



# Digital Governance and Interoperability curriculum / The Interoperability Academy

*Samos Summit 2020*

*15 July 2020*



# Interoperability — Academy —

by European Commission

## Interoperability Academy

*ISA<sup>2</sup> action 2019.01*

**EUROPEAN COMMISSION**  
**DIGIT D2 – Interoperability Unit**

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# Who we are



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## The Interoperability Academy Community





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TAN



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# The Interoperability Academy Workshop facilitators



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**1. Introduction to the workshop and Interoperability Academy**

**2. Introduction to European Interoperability Framework (EIF) course**

**3. Teaser on EIF course**

**4. Q & A**

**5. Closing Remarks**

The plan is to beta launch the Academy in September with an updated version of the course, and to bring online new features and functionalities, as well as learning opportunities, in the coming months and years.





## Objectives of the Interoperability (IOP) Academy

- ✓ Minimise the digital skills gap & train civil servants
- ✓ provide specialised E-learning training programmes

## What is Interoperability Academy?



Learning Management System (LMS) platform based on open standards accessible 24/7.



Online courses on interoperability complemented with face to face training sessions.



eLearning courses with a variety of techniques and customised Learning profiles & paths.



Offering a certificate of attendance to the successful participants.

1. IOP Academy was introduced as a new ISA<sup>2</sup> Action in 2019.

2. First course **on the IOP Academy** is on the European Interoperability Framework (EIF).

3. IOP Academy is hosted in the EU Academy eLearning platform.

4. EIF is also the **first course** hosted in the **EU Academy!**

5. All courses are accessible to everyone, free of charge.



# What Interoperability Academy currently offers to you

Additional knowledge source on Joinup

- ✓ Network of stakeholders and experts on IOP across Europe which you can join and benefit from exchanges with them!

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



- ✓ IOP related courses that would be of interest to users from diverse educational and professional background, like you here today, as you can see in the learner profiles and paths.

- ✓ Updates on the latest developments in the field of Digital skills in the Public sector through our collection on Joinup.

- ✓ Insights to our ongoing study which aims to identify the competencies that our courses should provide to civil servants based on current market standards.



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## **Miguel Alvarez Rodriguez**

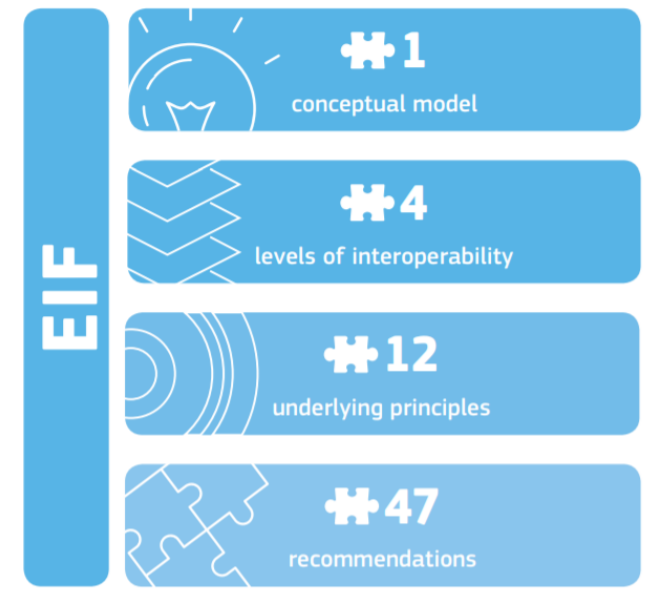
Programme Manager  
Interoperability Unit  
DG Informatics  
European Commission

# Course on European Interoperability Framework

The new EIF and the role of ISA<sup>2</sup>



## Role of ISA<sup>2</sup>



In accordance to ISA<sup>2</sup> decision, the ISA<sup>2</sup> programme is in charge of contributing to and monitoring the implementation of the EIF across the EU Member States.

- ✓ The **new EIF** is part of an EC Communication (2017/134) adopted in March 2017.
- ✓ The framework gives guidance on the establishment of interoperable digital public services.

**Aim:** Engage the target audience with the EIF in order to promote the 3 pillars (principles, layers and conceptual model) and learn how interoperability helps to design integrated public services with a practical case.

The integrated e-Learning solution will consist of 2 main components:

- ✓ **Online Learning Course:** will deliver key knowledge and practical skills to implement the EIF recommendations;
- ✓ **Interactive Guide:** will enable instant access to all EIF information presented in the course for daily activities.

### Structure of EIF Module

- ✓ Duration: 50 minutes
- ✓ 6 Modules plus 2 complementary modules
- ✓ The modules include:
  - PPT presentations
  - video animations 7-8'
  - a quiz at the end of each module



ONLINE COURSE

Linear navigation, designed to deliver knowledge in a self-paced environment



INTERACTIVE GUIDE

Drill-down navigation with embedded search, designed for instant access of information

## Main EIF Course Topics

### Complementary Modules

**1**  
Overview:  
What is the EIF  
and define key  
components

**3**  
Interoperability  
layers

**5**  
Monitoring  
mechanism

Practical  
Case  
Study

**2**  
Underlying  
principles

**4**  
Conceptual  
model








**6**  
EIF  
implementation  
tools






Final Test

# Course on European Interoperability Framework (EIF)

Structure of the course on the eLearning Platform


## European Interoperability Framework (EIF) Online Training ✕

- 1. Overview
  - ✓ 1.1 **Video Animation** 
- 2. Underlying Principles
  - ✓ 2.1 **Video Animation** 
  - ✓ 2.2 **Questions** 
- 3. Interoperability Layers
  - ✓ 3.1 **Video Animation** 
  - ✓ 3.2 **Questions** 
- 4. Conceptual Model
  - ✓ 4.1 **Video Animation** 
  - ✓ 4.2 **Questions** 

- 5. Monitoring Mechanism
  - ✓ 5.1 **Video Animation** 
  - 5.2 **Questions** 
- 6. EIF Implementation's tools
  - 6.1 **Video Animation** 
- 7. Case-Study: New-born Registration Public Service
  - 7.1 **Action Cards** 
- 8. Final Test
  - ✓ 8.1 **Questions** 

### European Interoperability Framework (EIF) Online Training

**8. Final Test**





The last step to finish this course is to complete the final test.

You will need to answer to 11 questions about European Interoperability Framework.  
Take your time, read them carefully and try to answer as correct as possible.

Good luck!

[Let's start the test](#)

☰ 1. Overview  ... 

To find out more about European Interoperability Framework (EIF), please visit:

- [EIF Brochure](#)
- [EIF Guidelines](#)
- [Digital public administration Factsheets](#)
- [EIF Glossary](#)
- Joinup [Solutions](#) page

Close RESOURCES



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# Course on European Interoperability Framework (EIF)

Additional course features

The screenshot shows a web application interface for the European Interoperability Framework (EIF) Online Training. The main content area features an illustration of a person at a computer with a large screen displaying data. Below the illustration, the text reads "European Interoperability Framework (EIF) Online Training" and a button labeled "START ACTIVITY" is highlighted with a red rectangular box. The interface includes a blue header with a menu icon and the text "1. Overview", and a blue footer with a "Help" button and navigation icons. A smaller inset window on the right shows a similar interface with a "1. Overview" header and a central graphic of a building.

START BUTTON  
Starts the course.

◀ Previous      Next ▶

Close HELP

<http://elearning.delivery/EIF/story.html>

Thinking about the **video we've just watched...**



### TO ANSWER THE QUESTIONS

- we will be using [www.slido.com](http://www.slido.com).

To access the quiz go on slido and use webinar ID:

**#R531**

### INFORMATION ABOUT THE QUESTIONS

- The question to be answered will be shown in the middle of the screen.
- In some questions there are more than one correct responses.

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### We would like your feedback concerning the EIF training course for which we just watched some teasers.

1. Did the videos adequately explain the knowledge, skills, and concepts it presented?
2. How did you find the quizzes?
3. What do you think about the quality of the examples presented in the EIF course?
4. How did you find the visual design of the course and the materials?

### Help us create a positive learning experience on the eLearning platform!

1. Based on your experience as students, which features would contribute to a positive learning experience?
2. On the Interoperability Academy Learning Management System, what would you expect to find besides research, IT solutions and documentation (policy, standards, specifications)?
3. What would you expect from an interoperability curriculum in terms of topics and courses?



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## Stay In touch

- Join us on:  
[Joinup](#)
- Contact us on:  
[IOP-ACADEMY@ec.europa.eu](mailto:IOP-ACADEMY@ec.europa.eu)
- Explore possibilities for collaboration



## EIF Course Testing

- Test the course
  1. By creating an [EU login](#)
  2. Then accessing the course here:  
<https://academy.europa.eu/>,  
using these credentials  
Username: jrc  
Password: eucomission321!
- Tell us your opinion:  
[EU SURVEY](#)



## Mini-projects

- Co-create courses for the IOP Academy
- Ways to improve the EIF course?

You can find us here.

<https://joinup.ec.europa.eu/collection/digital-skills-public-sector>



# Digital Skills in the public sector

Last update  
6 days ago

70 Members  
1 Solution

JOIN THIS COLLECTION

You can become member.



Overview

Members

About

This collection aims to enhance the collaboration on development of digital skills in the public sector between the European Commission, EU countries, international organisations and any other stakeholders through opening discussion topics and allowing information exchange. [Read more](#)

12 News

5 Events

3 Discussions


MORE ▾

You can share info, event & start discussion on relevant topics of your interest.

About: all policy domains ▾

Stay up-to-date with events we are organising.

You can comment existing material/activities.



**Samos Summit**  
On ICT-enabled Governance

The 10th Samos 2020 Summit on ICT-Enabled Governance

13/07/2020 event

Help us create a positive learning experience on the


Interoperability Academy is soon going live and we need your help to co-create a modern, user-friendly eLearning platform! So far, feedback of our stakeholders

2 discussion

Let us know more about your eLearning platform!

Help us shape the Interoperability Academy! We are eager to implement the best practices and create a modern platform accessible 24/7, free of charge

0 discussion



**Interoperability Academy**

solution

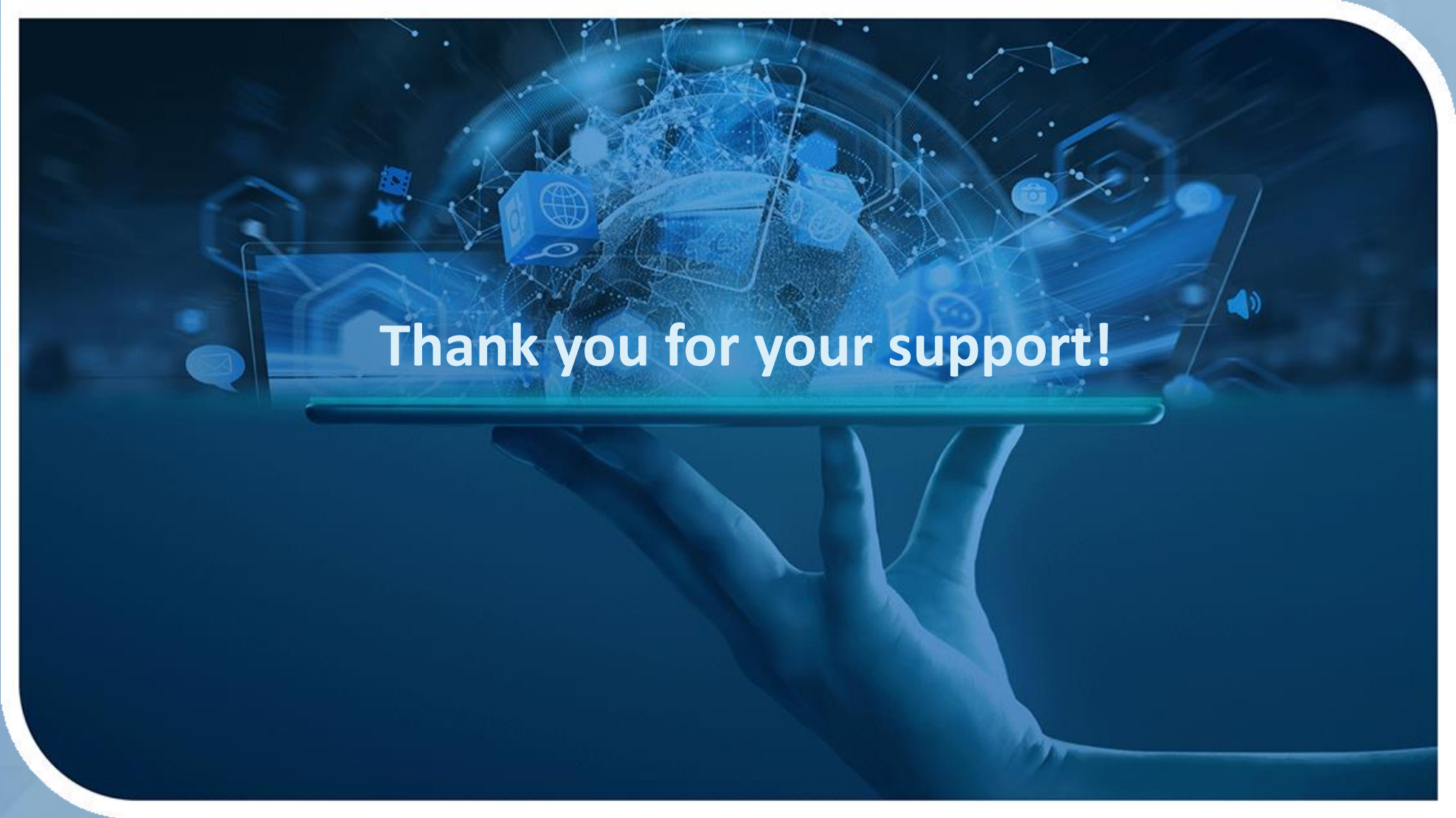
Share your expertise!



Talk to us:  
[IOP-Academy\(at\)ec.europa.eu](mailto:IOP-Academy(at)ec.europa.eu)



**Stay in touch!**





**ISA<sup>2</sup> programme**  
*You click, we link!*



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

 @ EU\_isa2 + @ joinup\_eu



[IOP-Academy@ec.Europa.eu](mailto:IOP-Academy@ec.Europa.eu)

Run by the Interoperability Unit at DIGIT (European Commission) with 131€M budget, the [ISA<sup>2</sup> programme](#) provides public administrations, businesses and citizens with specifications and standards, software and services to reduce administrative burdens.



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In the context of this presentation:

- **Interoperability:** the ability of administrative entities to electronically exchange, amongst themselves and with citizens and businesses, meaningful information in ways that are understood by all parties in order to improve the deliver of digital public services in the EU, including legal issues, organistional aspects, & data/semantic concerns.
- **Interoperability curriculum:** the subjects comprising the course of study in the Interoperability Academy eLearning platform.
- **Solution:** any type of software or IT service.