



Re-search Alps

A project to map labs in the Alpine region

INEA CEF-TELECOM Project

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The idea behind the RE-SEARCH ALPS _ labs as valuable assets

- Scientific and technical laboratories, research centers, innovation centers** (both public and private)
- » are **pillars for the supply of scientific and technical knowledge** to the society
 - » constitute an **asset** to support economic and social development.

Data on those infrastructures

- » are valuable for **enterprises, public administrations, universities, service centers**, among others
- » are **complementary in industrial policy measures** supporting SMEs in using knowledge-intensive services and research activities provided by labs in the area.



The idea behind the RE-SEARCH ALPS _ a web tool to access that asset

a goal of EUSALP Action Group 1

» to support with this knowledge the systemic goal to enhance
innovation ecosystems

BUT this knowledge *is not available for potential users*

→ Need of a tool

» to know and map Laboratories and Research Centers
in the Alpine Macroregion

→ Our solution: **Re-search Alps**

Connecting Europe Facility 2014-2020 | CEF TELECOM CALLS FOR PROPOSALS 2016 |
CEF-TC-2016-2



Three main goals:

1. definition of a set of **metadata** able to represent the relevant characteristics of **laboratories, research and innovation centers – “labs”**
2. creation of an **open dataset** describing the **“labs”** in the seven countries of **EUSALP**
→ focus on the 48 Regions of the Alpine Area.
3. development of a **semantic and multilingual web application** for
 - » **querying the dataset**
 - » **retrieving the results** in open and structured formats and
 - » **visualizing geo-referenced data**



- development of a **metadata model**
 - » **standard coding to be inserted in the European Data Portal**
- possible structure
 - » **master data section** includes all the details for identifying (legally and geographically) the entity
 - » **capacity section** includes metadata describing the size in terms of staff, facilities, funded projects, supplied services, patents, publications, ...
 - » **activity section** includes metadata reporting the research areas, the types of services supplied, the expertise, ...
 - » **cooperative section** includes Research projects for which data is available at the national or European level
 - » **publication section** describing papers available at the national or European level
 - » **patents section describing patents** available in European repositories

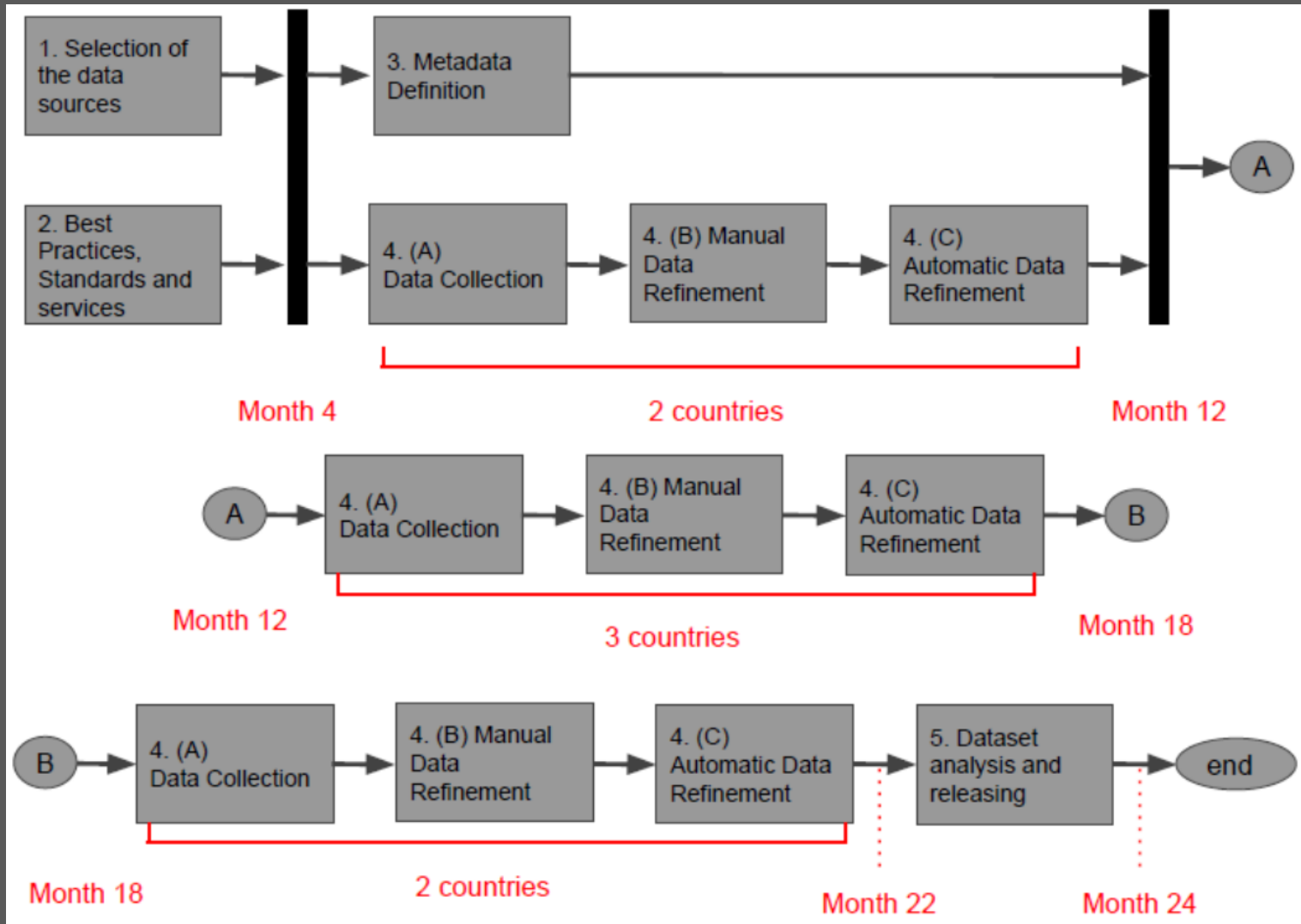


Methodology_integration & update

- allow to “virtually” integrate the local, national datasets, by mapping their schemas into the common dataset
- integrate in a **unique dataset** selected data which are already available in specific datasets and websites
 - » In this way, updates at the local level will be automatically propagated to the RE-SEARCH ALPS dataset and the process for generating a new release of the dataset simplified



Project Phases





2 academic organizations_ IT: UniMORE and UniMIL

1 SME_ FR: Data Publica C-Radar

2 Ministries for research_ MENSUR-FR and MIUR-IT data provider

supported by:

- Eusalp Action Group 1 → other PAs participating in EUSALP will be involved in the project directly as **providers of data and user requirements**
- AGIRE Foundation, Switzerland
- FTI Burgenland, Austria
- Ministry of Education Science and Sport, Slovenia
- Elsevier, The Netherlands, **data provider (Scopus)**










Eusalp National and regional authorities_role

- Re-Search Alps **needs** the support of EUSALP authorities that
- » indicate already existing solid / certified data collections;
 - » provide a list of research centers, existing and active in their areas, and facilitate the communication with them;
 - » become testers and then users of the developed tools;
 - » participate in project meetings;
 - » help in the dissemination and communication process.

UniMIL will manage the communication
between
Re-Search Alps and EUSALP members



existing data collections: business registers

Country	Search	Available data	Terms of use
Austria	-subject to payment	- Subject to payment	
France	<i>normal search:</i> by name / by SIREN - SIRET code. <i>additional search:</i> by address / municipality name or postal code	<ul style="list-style-type: none"> •Company name, address; •SIREN/SIRET code; •Legal organization form of the company; •Business activities classified by NAF code; •Total number of employees 	 Open data
Germany	<i>normal search:</i> by name / by legal form. <i>advanced search:</i> by federal state.	company address; financial statements.	
Italy	<ul style="list-style-type: none"> •by name; •by NACE code. 	company address; legal form; business activities.	
Liechtenstein	•by name; by legal form	company address.	
Slovenia	<i>normal search:</i> by name <i>advanced search:</i> legal form; NACE code; Location.	company address; contacts; VAT number	
Switzerland	<i>normal search:</i> by name, by IDI. <i>advanced search:</i> by canton, municipality, place; by legal form	company address; VAT number.	Further investigation needs 

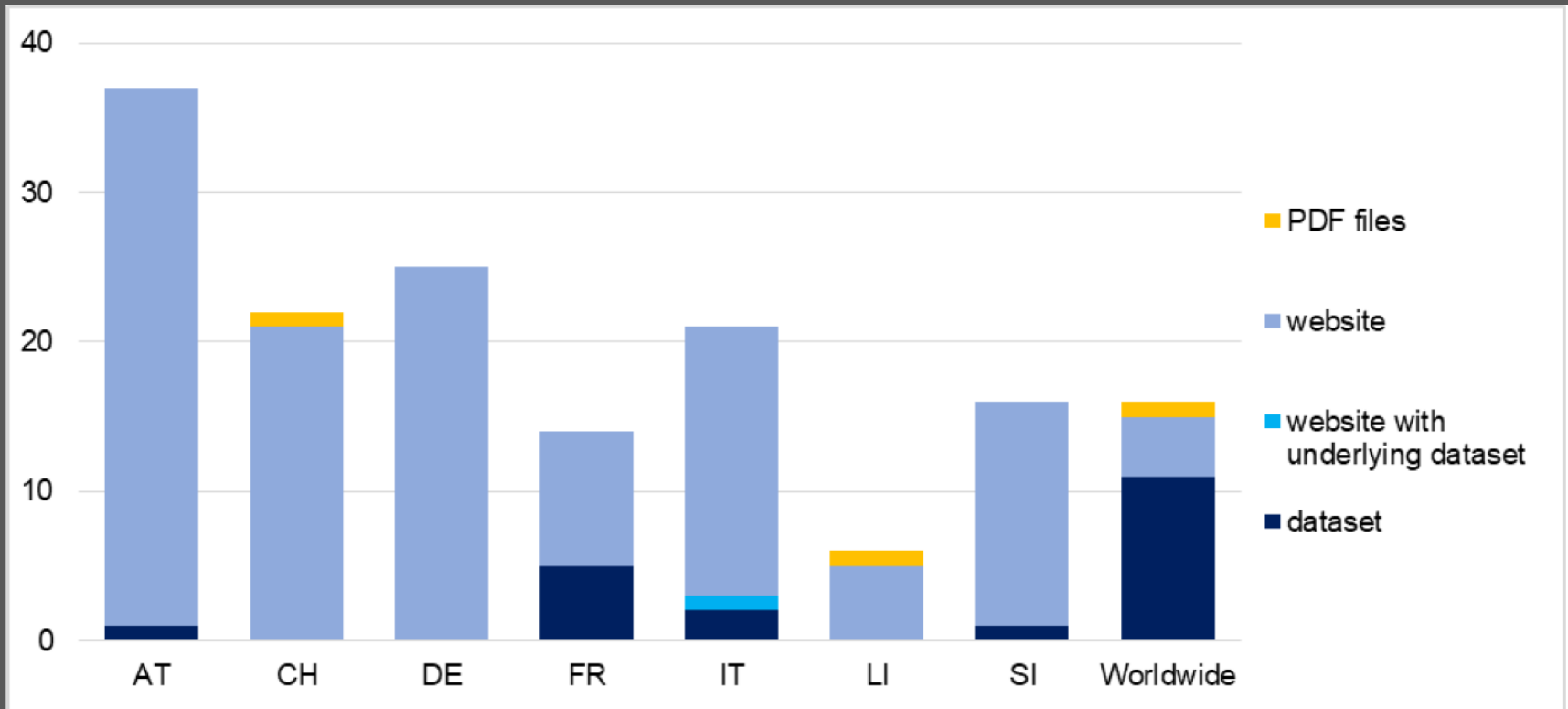


existing data collections: a review

- Business registry cannot be used for identifying private labs
- A review of the existing data collections performed
 - » Websites
 - » Datasets in various format
- 157 candidate datasets found



existing data collections: a review



- Typically not structured (i.e. machine readable) high quality data.
- We need help from the local authorities!



How to contribute now!

- We need national/regional **datasets** and **list of websites** describing labs and their research activities
- Please fill in the form available at
- <http://bit.ly/RAproject>
- Or contact
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Re-Search Alps goals meet Eusalp_goals

Two key objectives established by EUSALP (especially AG1)

- » to know and map Laboratories and Research Centers all across the Alpine Macroregion
- » to carry out comparative analysis while developing useful tools for users (enterprises, public administrations, universities, service centers, among others)

Re-Search Alps can support the achievement of EUSALP objectives with

- » a dataset of Laboratories and Research Centers insisting in the Eusalp AREA
- » a query engine for an easy access to the dataset
- » a tool for visualizing geo-referenced data



Thanks for your attention

web: researchalps.eu

twitter: [@re_alps](https://twitter.com/re_alps)

Further information:

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