



Directorate General Informatics
Directorate D – Digital Services
DIGIT B2 - Interoperability

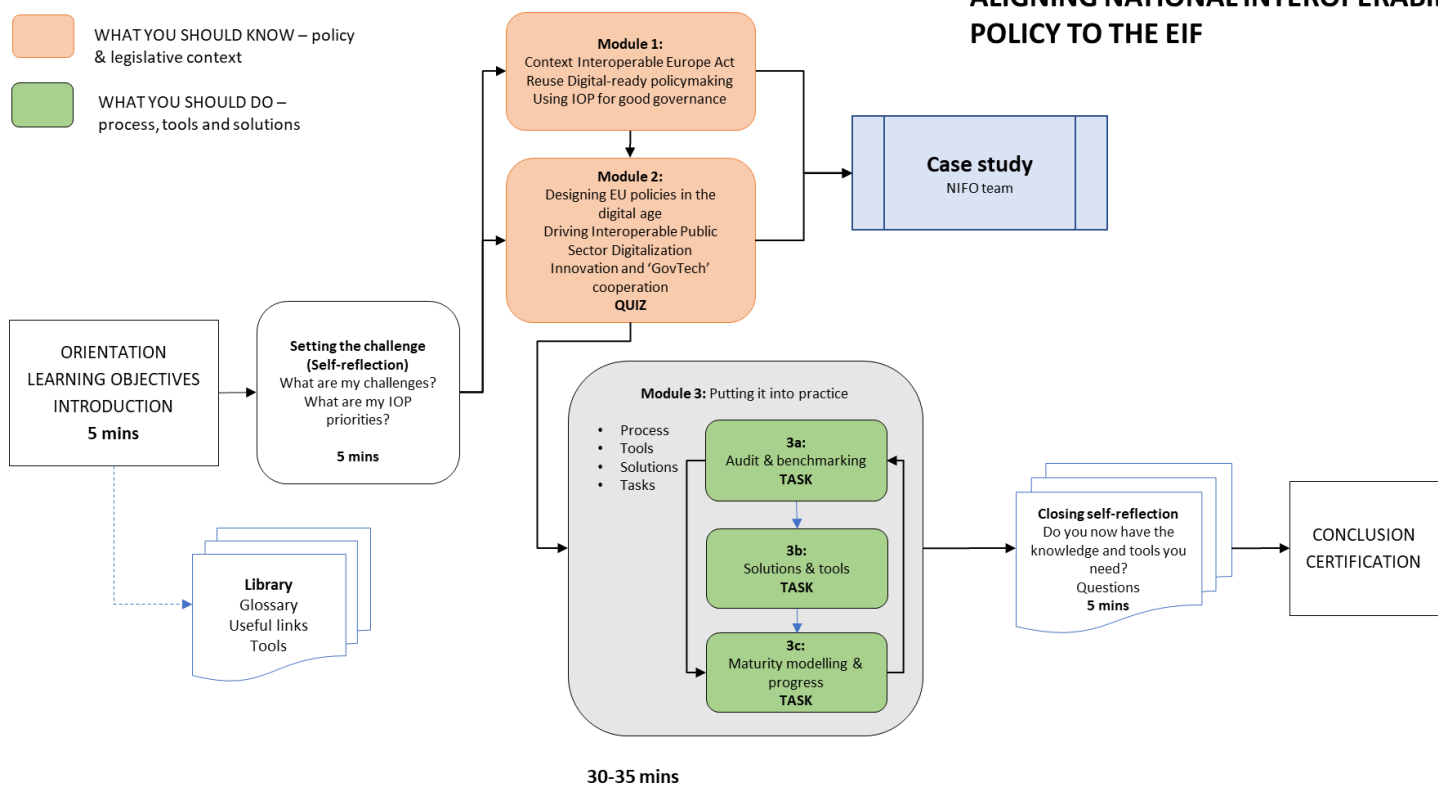
Alignment of National Interoperability Frameworks to EIF

Course information and storyboard



interoperable
europe
Academy

Course information	
Course Provider	European Commission
Course Title	Aligning National Interoperability Frameworks to the EIF
Course Topic	
Course Type	
Course tags	eGovernment, Digital skills in the public sector, Interoperability, Public Sector Innovation, Innovative Public Services.
Course summary	The course is designed to equip national public administrations with the knowledge, skills and tools necessary to align their national interoperability frameworks (NIFs) with the European Interoperability Framework (EIF) in order to promote interoperability at national and European level.
Target audience	The primary target audience comprises: <ul style="list-style-type: none"> ○ Policy leads and managers ○ CIOs ○ Regional/city authority officers ○ Public administration managers ○ Product service owners – Public service designers ○ Solution architects
Language	English
Level	Intermediate. The course is addressed to people already aware of usages of emerging technologies in the context of Digital Public Services.
Learning Objectives	The learner will understand: <ol style="list-style-type: none"> 1. Why alignment is key towards a shared interoperability governance 2. How to develop policy aligned to EIF 3. Understanding the EIF dashboard dimensions 4. Recognising interoperability challenges 5. Understanding supporting tools and services 6. Using / implementing supporting tools and services 7. Preparing national responses for EIF monitoring

<p>Course format</p>	<div style="text-align: right; font-weight: bold; font-size: 1.2em;">ALIGNING NATIONAL INTEROPERABILITY POLICY TO THE EIF</div> <div style="margin-bottom: 10px;"> WHAT YOU SHOULD KNOW – policy & legislative context </div> <div style="margin-bottom: 10px;"> WHAT YOU SHOULD DO – process, tools and solutions </div>  <p>The flowchart illustrates the course structure. It begins with an 'ORIENTATION' phase (5 mins) including learning objectives and an introduction. This leads to 'Setting the challenge (Self-reflection)' (5 mins), where learners identify their IOP priorities. A 'Library' of resources (Glossary, Useful links, Tools) is available. The main content consists of three modules: Module 1 (Context, Interoperable Europe Act, Reuse, Digital-ready policymaking, Using IOP for good governance), Module 2 (Designing EU policies in the digital age, Driving Interoperable Public Sector Digitalization, Innovation and 'GovTech' cooperation, QUIZ), and Module 3 (Putting it into practice, 30-35 mins). Module 3 includes three tasks: 3a: Audit & benchmarking TASK, 3b: Solutions & tools TASK, and 3c: Maturity modelling & progress TASK. A 'Case study' by the NIFO team is integrated between Module 2 and Module 3. The course concludes with 'Closing self-reflection' (5 mins) where learners assess their knowledge and tools, leading to 'CONCLUSION CERTIFICATION'.</p>
<p>Course structure</p>	<p>1. Introduction Orientation and background to the topic Learning objectives About the course</p> <p>2. Setting the challenge Self-reflection activity – the learner will consider what the challenges are specific to their role and working context.</p>

They will set some simple objectives and tasks that will be revisited at the end of the course.

3. Module 1: Principles of good governance

The legislative context: The Interoperable Europe Act

Why aligned policy is important (EIF monitoring dashboard dimensions)

Incorporating EIF principles in the national interoperability policy.

Reusing EIF conceptual model in national systems and interoperable service design

Introduction to interoperability assessment

The five recommendations of interoperability governance and 2 of integrated public administration governance

4. Module 2: Developing aligned policy, interactive policy builder

Using the principles and recommendations outlined in module 1, this is an interactive guide to building policy that is aligned to the EIF.

- Designing EU policies in the digital age (e.g. Berlin Declaration Policy Areas)
- Exploiting European legislative initiatives for digital public administration
- Driving Interoperable Public Sector Digitalization
- Innovation and 'GovTech' cooperation and emerging technologies
- Inter-administrative data strategy and data spaces

5: Quiz

Testing knowledge of legal and policy context.

6. Module 3

The following 3 sections then focus on some of the supporting tools and services that can assist in the development of aligned policy, such as:

- EIF online assistant
- Digital policy hub, digital monitoring hub,
- The structure of a NIFO and BDM country report
- Measuring progress with the interoperability scorecard
- EIF dashboard

These modules will include Tasks (homework) that require the learner to demonstrate that they can access and used the tools, within a structured process, for an identified outcome.

6. Case study

	<p>We can use the Digital Policy Hub or advice of NIFO team to identify a suitable national case study, that illustrates successful application of the above approaches. As an alternative we could use country best practices considering the KPIs of EIF- NIF alignment in specific dimensions</p> <p>7. Closing self-reflection The learner will revisit the challenge they set themselves in the opening section, and consider:</p> <ul style="list-style-type: none"> ○ Has it been successfully addressed? ○ What did I learn? ○ What can I put into practice? ○ What do I need to do / study next?
Course launch date	Feb 2023
Course end date	None assigned
Dependency	There will be a recommended pre-requisite, based on an initial formative assessment, for users to take the 'Interoperability: An introductory course'.
Course duration	30 minutes
Course Image	
Course banner	
How would you describe the content of your course?	
Select a course type	Open and listed
Additional resources	<p>EIF Monitoring https://joinup.ec.europa.eu/collection/nifo-national-interoperability-framework-observatory/eif-monitoring</p> <p>Berlin Declaration monitoring mechanism https://joinup.ec.europa.eu/collection/nifo-national-interoperability-framework-observatory/berlin-declaration-monitoring-mechanism</p> <p>EIF Dashboard https://app.powerbi.com/view?r=eyJrIjoiaW50ODRlLWJlZG90OTI4IiwidCI6Im0yWVJnZi3LWEyZjUtNDBlMy1iZTNhLTE1Njk1YzQyM2M5YSIsImMiOiJ9&pageName=ReportSection1e863ab2f4775b93c9a2_!!NEMsmePo_HYI!e7jixOqbY9i5ZDqUySpypielR9v9puuy9YOWHQ9xyXwONnEXWw0UXlz1BG1NKDJTZjUdetMgpSSUgkqMHT91RPe4Yw5U\$</p>

Co VAL dashboard

<https://www.co-val.eu/dashboard/>

State of play report on Digital Public Administration and Interoperability 2022

<https://joinup.ec.europa.eu/sites/default/files/news/2022-10/State-of-play%20report%20%202022%20VFinal.pdf>

EIF for smart cities and communities

<https://joinup.ec.europa.eu/collection/nifo-national-interoperability-framework-observatory/news/eif4scc-smart-cities-communities>

NL DIGITAAL: Interbestuurlijke Datastrategie Nederland

<https://www.rijksoverheid.nl/documenten/rapporten/2021/10/31/nl-digitaal-interbestuurlijke-datastrategie-nederland>