

8.12 SHARING AND RE-USE (2016.36)

8.12.1 IDENTIFICATION OF THE ACTION

Type of Activity	Common Frameworks
Service in charge	DIGIT.B6
Associated Services	

8.12.2 EXECUTIVE SUMMARY

The economic crisis requires EU public administrations to do the same or even more with much less. In this context, sharing and reuse of the IT solutions used for the provision of digital public services has the potential to bring the much needed savings.

At the same time, reuse of solutions will contribute to a greater harmonisation and improved coherence of services across EU and will make it easier for public administrations to interact and interoperate.

Member States and the Commission have already taken various steps towards this direction. Under the ISA programme, the "Sharing and re-use" action has already produced a number of tools which can help public administrations to develop common and reusable solutions.

Under the 2016 ISA² work-programme, the following activities will take place:

- Publish a re-use and sharing framework: The common framework on cross-border sharing and re-use of solutions (developed under ISA) will be put in public review so as to become a core reference for EU and national sharing and re-use initiatives;
- Conferences about sharing and re-use of IT solutions in the public sector focusing on best practices (cases, solutions, governance and business models);
- Support to national and regional projects bearing chances for a cross-border re-use;
- Award successful IT projects having a potential for cross-border expansion. The aim is to use the prizes as financial incentives and communication tools to have a positive effect on the cross-border re-use of IT solutions (e.g. open source software solutions or services).

8.12.3 OBJECTIVES

The action shall support public administrations in sharing and re-using IT solutions and best practices in order to facilitate the development of interoperable, high-quality and efficient public services.

8.12.4 SCOPE

All EU public administration providing public services are in scope of the action, which aims to develop and promote instruments to help administrations share and re-use their IT solutions. Within this scope, the action has already developed and will publish in 2016 a common Sharing and Re-use Framework, has already developed a set of guidelines and templates and will organise a conference to disseminate these instruments and information on best practices in Europe.

8.12.5 PROBLEM STATEMENT

The problem of	budget limitation although there is a need for better public services at national level and more cross-borders cooperation
affects	the EU public administrations (at all levels, national, regional and local), their users (other administrations, citizens and businesses) as well as the EU bodies responsible for cross-border and/or cross-sector policies
the impact of which is	digital isolation within the national borders, moderate ICT implementation quality, at higher cost, lack of interoperability and lack of coherence in the implementation of EU law.
a successful solution would be	to design a framework on sharing and re-use accompanied by measures (communication, awards, support to sharing and re-use initiatives, etc.) that can support its implementation in Europe.

8.12.6 EXPECTED BENEFICIARIES AND ANTICIPATED BENEFITS

Beneficiaries	Anticipated benefits
EU public administrations	Savings as well as indirect facilitation of interoperability through the reuse of existing public services solutions all over Europe
EU bodies	EU initiatives can be better implemented and their impact is maximised if digital services in Europe are developed on the basis of sharing and re-use of existing solutions
Citizens and businesses	Being the end-users of digital public services, they benefit from services of better quality, more interoperable and accessible. Reusability often entails less time for the end-users to engage themselves in using the service due to previous knowledge and makes the concerned service more attractive.

8.12.7 RELATED EU ACTIONS / POLICIES

Action / Policy	Description of relation, inputs / outputs
ISA Action 1.3 – Catalogue of services	The criteria developed by the action will be used by the Catalogue of services.
ISA Action 1.17 – Reusable Inspire Reference Platform	ARE3NA will benefit from the sharing and reuse strategy for the better organisation of assets and work related to open data initiatives, in line with the ARE3NA's objectives.
ISA Action 2.1 – European Interoperability Architecture	Sharing and re-use criteria will be considered within EIRA's endeavour to define interoperability specifications.
ISA Action 2.14 – Assessment of Trans-European networks supporting EU policies	The action will provide input to the EU cartography, by defining reusability criteria upon which the TES will be classified. Further on, it will also be used by the European Interoperability Cartography (EIC) as the necessary "sharing and re-use" for the introduction of an interoperable solution.
ISA Action 4.2.1 – Integrated Collaborative platform (Joinup)	Sharing and re-use criteria are used by Joinup for the federation and the registration of new solutions.

8.12.8 REUSE OF SOLUTIONS DEVELOPED BY ISA, ISA² OR OTHER EU / NATIONAL INITIATIVES

The action used many sources to develop the common EU sharing and re-use framework, such as the sharing and re-use framework developed by DG TAXUD (for the taxation domain) and a study on the identified barriers to sharing (developed by DG DIGIT). For other instruments, such as the meta-guideline for public procurement, the action used several studies developed by DG CNECT and DIGIT (under the IDABC and ISA programmes).

8.12.9 EXPECTED RE-USABLE OUTPUTS (solutions and instruments)

Output name	Sharing and re-use Framework
Description	The framework consists of a set of recommendations for public administrations, on the one hand to help them create shareable solutions and on the other hand to reduce development and operation costs by re-using already available solutions.

Reference	
Target release date / Status	Q2/2016

8.12.10 ORGANISATIONAL APPROACH

8.12.10.1 Expected stakeholders and their representatives

Stakeholders	Representatives
Member States' public administrations	Dedicated ISA ² Working Group experts
The European Commission	DIGIT, IT governance of the Commission as well as ICT services of other directorate generals

8.12.10.2 Communication plan

Event	Representatives	Frequency of meetings / Absolute dates of meetings?
Sharing and re-use conference		Q2/2016
Sharing and re-use reward event		Q2/2016

8.12.10.3 Governance approach

The action will be managed by DIGIT with the support of an external contractor. Whenever major deliverables are to be published, the validation of the MS representatives will be sought.

8.12.11 TECHNICAL APPROACH

A common framework on cross-border sharing and re-use of solutions (developed under ISA) will be put in public review in Q1/2016 so as to become a core reference for EU and national sharing and re-use initiatives. Its implementation will be supported by a series of activities, such as conferences about sharing and re-use of IT solutions in the public sector and support to national and regional projects bearing chances for a cross-border re-use.

An interesting new approach in promoting sharing and re-use is awarding successful IT projects having a potential for cross-border expansion. The methodology developed under ISA action 4.2.2 Community building will be used for the transparent selection and evaluation of candidate projects. All European public administrations are eligible. The precise context, along with the evaluation and selection criteria will be published by Q1 2016.

8.12.12 COSTS AND MILESTONES

8.12.12.1 Breakdown of anticipated costs and related milestones

Phase: Inception Execution Operational	Description of milestones reached or to be reached	Anticipated Allocations (KEUR)	Budget line ISA ² / others (specify)	Start date (QX/YYYY)	End date (QX/YYYY)
Operational	Sharing and re-use conference and award event	50	ISA ²		
	Promotion of sharing and re-use framework	30	ISA ²		
	Funds for financial awards	100	ISA ²	Q2/2016	Q2/2017
	Total	180			

8.12.12.2 Breakdown of ISA² funding per budget year

Budget Year	Phase	Anticipated allocations (in KEUR)	Executed budget (in KEUR)
2016	Execution	180	
2017			
2018			
2019			
2020			

9. ACCOMPANYING MEASURES