social Affairs



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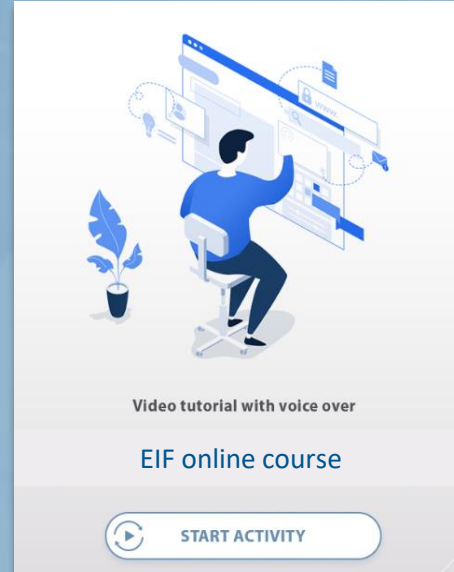
The first Course on IOP Academy

European Interoperability Framework: Aim and Structure



WHY EIF?

It gives guidance to achieve interoperable digital public services.



TEST & VALIDATION

More than 50 experts tested it live during the 10th Samos 2020 Summit.



HOW TO ACCESS IT?

- The course will be available **1 December 2020**
- Access the course via <https://academy.europa.eu/>
- Self-paced

Course on European Interoperability Framework (EIF)

Aim and Structure

Aim of Course

- Engage target audience with EIF.
- Learn how interoperability helps integrated public services.

Online Learning Course

Key knowledge & practical skills to implement EIF recommendations.



Interactive Guide

Access instantly all EIF information presented in the course for daily activities.

Structure

- Duration: 50 minutes
- 6 Modules
- The modules include:
 - ❖ PPT presentations
 - ❖ video animations 7-8'
 - ❖ a quiz at the end of each module

Main EIF course topics

1. Overview: What is the EIF & define key components
2. Underlying Principles
3. IOP layers
4. Conceptual Model
5. Monitoring mechanism
6. EIF Implementation tools

Complementary Topics

7. Practical Case Study
8. Final Test

The Interoperability Academy Indicative Roadmap

Achievements and Future Plans

- Establishment IOP Academy
- First collaborations

August 2019 -
October 2020

- 3 courses
- Skills & Competencies framework study

November -
December 2020

- IOP Academy curriculum
- New eLearning courses
- Calendar 2021: live courses, lecture series, seasonal schools...
- Greater community
- Promotion on Joinup

2021 - Onwards

How can we work together?

**Co create
learning
content**



**Co-host
events**



**Share
knowledge**



Reuse courses



Develop the skills needed to achieve
interoperable **cross-border and cross-**
sector public services



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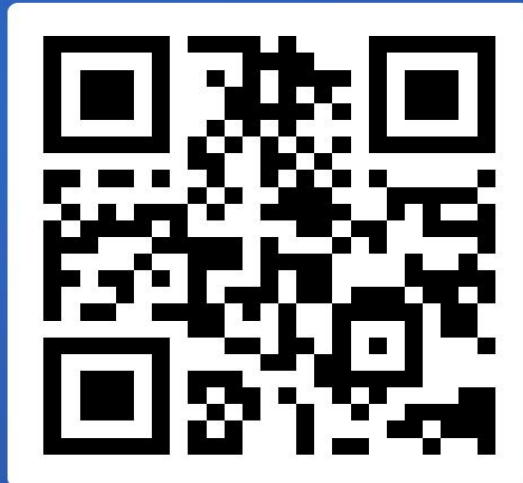
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Join at
slido.com
#Z830



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Stay in touch!



Thank you for your participation and support!



ISA² programme
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Stay in touch: ec.europa.eu/isa2 or [Joinup.ec.europa.eu](https://joinup.ec.europa.eu)



@ EU_isa2 + @ joinup_eu



IOP-Academy@ec.europa.eu

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.



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