

ISA² Programme

Λύσεις

Διαλειτουργικότητας:

Υπηρεσίες και

Εργαλεία



Ημερίδα ΕΚΚΔΑ:

Η Ευρωπαϊκή μεθοδολογία
Διαχείρισης Έργων PM²
Αθήνα, 11 November 2019



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ISA² Programme



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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

ISA² - IT solutions for less bureaucracy

You click, we link.

Interoperability



Legal interoperability



Organizational interoperability



Semantic interoperability



Technical interoperability

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Overview of ISA²



ISA² Programme Interoperability solutions for public administrations, businesses and citizens

**Programme managed by the European Commission
supporting development of interoperable IT solutions &
Services**

Budget: 131M €

Duration: 2016-2020

Overview of ISA²



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

For public administrations



For businesses and citizens



ISA² - IT solutions for less bureaucracy

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ISA² programme - policy context

Contributes to completing the Digital Single Market

Contributes to the implementation of the eGov Action Plan (2016-2020) and the European Interoperability Framework

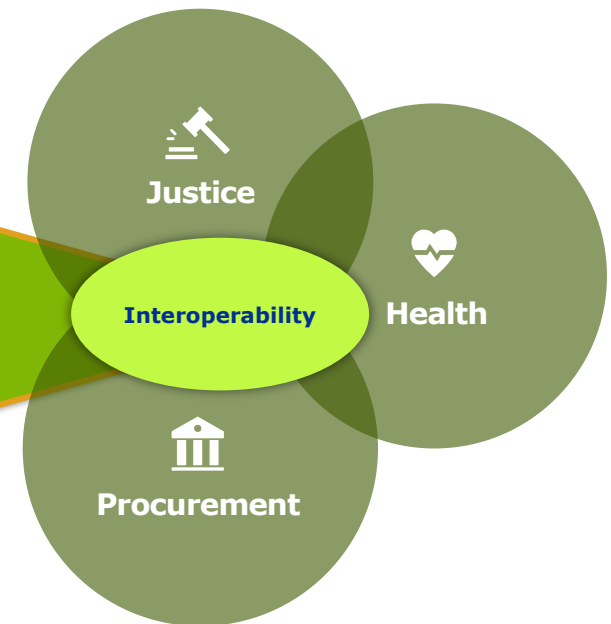
Complements other EC programmes, e.g. CEF, European Social Fund (Operational Programme, administrative capacity), Regional funds, SRSP

Contributes to many EU policies, e.g. Open DATA initiative, the PSI directive, TOOP, Digital Single Gateway



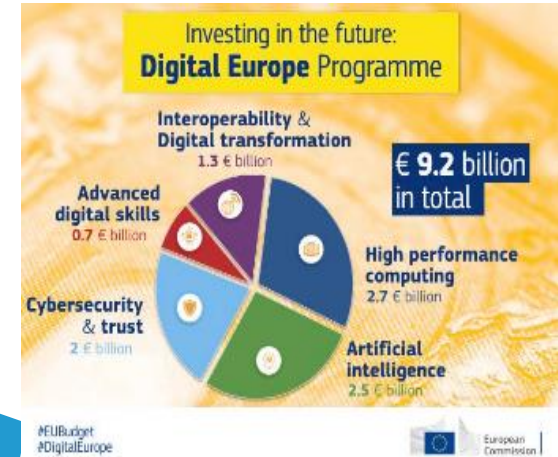
The Tallinn Declaration recognised that the digital transformation of public administration can be greatly facilitated by interoperability (IoP)

1. Digital-by-default
2. Once-only
3. Trustworthiness and Security
4. Openness and transparency
- 5. Interoperability by default**
6. Horizontal enabling policy steps
7. Cross-border by default



Challenges towards the future

- Data (once only principle, semantic/technical interoperability,...)
- New technologies impacting PA
- Synergies with other programmes
- Exploit potential of EIF
- Government interoperability platform
- ...



Solutions



ISA² Programme solutions

Check out our interoperability and open source solutions to cut red tape. More to come!

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

ESP

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:

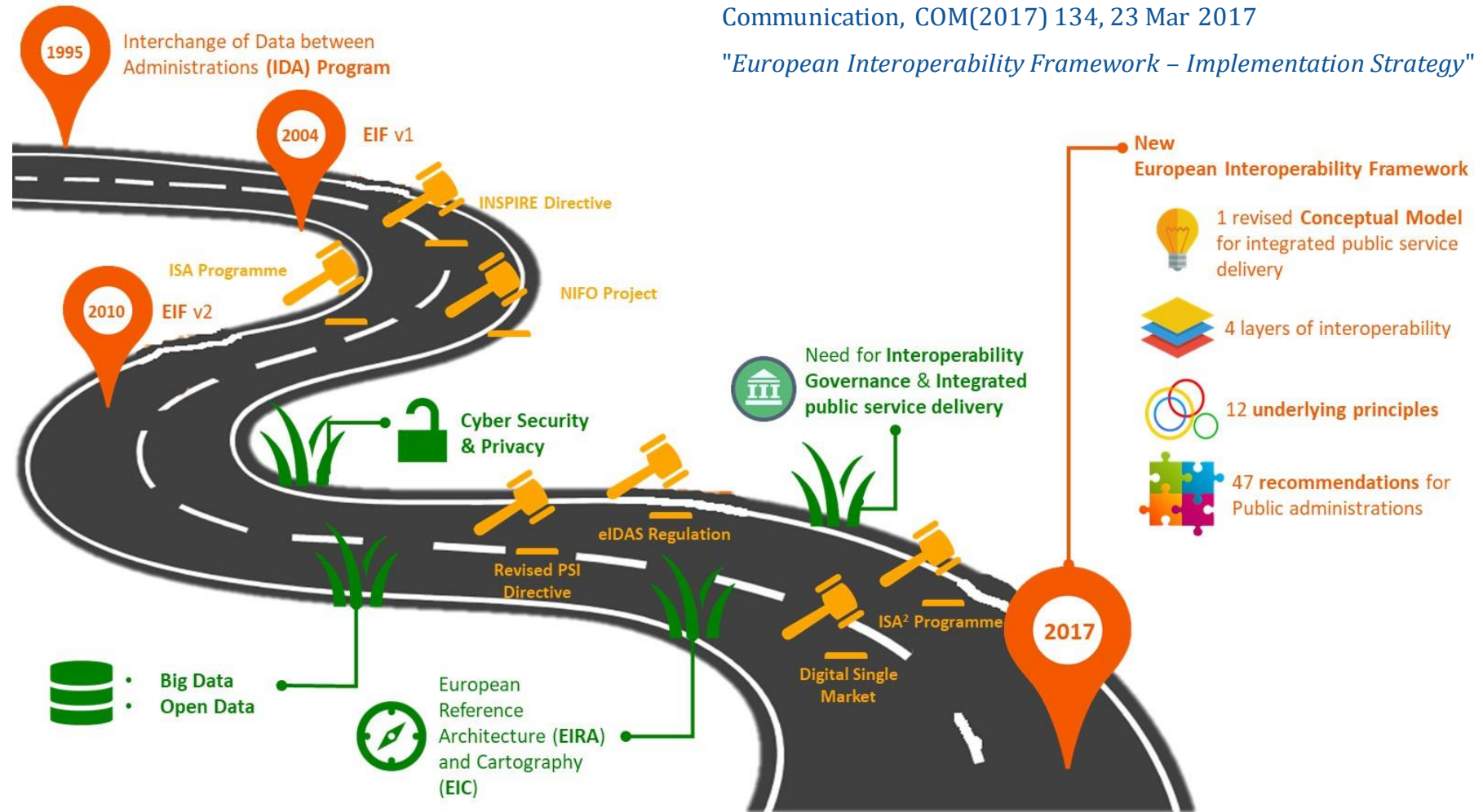


IoP Storyline



Communication, COM(2017) 134, 23 Mar 2017

"European Interoperability Framework – Implementation Strategy"



Detailed view of the EIF structure:

1 Conceptual Model

Interoperability Governance

- Legal interoperability
- Organisational interoperability
- Semantic interoperability
- Technical interoperability

Integrated Public Service Governance

- Integrated Public Services
- Coordination for Integrated Service Delivery
- External Information Sources and Services
- Internal Information Sources and Services

Interoperability Principles

EXAMPLE *Recommendation 39:* Match each base registry with appropriate metadata including the description of its content, service assurance and responsibilities, the type of master data it keeps, conditions of access and the relevant licences, terminology, a glossary, and information about any master data it uses from other base registries.

4 Layers of interoperability

- Legal interoperability** to ensure that organisations operating under different legal frameworks, policies and strategies are able to work together.
- Organisational interoperability** to align business processes of PAs and relevant information exchanged
- Semantic interoperability** to ensure that the precise format and meaning of exchanged data and information is preserved and understood throughout exchanges between parties
- Technical interoperability** covers the applications and infrastructures linking systems and services.

12 Underlying Principles

- Subsidiarity and proportionality
- Openness
- Transparency
- Reusability
- Technological neutrality and data portability
- User-centricity
- Inclusion and Accessibility
- Security & Privacy
- Multilingualism
- Administrative simplification
- Preservation of information
- Assessment of effectiveness and efficiency

47 Recommendations

EXAMPLE *Recommendation 39:* Match each base registry with appropriate metadata including the description of its content, service assurance and responsibilities, the type of master data it keeps, conditions of access and the relevant licences, terminology, a glossary, and information about any master data it uses from other base registries.

Base of the questionnaire

EIF principles

Reusability & Openness



Reuse & share at the core

There are some key challenges that limit the sharing and reuse of IT solutions, at technical, organisational, legal and communication levels. **The ISA² sharing and reuse framework for IT solutions¹² provides recommendations for public administrations** to help them overcome these challenges and share/reuse common IT solutions. Reuse and sharing can be effectively supported by collaborative platforms.¹³

Underlying principle 4:
reusability

✚ *Recommendation 6:*

Reuse and share solutions, and cooperate in the development of joint solutions when implementing European public services.

✚ *Recommendation 7:*

Reuse and share information and data when implementing European public services, unless certain privacy or confidentiality restrictions apply.

Sharing & Reuse action

S&R

S&R supports public administrations in sharing and reusing IT solutions to provide better electronic services to businesses and citizens



Sharing and
Reuse

Open Source
Observatory

OSOR

Exchange of information, experience and best practices around open source solutions for use in public administrations



Action 2016.31

OPM²

Freely reusable project management methodology available to public administrations in Europe



Open PM²



EUPL

Tool for publishing any copyrighted software as open source; legally consistent with the copyright law of all EU countries

European Union
Public Licence

Share & Reuse Open PM²



European Commission

European Commission > ISA² > Solutions > OpenPM²

ISA² - Interoperability solutions for public administrations, businesses and citizens

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OpenPM²

 Open Project Management Methodology

When is this solution for you? You are a project manager looking for free and easy to use project management methodology.

What can we offer you? OpenPM² is a **project management methodology designed by the European Commission**. Its purpose is to help project teams to manage their projects effectively, and to deliver solutions and benefits to their organisations and stakeholders. OpenPM² is suitable for any type of project, it is ideal for projects related to the public sector, or EU programmes.

[Open Project Management Methodology \(Open PM²\)](#) created under Sharing and Reuse action. Open PM² is a free version of the PM² developed by the European Commission in 2007. enable project teams:

- ✓ to manage their projects effectively & deliver solutions and benefits to their organisations and stakeholders

OpenPM²



European Commission



Directorate - General Informatics
Directorate D - Digital Services
DIGIT D2 - Interoperability

OD01.01 Project Handbook

Date:
Doc. Ver:
Templaz

SC237_OD01_01_Project Handbook

Directorate - General Informatics
Directorate D - Digital Services
DIGIT D2 - Interoperability

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Quality Management Plan

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OpenPM² Programme logo

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An initiative supported by ISA²

This initiative is supported by the European Commission's ISA² programme. ISA² is a EUR 131 million programme supporting the modernisation of public administrations in Europe through the development of e-Government solutions. More than 20 solutions are already available, with more to come soon. All solutions are open source and available free of charge to any interested public administration in Europe.

More on the programme
ec.europa.eu/isa2

Contact ISA²
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OpenPM² Project Management Methodology

ISA² programme
Interoperability Solutions for European Public Administrations, Businesses and Citizens

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OpenPM² in joinup



Join the [OpenPM² community](#) on Joinup.

The screenshot shows the OpenPM² community page on the Joinup platform. The page header includes the Joinup logo, navigation tabs for "COLLECTIONS", "SOLUTIONS", and "KEEP UP TO DATE", and a search icon. The main header area features the OpenPM² logo, the title "Open PM² Project Management Methodology", and a "YOU'RE A MEMBER" button. Below this, it indicates the last update was "17 days ago", there are "307 Members" and "1 Solution".

The main content area is titled "PM² Material" and contains a sidebar with navigation options: "Overview", "PM² Material" (selected), "Members", and "About". The main content is divided into two sections:

- PM² Leaflets:** Three leaflets are displayed:
 - PM² Methodology: Hygiene and Benefits:** A white leaflet with a colorful PM² logo.
 - PM² The PM² Mindsets:** A purple leaflet with the PM² logo.
 - PM² The Open PM² Initiative:** A blue leaflet with the PM² logo.
- PM² Posters:** Two posters are displayed:
 - A poster titled "Project 3-Color" featuring a tree and colorful shapes.
 - A poster titled "PM² Project Management" showing a flowchart of project management processes.

Two large, tilted logos are overlaid on the page: the PM² logo on the left and the joinup logo on the right.



Ερωτήσεις;

Ευχαριστώ για την προσοχή σας



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