



EUSALP EU STRATEGY FOR THE ALPINE REGION

www.alpine-region.eu

Platform of Knowledge (POK)

Pietro Guinea Montalvo

Platform of Knowledge Technical Staff – EUSALP AG1



80 million people, 7 countries, 48 regions,
mountains and plains addressing together
common challenges and opportunities

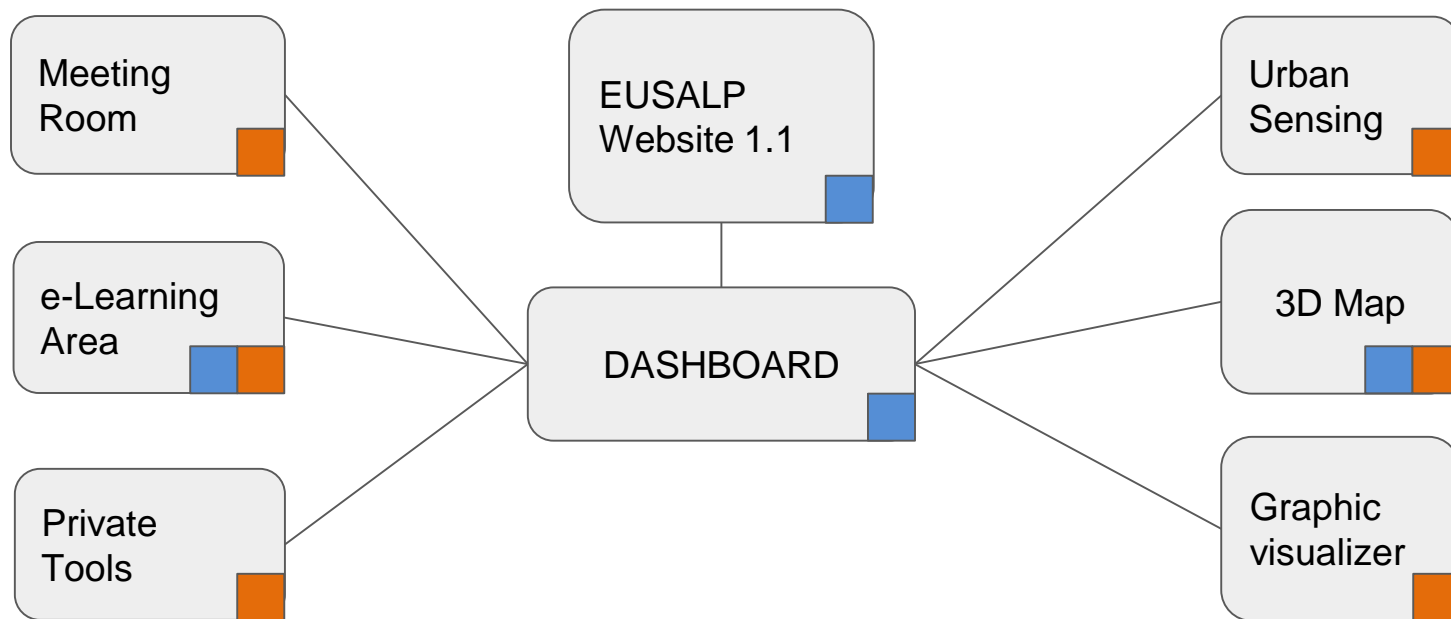


ag1leader.technical.staff@alpine-region.eu

This project is co-financed by the European Union via Interreg Alpine Space

Structure of the Platform of Knowledge today

■ Public ■ POK Users



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EUSALP - EU STRATEGY FOR THE ALPINE REGION

The Alpine area is composed of territories with contrasted demographic, social and economic trends and a great cultural and linguistic diversity. This diversity goes along with a great variety of governance systems and traditions. Both the common specificities of the Alpine area and its variety and diversity call for cooperation. An Alpine

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FEATURES OF THE POK

Complete integration between PoK and Website

The website is the public interface for selected contents produced in the PoK.

Contents are published by Group Editors one time only to be available in both the environments, according to defined rules (several contents are already browsable for the large public - events, news, etc., some other are not).

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HOME PAGE STRUCTURE

In the homepage topics and sections are previewed in order to show the general content of the website.

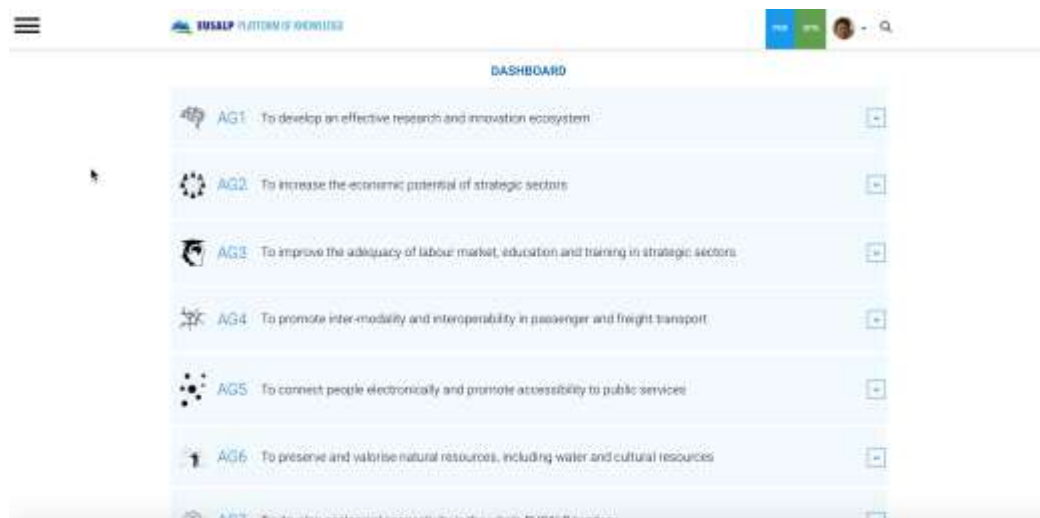
The communication team contributes to collect all the information, showing the most important news in the slideshow.

The editors from all Action Groups publish all the events, news related to their activities.

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POK - DASHBOARD



In the POK dashboard the user can see the progression of different activities for each Action Group, working on the accordion.

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DASHBOARD



AG 1 To develop an effective research and innovation ecosystem



Latest News

MORE-Alps to make students aware about EUSALP



SUN 11TH JUN 2017

The AG1 staff dedicated to the monitoring of strategic funding in the R&I area, will soon...

[READ MORE](#)

Next Event

Re-Search Alps Kick-off meeting



Re-search Alps

MODENA, UNIVERSITY OF MODENA AND REGGIO EMILIA
MON 11TH SEP 2017

RE-SEARCH ALPS is a project that aims to identify and map Laboratories and Research Centers in th

[READ MORE](#)

Results

Available the 1st EU Funding Programs report



MILAN | TUE 6TH JUN 2017

The report includes information related to the Funding Programs for R&I at EU level. All

[READ MORE](#)

Projects

RE-SEARCH ALPS

JUNE 2017 TO JUNE 2019

Call for proposal: CEF TELECOM CALLS FOR PROPOSALS 2016 - CEF-TC-2016-2

3%

[READ MORE](#)

AlpGov

JUNE 2016 TO JUNE 2019

The AlpGovs' main objective is to support effective and efficient EUSALP implementation in a...

36%

[READ MORE](#)

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Interreg
Alpine Space
AlpGov



POK - DASHBOARD



DASHBOARD



AG1 To develop an effective research and innovation ecosystem



AG2 To increase the economic potential of strategic sectors



Latest News

EUSALP brochure AG 2
"Added value..."



30TH JUN 2017

[READ MORE](#)

Next Event

BOOSTAlps - Workshop &
Brokerage...



UNICREDIT, VIA FRATELLI CASTIGLIONI
12, MILAN, ITALY
16TH DEC 2018

BOOSTAlps - Workshop & Brokerage
Event

[READ MORE](#)

Results

There are no content yet in this section.

Projects

Triple Wood (triple wood -
sustainable...

MARCH 2018 TO FEBRUARY 2020

Project content 37%

[READ MORE](#)

TransAlp (Bringing circular
economy to...

JANUARY 2018 TO MARCH 2019

Project content 75%

[READ MORE](#)

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START-UPS AND TECHNOLOGY TRANSFER IN INNOVATION ECOSYSTEMS IN SOUTH-EAST EUROPE AND ALPINE REGION (EUSALP AG1)



Meeting topic:

- To provide policy makers and innovation practitioners with knowledge and training/practical insights in setting up successful start-up, spin-off and knowledge transfer platforms with support programmes that can strengthen regional/national innovation ecosystems.
- To review various models of acceleration, building a pipeline of projects, attracting industrial partners, providing business support services, involving governmental entities, which are the key elements in the development of successful innovation ecosystems.
- To assist in the creation and evaluation of IP based knowledge as a foundation of a technology transfer activity, in Public Research Organizations and Small and Medium Enterprises alike.

The workshop will target in particular policy makers and other innovation stakeholders such as universities, research organisations, technology transfer offices, science and technology parks, chambers of commerce, business angels, venture capitalist and other relevant practitioners from South-East Europe and European Alpine macro-region.

News



Start-ups and Technology Transfer in Innovation Ecosystems in South-East Europe and Alpine Region (EUSALP AG1)

Technology Park Ljubljana Ltd

15TH NOV 2018

Action Group 1

The European Commission's Joint Research Centre (DG JRC) in collaboration with Technology Park Ljubljana, Ministry of Education, Science and Sport – AG1 EUSALP, Ministry of Foreign Affairs, SI TTD consortia and Slovenian Public research institutes, is organising on 15th



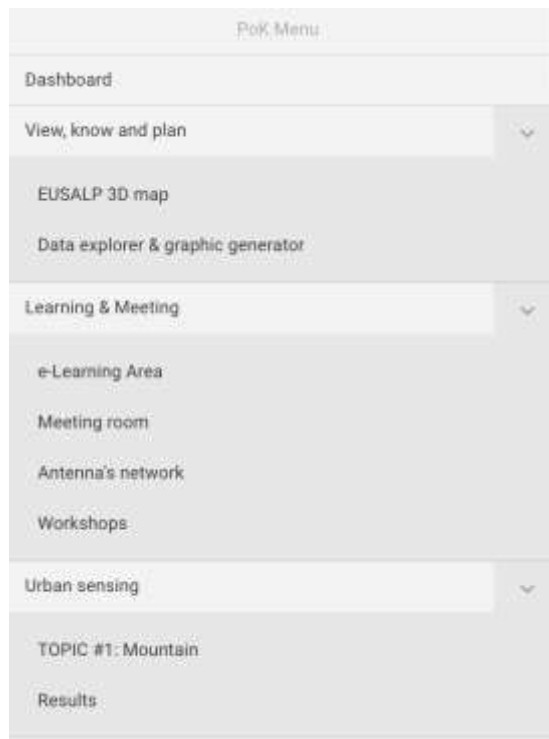
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Interreg
Alpine Space
AlpGov



POK - TOOLS



Each POK section contains different tools, managed by topic

View, know and plan

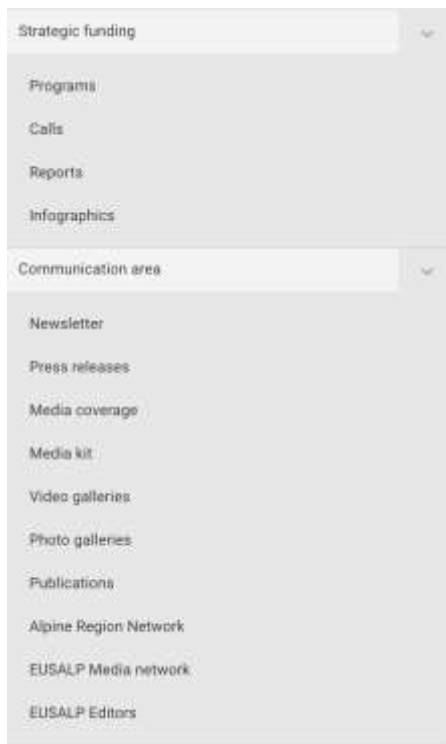
Learning & meetings

Urban Sensing

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POK - TOOLS



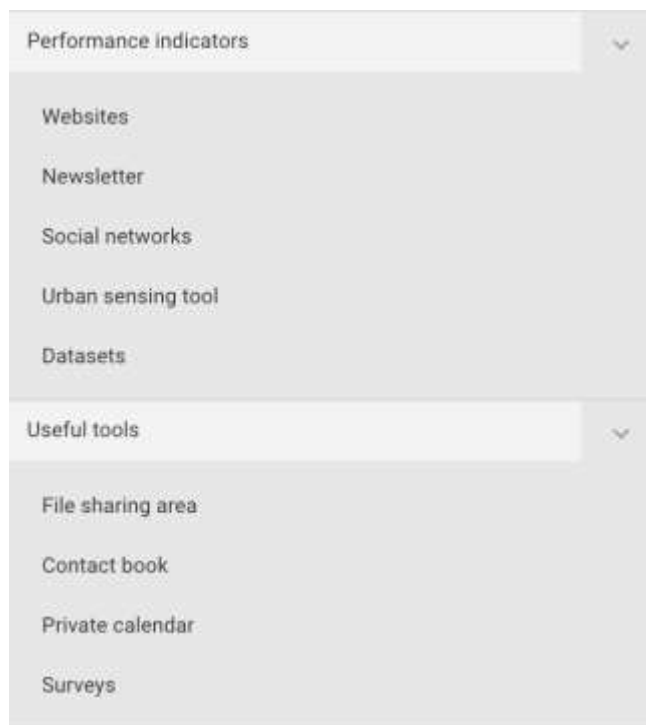
Strategic funding

Communication Area

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POK - TOOLS



Performance Indicators

Useful tools

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Visualisation tools available in the PoK

- EUSALP 3D Map
- 2D Tool: Data Explorer and Graphic Generator
- Urban Sensing Reports

Each instrument has its own entry point and different authorization levels.

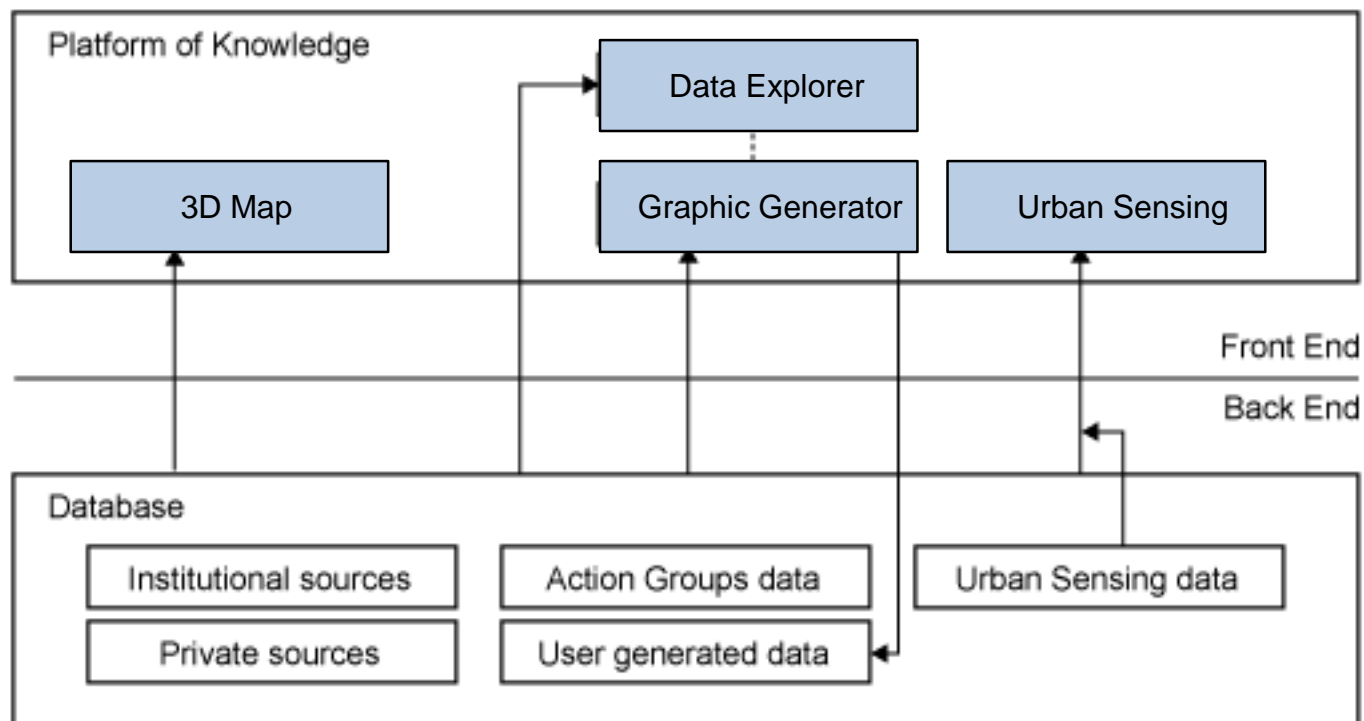
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Where is the data hosted and how is it formatted?

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Which datasets have been uploaded and are available on the database?

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General Sources

- Eurostat [12]
- S3 - Smart Specialization Platform [61]
- OECD – Organization for Economic Co-operation and Development [2]
- ESPON - European Spatial Planning Observation Network [1]
- ETER - European Tertiary Education Register [2]
- Mapping Scientific Excellence [1]
- ORCID - Open Researcher and Contributor ID [1]
- KEEP [2]
- Official Ministries Platforms

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Which Topics have been covered

- Demographic and Social data
- Academic data (Students, Staff, Publications, etc)
- Research and Innovation data (Ratings, Patents, Use of Funds, etc)
- Geolocation and Entity description
- Telecommunication and Infrastructure (Health, Transport, Technology, etc)
- R&D Economic data
- European Projects and Partners
- Action Groups topics

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Some numbers at go-live

91+ datasets

- Info on Researchers *[16907+ records]*
- Patents, Papers and Journals *[217683+ records]*
- High Tech and Innovation penetration and employment *[4952+ records]*
- Social and Living Indicators *[6270+ records]*
- Telecommunication and Infrastructure use *[8360+ records]*
- European Projects *[6720+ records]*
- Universities *[95% of the available data from institutional sources]*

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3D Mapping Tool

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How the 3D Tool can be used

- it visualizes data that is available for everyone on the platform
- it empowers the user to create correlations of datapoints through critical thinking
- it allows the user to explore the datasets and the entities available on the database

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Universities, Research Centers, Laboratories

SMEs

Papers and Publications

Search

Filters

Settings



3D Projection



Points view



COUNT ENTITY TYPE

• 1

University

Research Center

Laboratory

Geography

Country: Italy

NUTS Level 1: Nord-Ovest

NUTS Level 2: Lombardia

NUTS Level 3: Milano

Coordinates: 9.2080214, 45.4147735

Associated Datasets**Best Journal Rate**

This dataset shows the ratio of papers that an institution publishes in the most influential scholarly journals of the world (called the best journal rate). The most influential journals are those which ranked in the first quartile (25%) of their subject categories (journal sets) as ordered by the SCImago Journal Rank SJR indicator. Describes the ability of an institution to publish its research results in reputable journals.

| NAME | SUBJECT AREA | COVARIATE | PERCENTAGE | RANKING |
|-------------------------------|--------------|---------------------------------------|------------|---------|
| Istituto Europeo di Oncologia | Medicine | None | 72.4 | 0 |
| Istituto Europeo di Oncologia | Medicine | Corruption Perception Index (country) | 84.1 | -263 |
| Istituto Europeo di Oncologia | Medicine | Number of Residents (country) | 71.1 | 43 |
| International | | | | |

Best Paper Rate

This dataset shows the proportion of publications from an institution which belongs to the 10% most cited publications in their subject area and publication year. The best paper rate corresponds with the PP(top 10%) used in the Leiden Ranking and the Excellence Rate used in the SCImago Institutions Ranking. It shows the information about the long-term success of an institution's publications.

| NAME | SUBJECT AREA | COVARIATE | PERCENTAGE | RANKING |
|-------------------------------|--------------|---------------------------------------|------------|---------|
| Istituto Europeo di Oncologia | Medicine | None | 31.2 | 0 |
| Istituto Europeo di Oncologia | Medicine | Corruption Perception Index (country) | 44.1 | -62 |
| Istituto Europeo di Oncologia | Medicine | Number of Residents (country) | 29.9 | 18 |
| Gross Domestic | | | | |

Total published papers

Shows the total number of published papers by each institute in the publication period 2009-2013 based on Scopus data collected for the SCImago Institutions Ranking.

ADD A DATASET



Published papers

[< BACK TO INTEGRATED DATA](#)
[ADD DATASET](#)

Shows the total number of published papers.

| ID | Name | Entity type | Total published papers |
|----------------|---|-------------|------------------------|
| MSE_ID_mse_71 | Allgemeines Krankenhaus Wien | Laboratory | 601 |
| MSE_ID_mse_72 | Johannes Kepler Universität Linz | University | 5045 |
| MSE_ID_mse_73 | Medizinische Universität Graz | University | 5053 |
| MSE_ID_mse_74 | Medizinische Universität Innsbruck | University | 5474 |
| MSE_ID_mse_75 | Medizinische Universität Wien | University | 12348 |
| MSE_ID_mse_76 | Montanuniversität Leoben | University | 2306 |
| MSE_ID_mse_77 | Osterreichische Akademie der Wissensch... | University | 3757 |
| MSE_ID_mse_78 | Paracelsus Medizinische Privatuniversität | University | 1253 |
| MSE_ID_mse_79 | Technische Universität Graz | University | 7866 |
| MSE_ID_mse_80 | Technische Universität Wien | University | 17441 |
| MSE_ID_mse_81 | Universität Innsbruck | University | 5625 |
| MSE_ID_mse_82 | Universität Wien | University | 15278 |
| MSE_ID_mse_83 | Universität für Bodenkultur Wien | University | 3791 |
| MSE_ID_mse_84 | Veterinärmedizinische Universität Wien | University | 2751 |
| MSE_ID_mse_211 | Centre Hospitalier Universitaire Vaudois | University | 6223 |
| MSE ID mse 212 | Ecole Polytechnique Federale de Lausanne | Universitv | 33749 |

[Previous Page](#)

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50 rows

[Next Page](#)

Unemployment Rate in R&I

Innovation Scores

Innovation Scores 2

Search

Filters

Settings



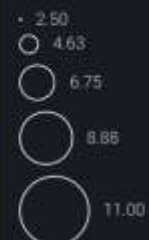
3D Projection



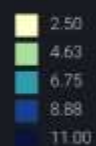
Areas view



INDICATOR



INDICATOR





ADD A DATASET



Integrated Data

[< BACK TO COLLECTIONS](#)

Published papers

| DIMENSIONS | METRICS | RECORDS | UPDATED AT |
|------------|---------|---------|------------|
| 0 | 2 | 624 | 2018-01-09 |

SMEs

| DIMENSIONS | METRICS | RECORDS | UPDATED AT |
|------------|---------|---------|------------|
| 0 | 6 | 6.691 | 2018-01-09 |

ScanR

| DIMENSIONS | METRICS | RECORDS | UPDATED AT |
|------------|---------|---------|------------|
| 0 | 5 | 7.406 | 2018-02-26 |

Universities, Labs, Research Centers

| DIMENSIONS | METRICS | RECORDS | UPDATED AT |
|------------|---------|---------|------------|
| 0 | 2 | 1.202 | 2018-01-09 |



Add Layer



Unemployment Rate in R&I

Innovation Scores

Innovation Scores 2

Areas Layers



EUROSTAT
1 - EMPLOYMENT IN HIGH-TECH SECTORS BY...



EUROSTAT
2 - HIGH-TECH PATENT APPLICATIONS TO TH...

3D Projection



FILTER RECORDS



In order to highlight specific findings and explore in detail the visualization, you can filter each Data Layer by metric, date and location

SELECT A DATASET TO FILTER:

1 - Employment in high-tech sectors by NUTS 2 regions

REFERENCE YEAR:

2016

PERCENT



Areas view



Add Layer



Unemployment Rate in R&I

Innovation Scores

Innovation Scores 2

Areas Layers



EUROSTAT

1 - EMPLOYMENT IN HIGH-TECH SECTORS BY...



EUROSTAT

2 - HIGH-TECH PATENT APPLICATIONS TO TH...

3D Projection



Areas view



VISUALIZATION SETTINGS



Assigning specific Data Layers for specific variables, enables you to create a single visualization that mixes multiple data sources.



SIZE

Control the radius/height of the elements based on the selected dataset and specified metric

DATASET:

1 - Employment in high-tech sectors by NUTS 2 r...

METRIC:

Percentage of total employment



COLOR

Control the color of the elements based on the selected dataset and specified metric

DATASET:

2 - High-tech patent applications to the European

METRIC:

High-tech patents per million inhabitants

PERCENT

1.90

3.35

4.8

6.3

7.8

9.3

Alpine Space - End in 2018

All Projects - Start

Project: Continuity of Traditional Enterprises in Mountain Alpine Space areas

budget: 1.922.855 €

funding: 1.540.447,35 €

Search



3D Projection



Network view



LEADER

Yes
No

2D Visualisation Tool

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common challenges and opportunities



How the 2D Tool can be used

- The 2D tool has two entry points:
 1. it explores the datasets available on the PoK
 2. it visualizes the user's dataset
- it can visualize all the data in a single graphical style, enabling the user to create consistent graphs for presentations

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DATA VISUALIZATION TOOL

Data Explorer



Explore all data related to the Alpine Region

Graphic Generator



Upload and visualize your data

SELECT DATASET

< BACK: HOME



Select a dataset collection

ESPON - framework

| DATASETS | RECORDS |
|----------|---------|
| 1 | 255 |

Eurostat

| DATASETS | RECORDS |
|----------|---------|
| 12 | 3.300 |

Integrated Data

| DATASETS | RECORDS |
|----------|---------|
| 2 | 311 |

OECD

| DATASETS | RECORDS |
|----------|---------|
| 2 | 10.149 |

S3 - SMART
SPECIALISATION
PLATFORM

| DATASETS | RECORDS |
|----------|---------|
| 64 | 26.932 |

SELECT DATASET

< BACK: HOME



+ SELECT DATASET

< BACK TO ESPON-
FRAMEWORK

ESPON - Regional typologies NUTS3

Regional types are receiving particular attention by policy makers due to policy developments in relation to EU Cohesion Policy, the Treaty of Lisbon and the description of the European aim of territorial cohesion. This counts in particular for the types of territories mentioned in the Lisbon Treaty §174: urban/metropolitan regions; rural regions; sparsely populated regions; regions in industrial transition; cross-border regions; mountainous regions; islands and coastal regions.

source:

<https://www.espon.eu/tools-maps/regional-typologies>

| Name | NUTS Code | Typology on ... | Typology on ... | Border regio... | Border regio... | Typology on ... | Sparsely po... | Outermost r... | Typology on ... | Typolog... |
|-----------------|-----------|-----------------|-------------------|-----------------|------------------|-----------------|-----------------|-----------------|-----------------|------------|
| AT111 - Mitt... | AT111 | Predominan... | Other regions | Programme ... | internal bord... | Not an islan... | Not a sparse... | Not an outer... | Other regions | Areas n... |
| AT112 - Nor... | AT112 | Predominan... | Other regions | Programme ... | internal bord... | Not an islan... | Not a sparse... | Not an outer... | Other regions | Areas n... |
| AT113 - Süd... | AT113 | Predominan... | Other regions | Programme ... | internal bord... | Not an islan... | Not a sparse... | Not an outer... | Other regions | Areas n... |
| AT121 - Mos... | AT121 | Predominan... | Other regions | No program ... | other regions | Not an islan... | Not a sparse... | Not an outer... | More than 5... | Areas n... |
| AT122 - Nie... | AT122 | Intermediate... | Other regions | No program ... | other regions | Not an islan... | Not a sparse... | Not an outer... | More than 5... | Areas n... |
| AT123 - San... | AT123 | Predominan... | Other regions | No program ... | other regions | Not an islan... | Not a sparse... | Not an outer... | More than 5... | Areas n... |
| AT124 - Wal... | AT124 | Predominan... | Other regions | Programme ... | internal bord... | Not an islan... | Not a sparse... | Not an outer... | Other regions | Areas n... |
| AT125 - We... | AT125 | Predominan... | Other regions | Programme ... | internal bord... | Not an islan... | Not a sparse... | Not an outer... | Other regions | Areas n... |
| AT126 - Wie... | AT126 | Predominan... | Capital city r... | Programme ... | internal bord... | Not an islan... | Not a sparse... | Not an outer... | Other regions | Areas n... |
| AT127 - Wie... | AT127 | Predominan... | Capital city r... | Programme ... | internal bord... | Not an islan... | Not a sparse... | Not an outer... | Other regions | Areas n... |
| AT130 - Wien | AT130 | Predominan... | Capital city r... | Programme ... | internal bord... | Not an islan... | Not a sparse... | Not an outer... | Other regions | Areas n... |
| AT211 - Klag... | AT211 | Intermediate... | Other regions | Programme ... | internal bord... | Not an islan... | Not a sparse... | Not an outer... | More than 5... | Areas n... |
| AT212 - Obe... | AT212 | Predominan... | Other regions | Programme ... | internal bord... | Not an islan... | Not a sparse... | Not an outer... | More than 5... | Areas n... |
| AT213 - Unt... | AT213 | Predominan... | Other regions | Programme ... | internal bord... | Not an islan... | Not a sparse... | Not an outer... | More than 5... | Areas n... |
| AT221 - Graz | AT221 | Intermediate... | Smaller metr... | No program ... | other regions | Not an islan... | Not a sparse... | Not an outer... | More than 5... | Areas n... |
| AT222 - Liez... | AT222 | Predominan... | Other regions | No program ... | other regions | Not an islan... | Not a sparse... | Not an outer... | More than 5... | Areas n... |
| AT223 - Östi... | AT223 | Intermediate... | Other regions | No program ... | other regions | Not an islan... | Not a sparse... | Not an outer... | More than 5... | Areas n... |
| AT224 - Östs | AT224 | Predominan... | Other regions | Programme ... | internal bord... | Not an islan... | Not a sparse... | Not an outer... | Other regions | Areas n... |

Previous Page

Page 1 of 6

50 rows

Next Page

CHOOSE A VISUAL MODEL

< BACK: SELECT DATASET



BAR CHART

Bar graphs should be used to compare different values that are hierarchically equivalent.

Users must at least choose a single Dataset to take advantage of this visual model.



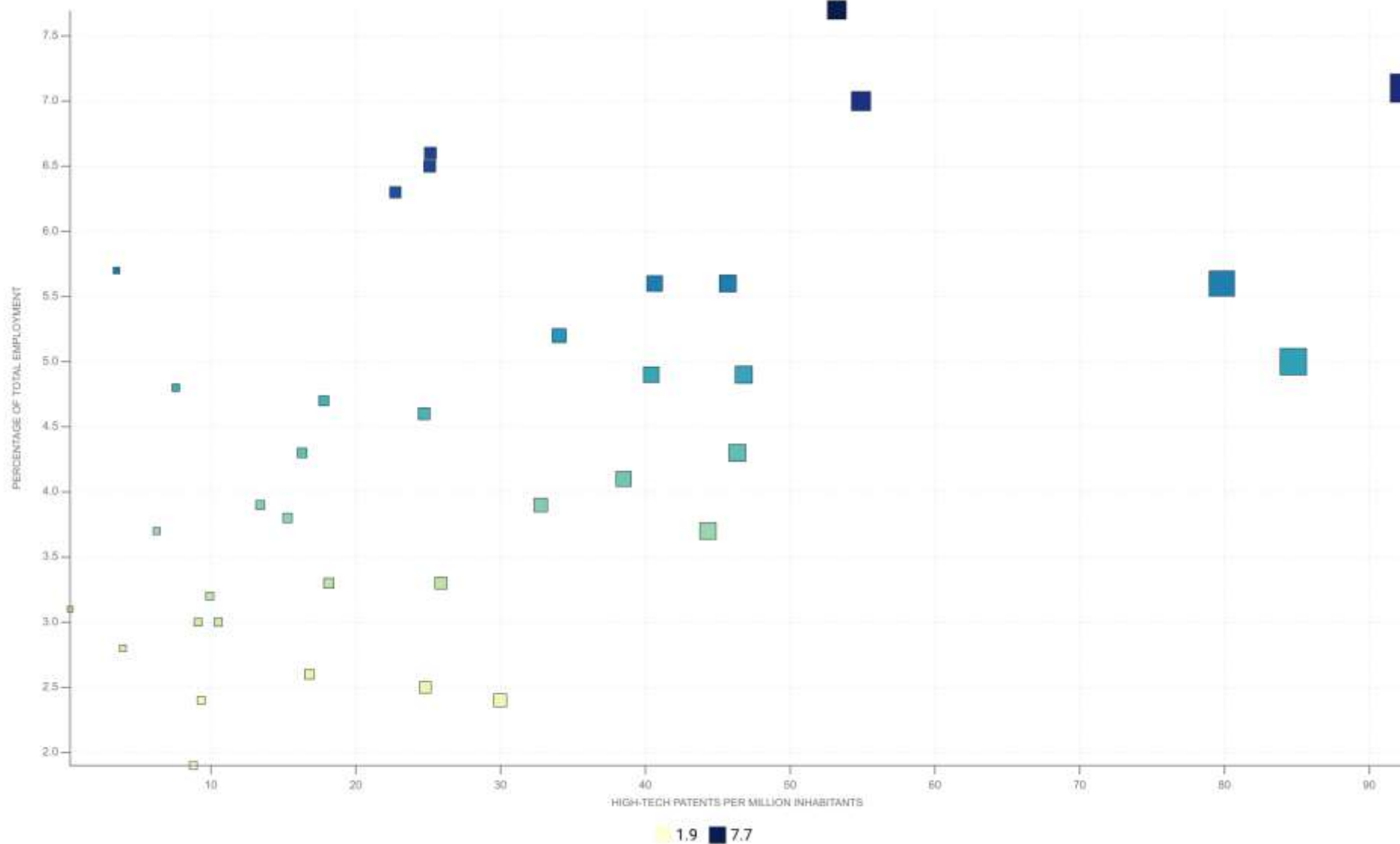
SCATTERPLOT

A graph of plotted points that is able to display a big amount of data. Use it to identify patterns, clusters of elements, and to make outliers values stand out.

Users must at least choose two Dataset to take advantage of this visual model.

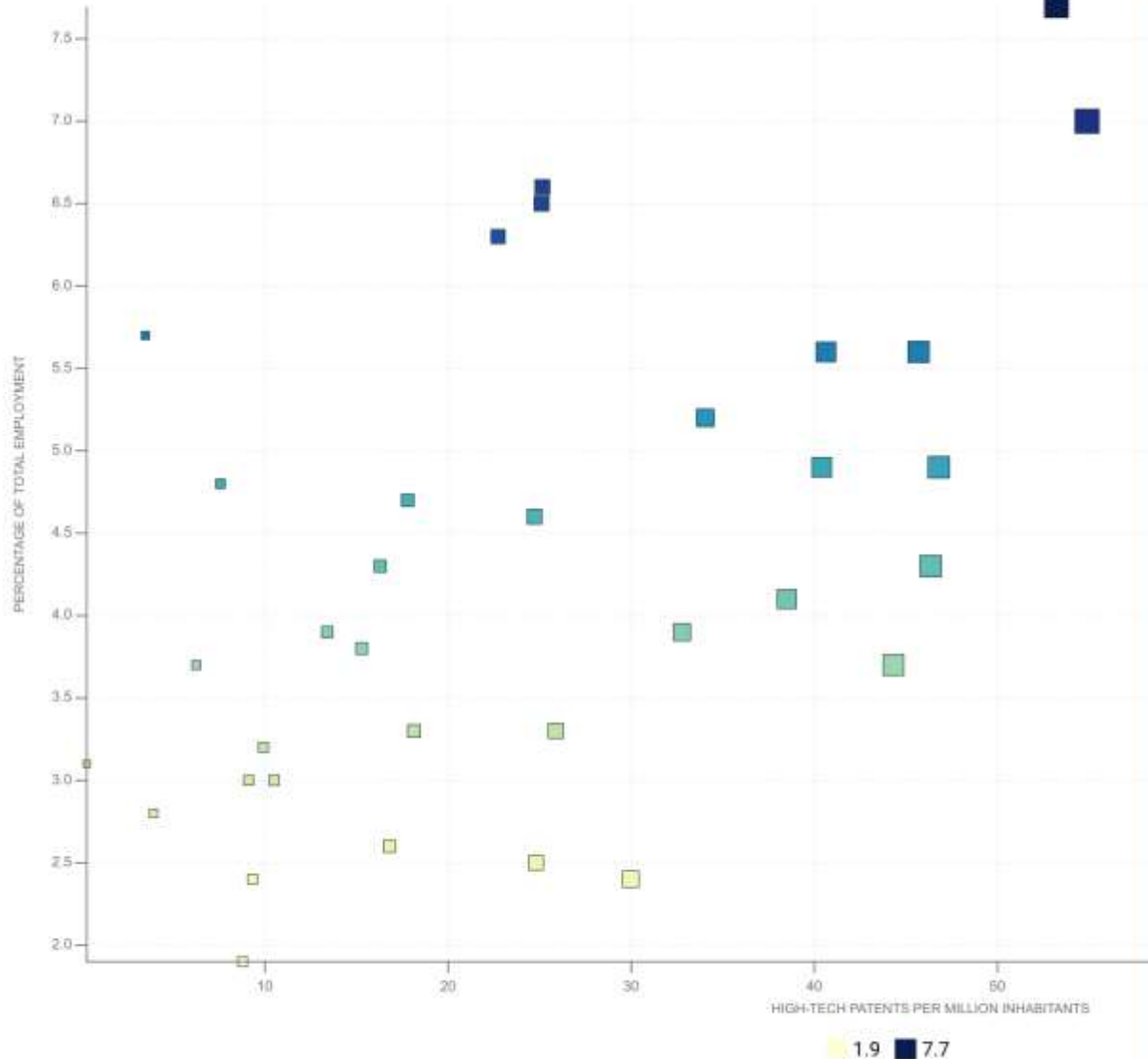
BUILD VISUALIZATION

< BACK: CHOOSE A VISUAL MODEL



BUILD VISUALIZATION

< BACK: CHOOSE A VISUAL MODEL



VISUALIZATION SETTINGS



Assigning specific Data Layers for specific variables, enables you to create a single visualization that mixes multiple data sources.



X

Control the dispersion of the elements on the horizontal axis based on a numeric or string data point.

DATASET:

2 - ESTAT_tgs00041

METRIC:

High-tech patents per million inhabitants



Y

Control the dispersion of the elements on the vertical axis based on a numeric or string data point.

DATASET:

1 - ESTAT_tgs00039

METRIC:

Percentage of total employment



SIZE

Control the radius/height of the elements based on the selected dataset and specified metric

DATASET:

2 - ESTAT_tgs00041

METRIC:

High-tech patents per million inhabitants

Urban Sensing

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How the Urban Sensing can be used

- each month the Urban Sensing framework gathers from Twitter the social discussion about specific topics in a defined space
- each month the output of the analysis can be downloaded from the PoK (the data in .csv format and a graphical output in .pdf format)

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Discover what people say and think about hot topics concerning t

| TITLE | DATE | TIME |
|-------|------|------|
| 1136 | | 1:40 |

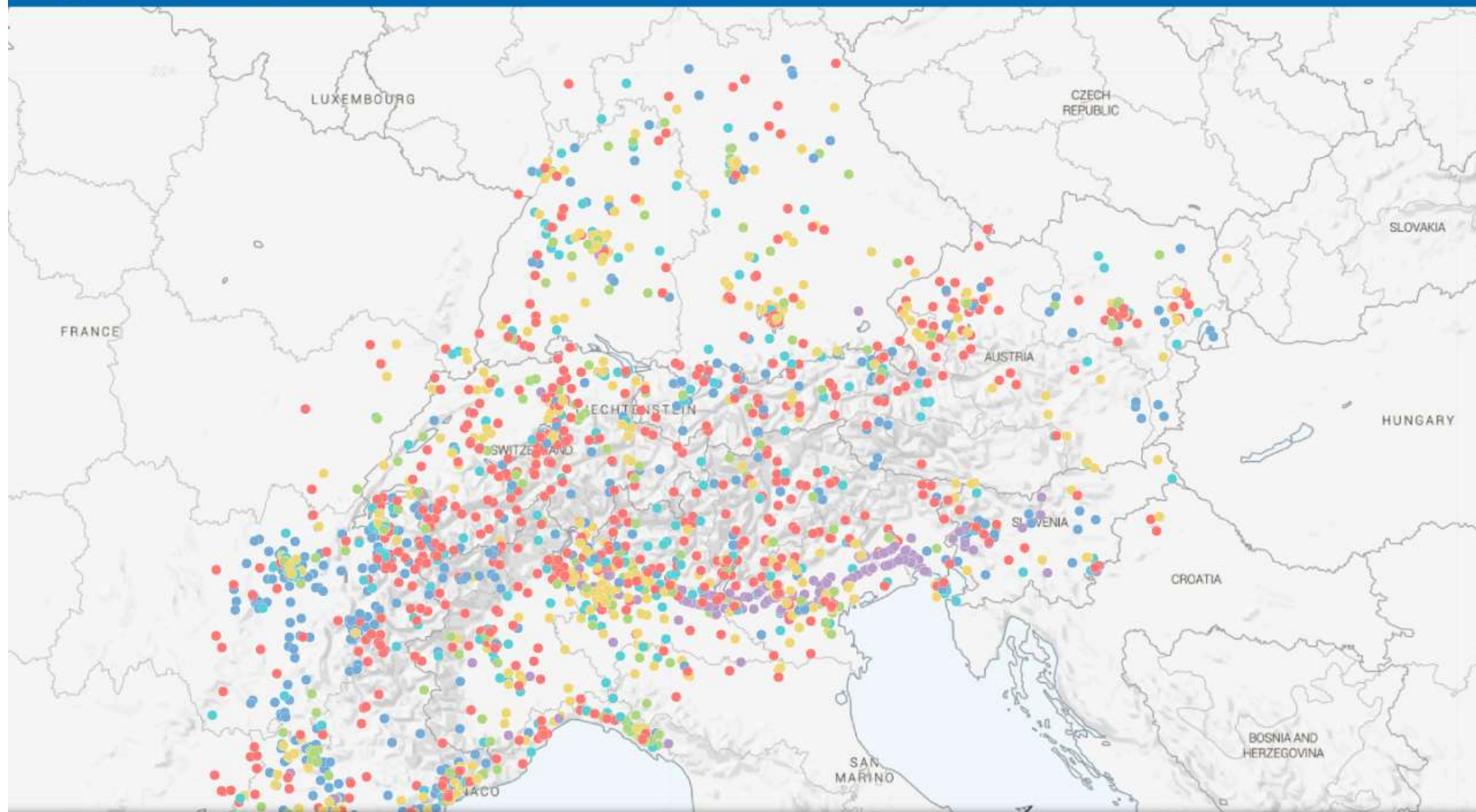
| FILE | DATE |
|--|---------------|
|  US Report - June 2018 | 18T JUN 2018 |
|  US Report - May 2018 | 15T JUN 2018 |
|  US Report - April 2018 | 30TH APR 2018 |
|  US Report - March 2018 | 21ST MAR 2018 |
|  US Report - February 2018 | 28TH FEB 2018 |
|  US Report - January 2018 | 21ST JAN 2018 |
|  US Report - TOPIC #1: Mountain - Annex | 19T JAN 2018 |
|  US Report - December 2017 | 21ST DEC 2017 |

SENSING

but hot topics concerning the Alpine Region

TOPIC

| DATE | TOPIC | RESULT |
|---------------|--------------------|----------------------------|
| 1ST JUL 2018 | TOPIC #1: Mountain | ↓ DOWNLOAD |
| 1ST JUN 2018 | TOPIC #1: Mountain | ↓ DOWNLOAD |
| 30TH APR 2018 | TOPIC #1: Mountain | ↓ DOWNLOAD |
| 31ST MAR 2018 | TOPIC #1: Mountain | ↓ DOWNLOAD |
| 28TH FEB 2018 | TOPIC #1: Mountain | ↓ DOWNLOAD |
| 31ST JAN 2018 | TOPIC #1: Mountain | ↓ DOWNLOAD |
| 1ST JAN 2018 | TOPIC #1: Mountain | ↓ DOWNLOAD |
| 31ST DEC 2017 | TOPIC #1: Mountain | ↓ DOWNLOAD |



ANALYZED TOPICS

EU networks

Mountain activities

Mountain economy

Mountain environment

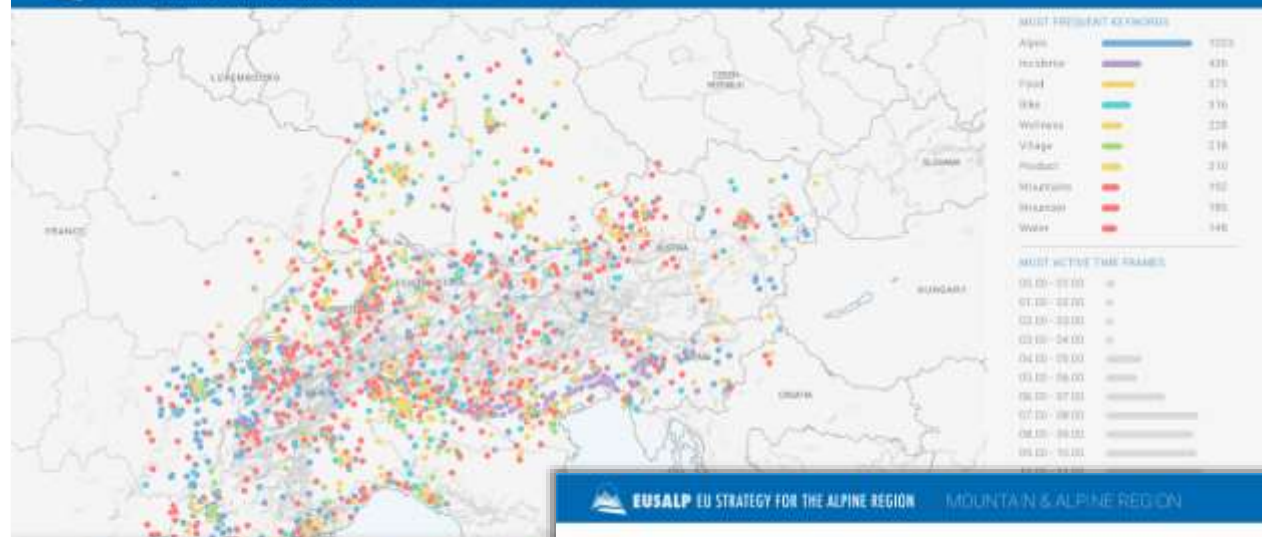
Mountain settlements

Other

common challenges and opportunities



EUSALP



Economic activity

WELLNESS

228

English



Mountain activities

VILLAGE

218

English



Mountain activities

PRODUCT

210

English



Mountain activities

MOUNTAINS

192

English

