

## 1.1 ACCESS TO BASE REGISTRIES (2016.28)

### 1.1.1 IDENTIFICATION OF THE ACTION

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

### 1.1.2 EXECUTIVE SUMMARY

The DSM strategy underlines that only in 48% of cases do public administrations reuse information about citizens and businesses that they already possess. This figure justifies the emphasis put in the implementation across administrations of the once-only principle, meaning that instead of asking the citizen for information that they have already provided, public administrations will reuse the information they already have. The access and exchange of information contained in base registers is a necessary condition for the implementation of this principle.

Another essential condition for the modernisation of the public sector is the implementation of end-to-end services. And here again, the access and exchange of information in base registers is a key enabler.

Base registries are authentic sources of data for public administrations. As such, they are one of the basic building blocks of public services and the key to making the once-only principle and the provision of end-to-end services to citizens and businesses a reality.

The situation on access and interconnection of base registries is varied. It depends on the degree of digitalisation of the public sector, on the organisational and administrative context of each Member State and also on specific legislation.

On the European level, some important initiatives are in the process of being developed. The Directive on the Interconnection of Business Registries (Directive 2012/17/EU) mandates the interconnection of the business registries of all the Member States. The e-Justice Portal also serves as an important point for the interconnection of different types of registries. An interconnection of the Insolvency Registries with the e-Justice Portal has already been achieved and currently plans for the interconnection of other types of registries are proceeding.

The work developed under the ISA programme, with the identification of a set of best-practices and recommendations will be continued with the following steps:

1. A detailed picture and analysis of the current state of affairs on base registry access and exchange of information in each individual Member State. This picture will be developed taking into account also the implementation of the best practices and recommendations mentioned above and will cover technical, organisational, semantic and legal perspectives. It

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will also identify the difficulties facing today European administrations in this area and their needs.

2. Based on this analysis, the action will identify missing solutions and areas where further work should be undertaken so as to improve the implementation of the once-only principle and the provision of end-to-end services across the various administration levels.
3. The action will also extend the cartography of the existing solutions in this area and publish it on Joinup, structured according to the EIRA. Raising awareness and promotion of best practices and existing solutions through various means

The initiatives in this area must take into account the particular situation of each Member States. The ways to achieve the objective of interconnection and access to base registers and the information they contain, may differ depending on the particular institutional context of each Member State.

### **1.1.3 OBJECTIVES**

The action will support and facilitate the access and exchange of information from Base Registries in Europe notably through studying the current state-of-play at European level and by developing the necessary tools.

### **1.1.4 SCOPE**

Any Base Registry in Europe is potentially in scope of the action subject to budget availability. The action will deliver three important elements, which will be further expanded in future phases:

1. A state-of-play of access and exchange of information between/with Base Registries in the EU;
2. A Cartography of reusable Solutions for Base Registries information exchange;
3. Guidelines for a successful Base Registries information exchange.

### **1.1.5 PROBLEM STATEMENT**

Public administrations store their authentic data e.g. about citizens, businesses, properties, vehicles and other items in large databases called Base Registries. This data is often duplicated in other databases.

This results in a suboptimal delivery of public services and higher costs. Citizens are often asked to provide their data multiple times to different public administration entities which causes significant burden for all parties and raises dissatisfaction.

The solution to this problem lies in the formalised exchange of information from Base Registries, which will allow citizen to provide their data only-once, reduce data duplication (consequently avoiding data incoherence) and allow the public sector to deliver end-to-end services.

### 1.1.6 EXPECTED BENEFICIARIES AND ANTICIPATED BENEFITS

Beneficiaries	Anticipated benefits
Member States' public administrations	<ul style="list-style-type: none"> <li>• More efficient and effective access to information across administrative and geographical borders when establishing European Public Services.</li> </ul>
European Commission Services	<ul style="list-style-type: none"> <li>• Development of a software toolset and accompanying blueprint on integration knowledge management will facilitate future automation and integration projects by providing blocks of generic and reusable components.</li> </ul>
Citizens and businesses	<ul style="list-style-type: none"> <li>• Reduction of administrative burden;</li> <li>• Easier cross-border access to Base Registries information (e.g.. through the generic search engine, through open data services);</li> <li>• Increased transparency at EU level regarding companies;</li> <li>• Increased users' satisfaction of public services.</li> </ul>

## 1.1.7 RELATED EU ACTIONS / POLICIES

Action / Policy	Description of relation
Directive 2012/17/EU	Covers interconnection of business registers and single European access to information on companies
Directive 2003/98/EC + June 2013 revision	Covers the reuse of public sector information and Open Data
Regulation 1346/2000	Commission proposal for revision of the regulation covers the interconnection of insolvency registers
Revised Directive 2004/109/EC	Covers transparency requirements for listed companies and the establishment of European access point for the interconnection of officially appointed storage mechanisms
Directive 95/46/EC	Covers the protection of individuals with regard to the processing of personal data and on the free movement of such data
Directive 2007/2/EC establishing an Infrastructure for Spatial Information in the European Community (INSPIRE)	Land registries, made available in the framework of INSPIRE will be considered by the action
Communication on "A Digital Single Market Strategy for Europe", COM(2015)192	The once-only principle and the interconnection of (Business) Registries are specifically mentioned in the DSM.

Action / Policy	Description of relation
ISA Action 1.1 – Promoting semantic interoperability amongst the European Union Member States	The re-usable semantic solutions developed by ISA Action 1.1 (Core Vocabularies, ADMS) will be assessed by ISA action 1.2 in order to facilitate the exchange of data.
ISA Action 2.1 – Elaboration of a common vision for an European Interoperability Architecture (EIA)	The European Interoperability Architecture developed by ISA Action 2.1 will be taken into consideration when developing the tools in the pilot domains. On the other hand, ISA Action 1.2 has explored interconnecting architectures for Base Registries which could be an input for the EIA.
ISA Action 2.13 – Development of a European Union Location Framework (EULF)	ISA Action 2.13 provided an input to the EIA in terms of mapping INSPIRE to the EIA.

### 1.1.8 REUSE OF SOLUTIONS DEVELOPED BY ISA, ISA<sup>2</sup> OR OTHER EU / NATIONAL INITIATIVES

The main aim of the action is to promote the reuse of already existing solutions, as well as the promotion of existing best practices. As such, different aspects of many EU-level and MS-level initiatives will be reused.

The action will:

- assess solutions that could be re/used to support the exchange of information between/with Base Registries on the basis of criteria developed under the Sharing and reuse action;
- benefit from the EIRA building blocks to classify the above solutions;
- reuse guidelines from the action on Semantics and Metadata Management to deal with the semantic aspects of the format, exchange and overall management of data;
- consider information coming from the NIFO factsheets to identify the situation in the MS in relation to Base Registries;
- display and make publicly available its deliverables on the Joinup portal.

### 1.1.9 EXPECTED RE-USABLE OUTPUTS (solutions and instruments)

Output name	Updated Cartography of Reusable Solutions for
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	information exchange between/with Base Registries
Description	This will be a catalogue of various reusable solutions to support any Base Registry exchange of information.
Reference	
Target release date / Status	Q4 2016

Output name	State-of-play of Base Registries access and exchange of information in the EU
Description	Inventory and analysis of the situation at EU level
Reference	
Target release date / Status	Q4 2016

## 1.1.10 ORGANISATIONAL APPROACH

### 1.1.10.1 Expected stakeholders and their representatives

Stakeholders	Representatives
Member States	Representatives of the departments managing Base Registries interconnection at MS level and eGovernment matters. ISA <sup>2</sup> representatives from the various working groups and committees.
End-users	Citizens Representatives of companies
European Commission	DG DIGIT

### 1.1.10.2 Communication plan

Event	Representatives	Frequency of meetings / absolute dates of meetings?
Member States presentation	MS representatives	Twice a year

### 1.1.10.3 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.

## 1.1.11 TECHNICAL APPROACH

The action has produced 3 main deliverables (Cartography of reusable solutions, Guidelines for access and exchange of information between/with Base Registries.

In 2016, the action will:

- publish a report on the state-of-play in the MS also taking advantage of synergies and input from other ISA actions (as described before);
- extend the cartography of re-usable solutions in the domain and publish it on Joinup according to the EIRA (European Interoperability Reference Architecture);
- update deliverables already produced under the ISA programme as described above;
- promote the use of outputs, such as the cartography tool and the guidelines. A marketing and dissemination plan will established and deployed to promote this material and raise the awareness of policy makers, developers and other interested parties;
- make the outputs easily accessible. A practical tool (dashboard) will be put in place on Joinup to allow stakeholders having acces in an interactive way. All three deliverables become available to end-users in a central place on Joinup. The dashboard will serve as the main hub of a community that will promote the interconnection and access to Base Registries.

## 1.1.12 COSTS AND MILESTONES

### 1.1.12.1 Breakdown of anticipated costs and related milestones

Split the inventory output from the rest in the table below

Phase: Inception Execution Operational	Description of milestones reached or to be reached	Anticipated Allocations (KEUR)	Budget line ISA <sup>2</sup> / others (specify)	Start date (QX/YYYY)	End date (QX/YYYY)
	Update of actions' deliverables and dashboard creation and maintenance	250	ISA <sup>2</sup>	Q2/2016	Q1/2017
	<b>Total</b>	250			

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### 1.1.12.2 Breakdown of ISA funding per budget year

Budget Year	Phase	Anticipated allocations (in KEUR)	Executed budget (in KEUR)
2016		250	