



Re-search Alps

A project to map labs in the Alpine region

INEA CEF-TELECOM Project

AGREEMENT No INEA/CEF/ICT/A2016/1296967

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Re-search Alps

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



Re-search Alps

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

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



Re-search Alps

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

The goal of EUSALP Action Group 1:

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

BUT this knowledge is not available today for potential users!

→ Need of a tool to know and map Laboratories and Research
Centers in the Alpine Macroregion



Re-search Alps

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

Our solution: **Re-search Alps**

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



Re-search Alps

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
 - visualizing geo-referenced data



Re-search Alps **Methodology: metadata**

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



Re-search Alps

Methodology: integration and 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



Re-search Alps

The French ScanR



MINISTÈRE
DE L'ÉDUCATION NATIONALE,
DE L'ENSEIGNEMENT SUPÉRIEUR
ET DE LA RECHERCHE



scanR

Moteur de la Recherche et de l'Innovation
BÊTA

Ex: biotechnologies, "open government", "Institut Pascal", "UMR 7534", "Projet DYNOTEP" ...

RECHERCHER

[Accéder directement à la recherche avancée](#)





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BETA

Filtrer par :

TYPE D'ENTITÉ >

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THÉMATIQUES >

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PROJETS >

CARACTÉRISTIQUES >

Ex: biotechnologies, "open government", "Institut Pascal", "UMR 7534", "Projet DYNOTEP" ...

RECHERCHER



Exporter

de 1 à 20 sur 837 résultats - Page 1 sur 42

VUE LIS

Vascular Research Center of Marseille (VRCM)

Label numéro : U 1076

Numéro national de structure : 201220160R

Localisation : Marseille 5e (13)

Tutelles : Aix-Marseille université (Amu)
Institut national de la santé et de la recherche médicale (Inserm)

Recherche trouvée dans :
Domaine d'activité : public health : aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology
Contenu du site web : Accueil 201220160R : VRCM Vascular Research Center of Marseille Unité de recherche (situation 2017) Responsable(s)
Label : Vascular Research Center of Marseille
Publication : 55th Annual Meeting and Exposition of the American-Society-of-Hematology - New Orleans, LA 2013

Effacer la sélection

Chercher



176



123



98



77



72



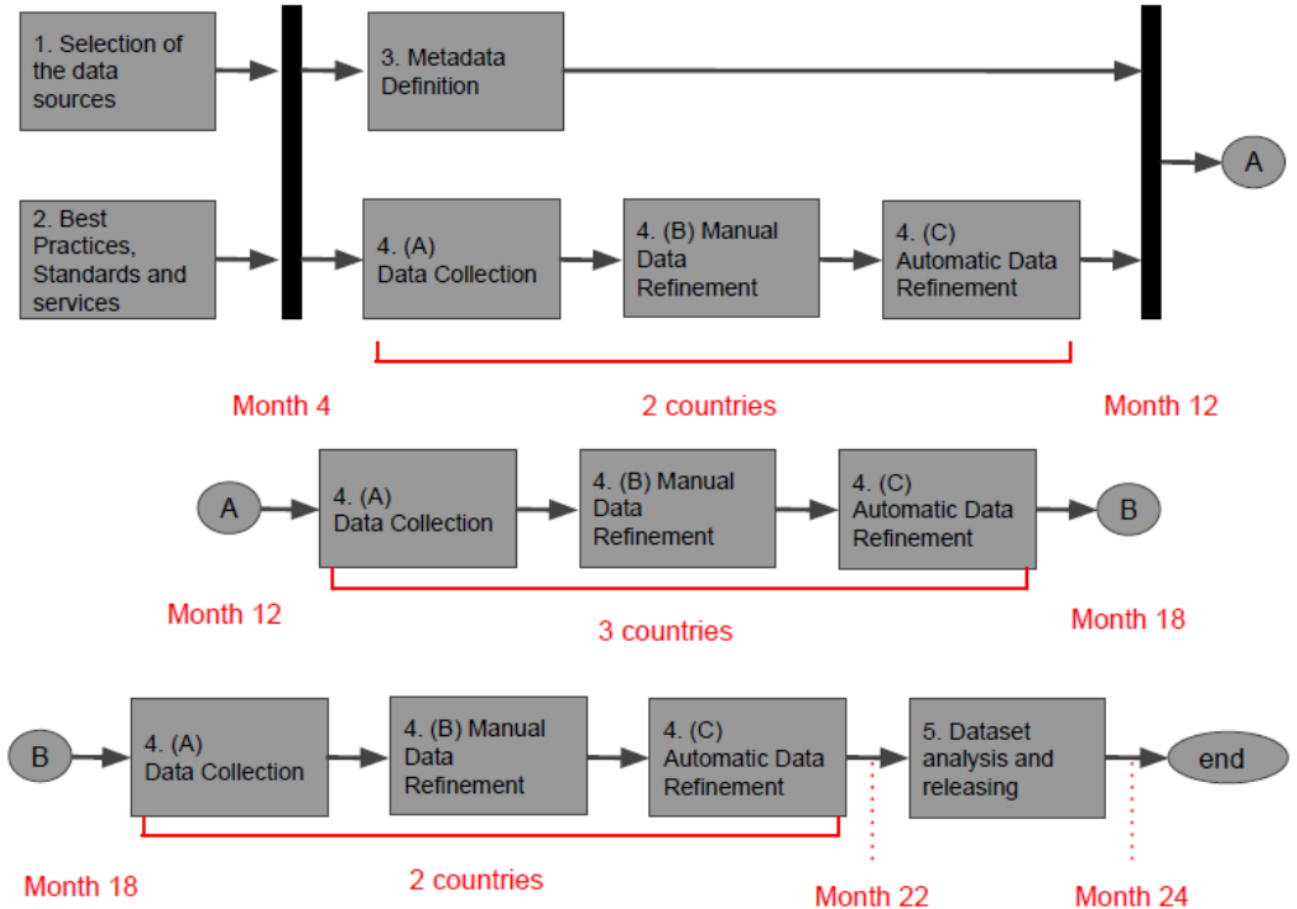
70

APPLIQUER



Re-search Alps

Project phases





Re-search Alps **Consortium**

2 Academic organizations (IT): UniMORE and UNIMI

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)










Re-search Alps

Eusalp National and regional authorities role

Re-Search Alps **needs the support of EUSALP members and 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

The University of Milan is managing the communication
between Re-Search Alps Consortium and EUSALP members

Country	Search	Available data	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 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	• 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 



Re-search Alps

Existing data collections: a review

Business registry **cannot be used for identifying private labs**

A review of the existing data collections performed

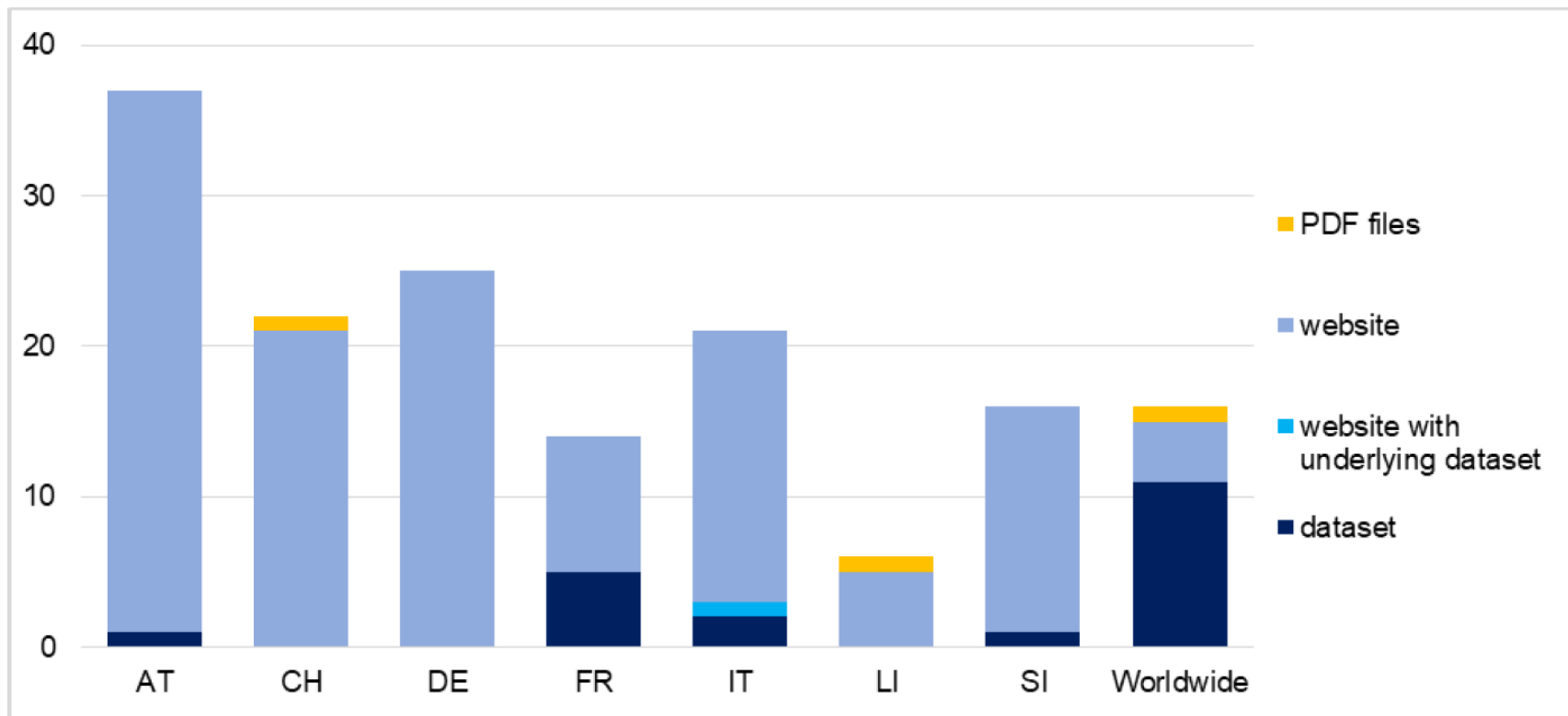
- + Websites
- + Datasets in various format

157 candidate datasets found



Re-search Alps

Existing data collections: a review





Re-search Alps

Existing data collections: a review

Typically not structured (i.e. machine readable)
high quality data.

We need help from the local authorities!



Re-search Alps

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

Re-Search Alps goals meet Eusalp goals

Re-Search Alps can support the achievement of EUSALP objectives with a dataset of Laboratories and Research Centers insisting in the Alpine Region :

- + a query engine for an easy access to the dataset
- + a tool for visualizing geo-referenced data



Re-search Alps

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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francesco.guerra@unimore.it



Re-search Alps

Thanks for your attention!

web: researchalps.eu

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

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