



EUSALP EU STRATEGY FOR THE ALPINE REGION

www.alpine-region.eu

November 29th, 2019

Palazzo Lombardia, Milan – Italy (IT)

EUSALP Annual Forum 2019

An overview on RIS3 in the Alpine regions: complementarities and synergies to enhance sustainable development paths

Margherita Russo, University of Modena and Reggio Emilia, member of the **EUSALP Action Group 1**,
Representing **MIUR** – Italian Ministry for Education, University and Research.



**Regione
Lombardia**



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



Interreg
Alpine Space
AlpGov

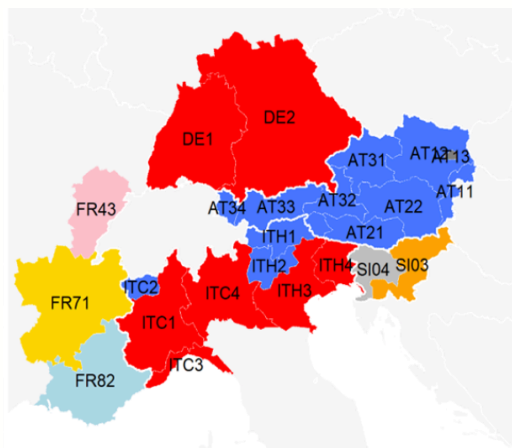


This project is co-financed by the European Union via Interreg Alpine Space



Strategic output 1:

Mapping the governance in the Research and Innovation field. **Focus on RIS3**



Within the AlpGov project, AG1 has undertaken a **comprehensive analysis of the main patterns characterizing R&I policy** in the EUSALP macro-region.

Goal: to enhance complementarities and synergies among the 48 regions, with indications, tools and guidelines

The research team:

- has elaborated models of socio-economic data,
- surveyed the literature and multilingual policy documents
- created an original and comprehensive **on line tool** to analyse and compare Research & innovation Smart Specialisation Strategy (RIS3)

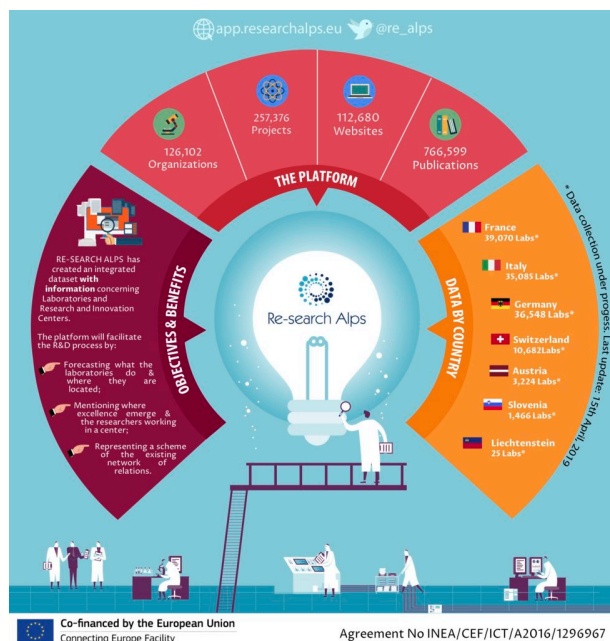


The interactive tool is available in the EUSALP website
at the following link: **<http://bit.do/RImapping>**



Strategic output 2:

Mapping Research Centers and Laboratories in the Alpine macro-region



Within the Re-search Alps project [funded by EU CEF-TELECOM], AG 1 has collaborated to create a freely accessible web platform with **information on the Research and Innovation centers** located in the EUSALP macro-region

Goal: to enhance the knowledge base and support networking processes in the Alpine states

Awards from EU: best practice - Interreg Europe policy platform - for its strategic importance in integrating and making accessible open-data on R&I.



The web platform is available
at the following link: app.researchalps.eu

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EUSALP EU STRATEGY FOR THE ALPINE REGION

www.alpine-region.eu

**ACTION GROUP 1 -To develop an
effective research and innovation
ecosystem**



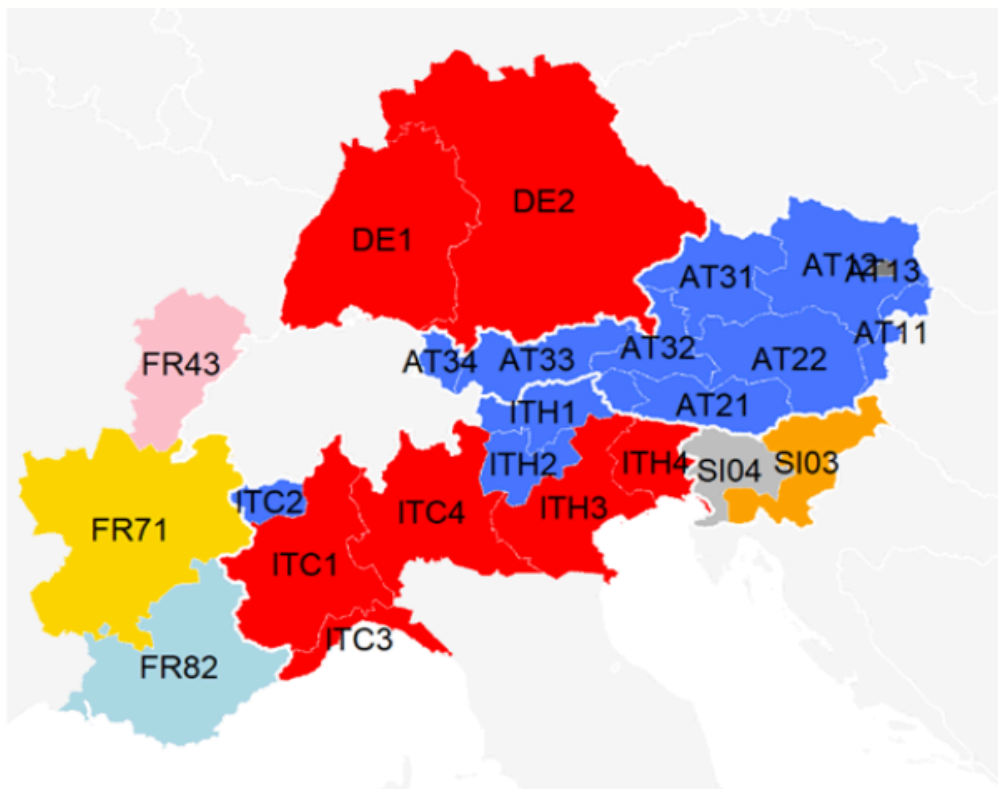
R&I Mapping and Re-search Alps: **tools in action!**

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EUSALP: RIS3 priorities



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EUSALP_RIS3 priorities: descriptions (rows) and codes (columns)

	Health & Life science	Agrofood	New Economy, Leisure industry & ICT	Prod. & Transp. Manufact. & Energy
Health & Life Science		not relevant		
Agrofood, forestry and tobacco			not relevant	not relevant
New Economy, Leisure industry & ICT		not relevant		
Bioeconomy, Blue Economy & Energy	not relevant			
Logistic & Manufacturing	not relevant	not relevant		

EUSAIR

☒ No
☒ Yes

EUSALP

☐ No
☒ Yes

EUSBSR

☒ No
☒ Yes

EUSDR

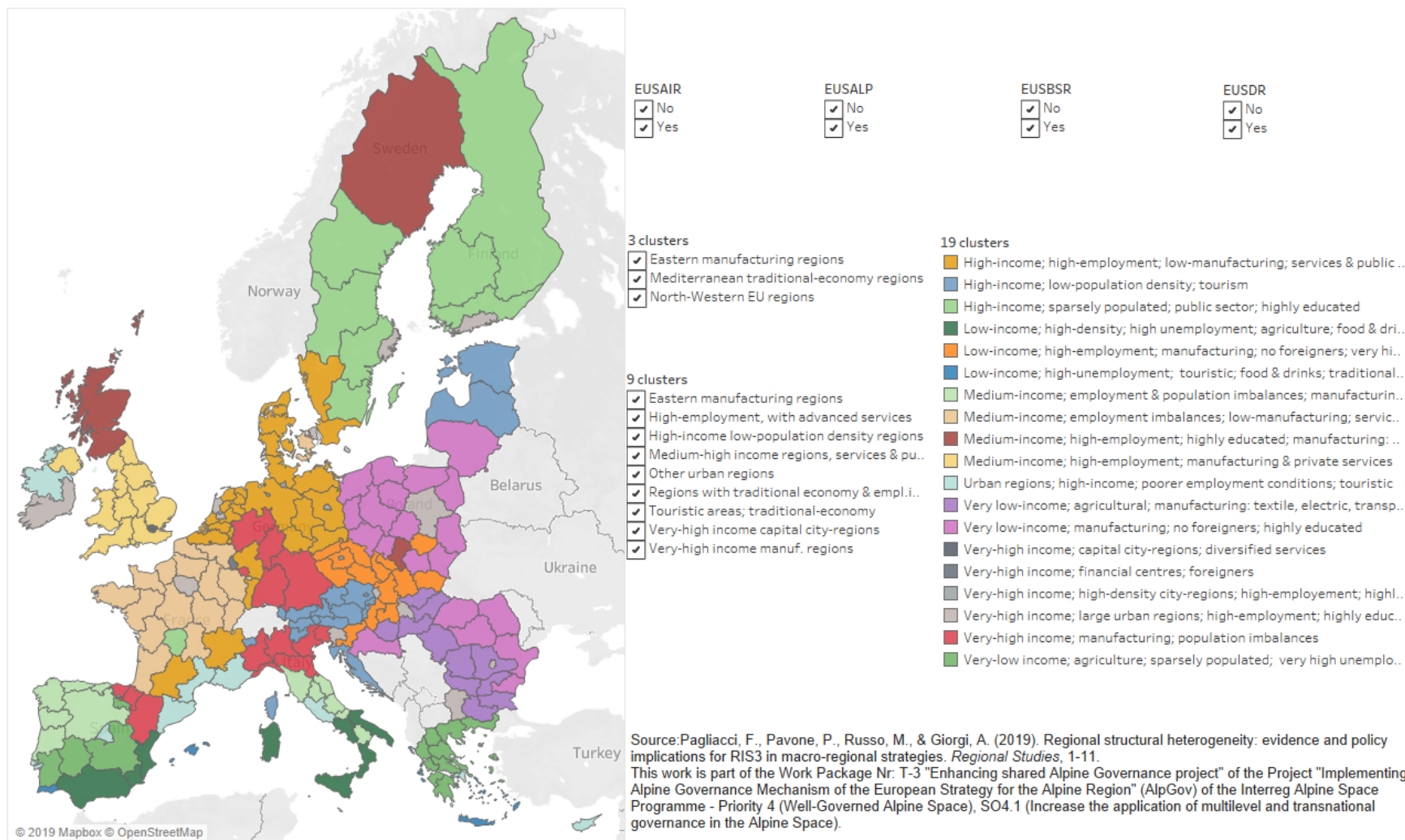
☒ No
☒ Yes

CNTR_CODE

AT
DE
FR
IT
SI

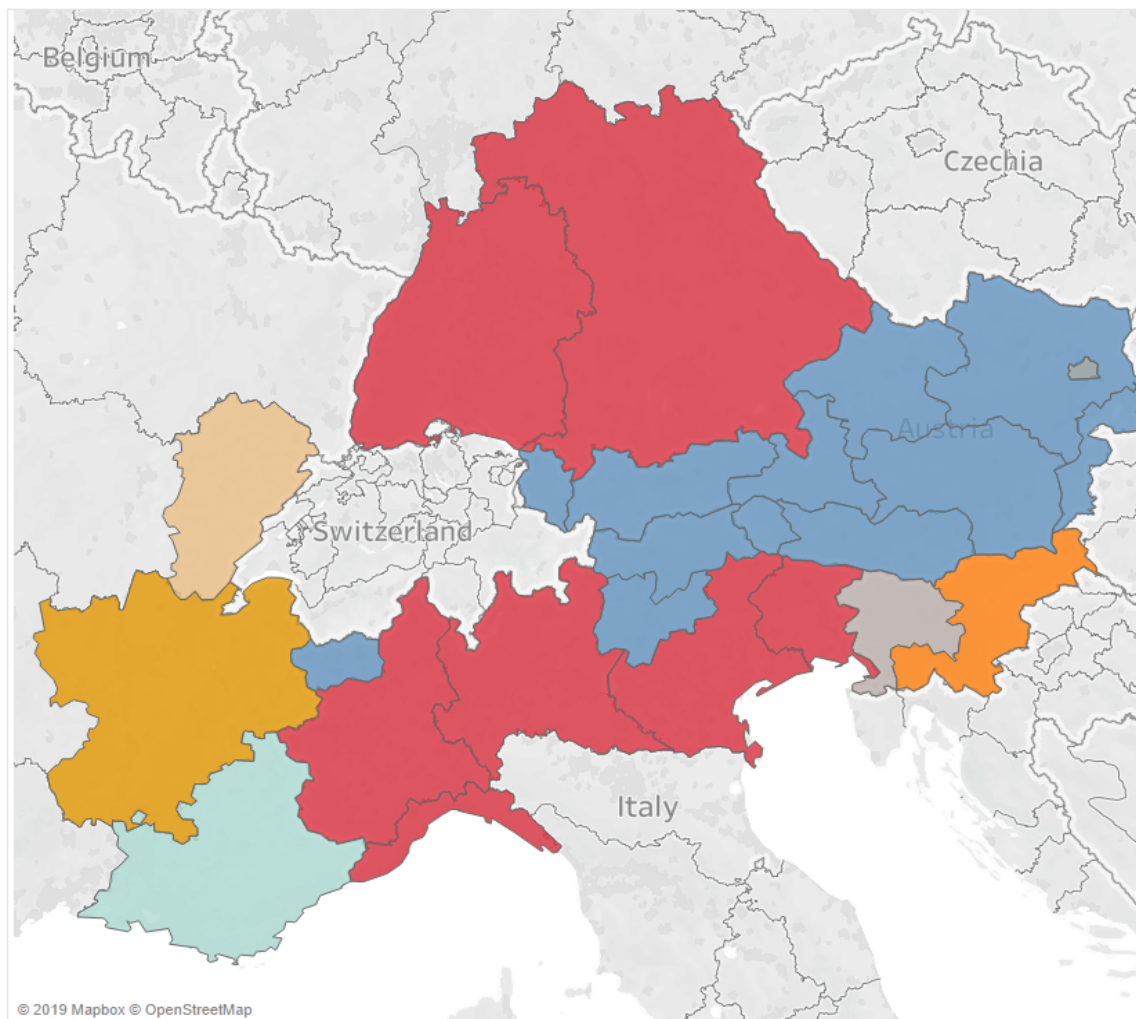
EU-28_socioeconomic classifications of regions

The map returns sub-national structural similarities, referring to **population, labour market, and sectoral composition of the economy**



EU-28_socioeconomic classifications of regions: focus on EUSALP

The map returns sub-national structural similarities, referring to **population, labour market, and sectoral composition of the economy**



EUSALP
☐ No
☒ Yes

19 clusters

- High-income; high-employment; low-manufacturing; services & public ..
- High-income; low-population density; tourism
- Low-income; high-employment; manufacturing; no foreigners; very hi..
- Medium-income; employment imbalances; low-manufacturing; servic..
- Urban regions; high-income; poorer employment conditions; touristic
- Very-high income; high-density city-regions; high-employment; highl..
- Very-high income; large urban regions; high-employment; highly educ..
- Very-high income; manufacturing; population imbalances

3 clusters

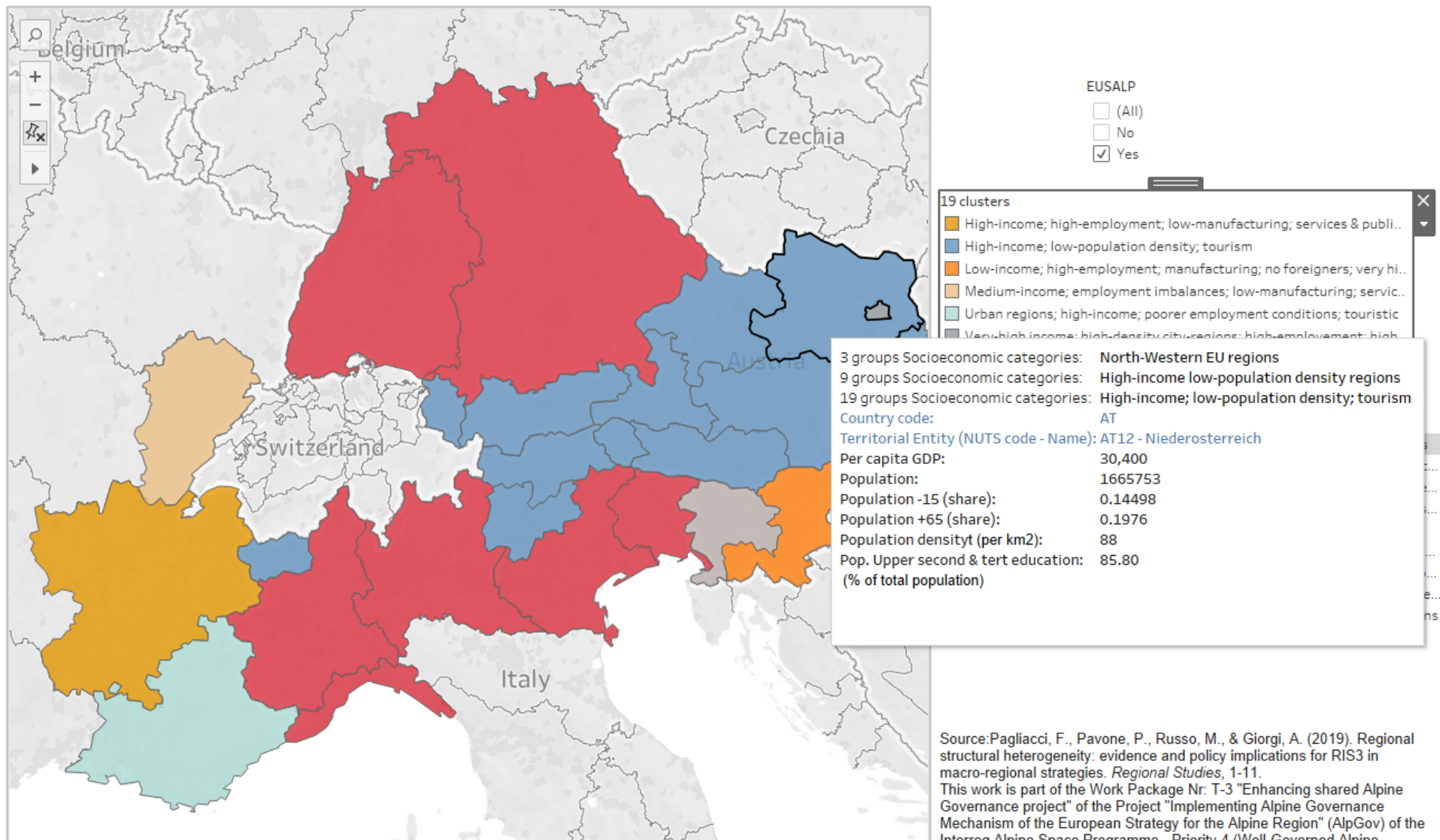
- ☒ Eastern manufacturing regions
- ☒ Mediterranean traditional-eco..
- ☒ North-Western EU regions

9 clusters

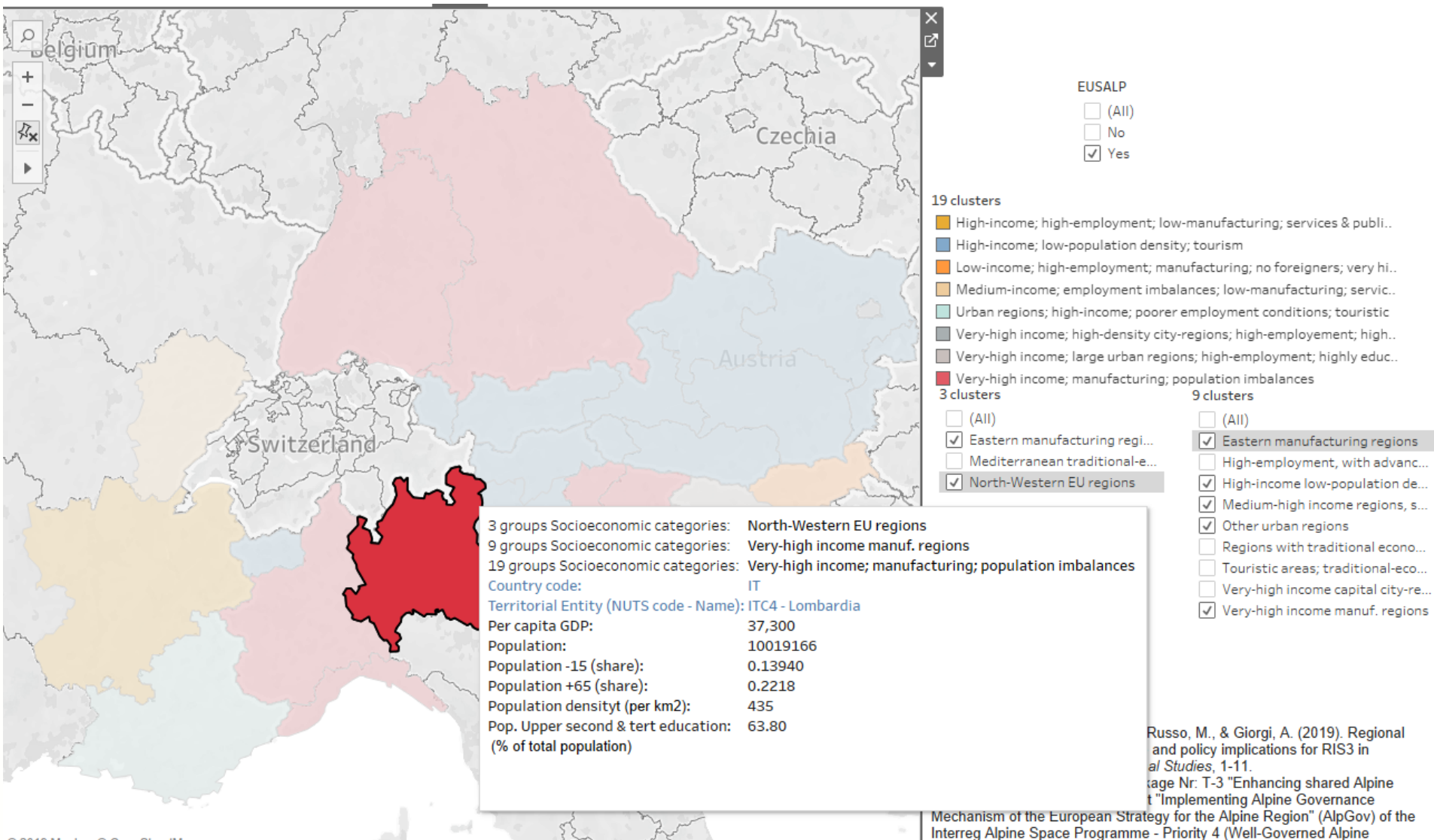
- ☒ Eastern manufacturing regions
- ☒ High-employment, with advanced ..
- ☒ High-income low-population densi..
- ☒ Medium-high income regions, serv..
- ☒ Other urban regions
- ☒ Regions with traditional economy ..
- ☒ Touristic areas; traditional-econo..
- ☒ Very-high income capital city-regi..
- ☒ Very-high income manuf. regions

Source: Pagliacci, F., Pavone, P., Russo, M., & Giorgi, A. (2019). Regional structural heterogeneity: evidence and policy implications for RIS3 in macro-regional strategies. *Regional Studies*, 1-11.
 This work is part of the Work Package Nr. T-3 "Enhancing shared Alpine Governance project" of the Project "Implementing Alpine Governance Mechanism of the European Strategy for the Alpine Region" (AlpGov) of the Interreg Alpine Space Programme - Priority 4 (Well-Governed Alpine Space), SO4.1 (Increase the application of multilevel and transnational gov..

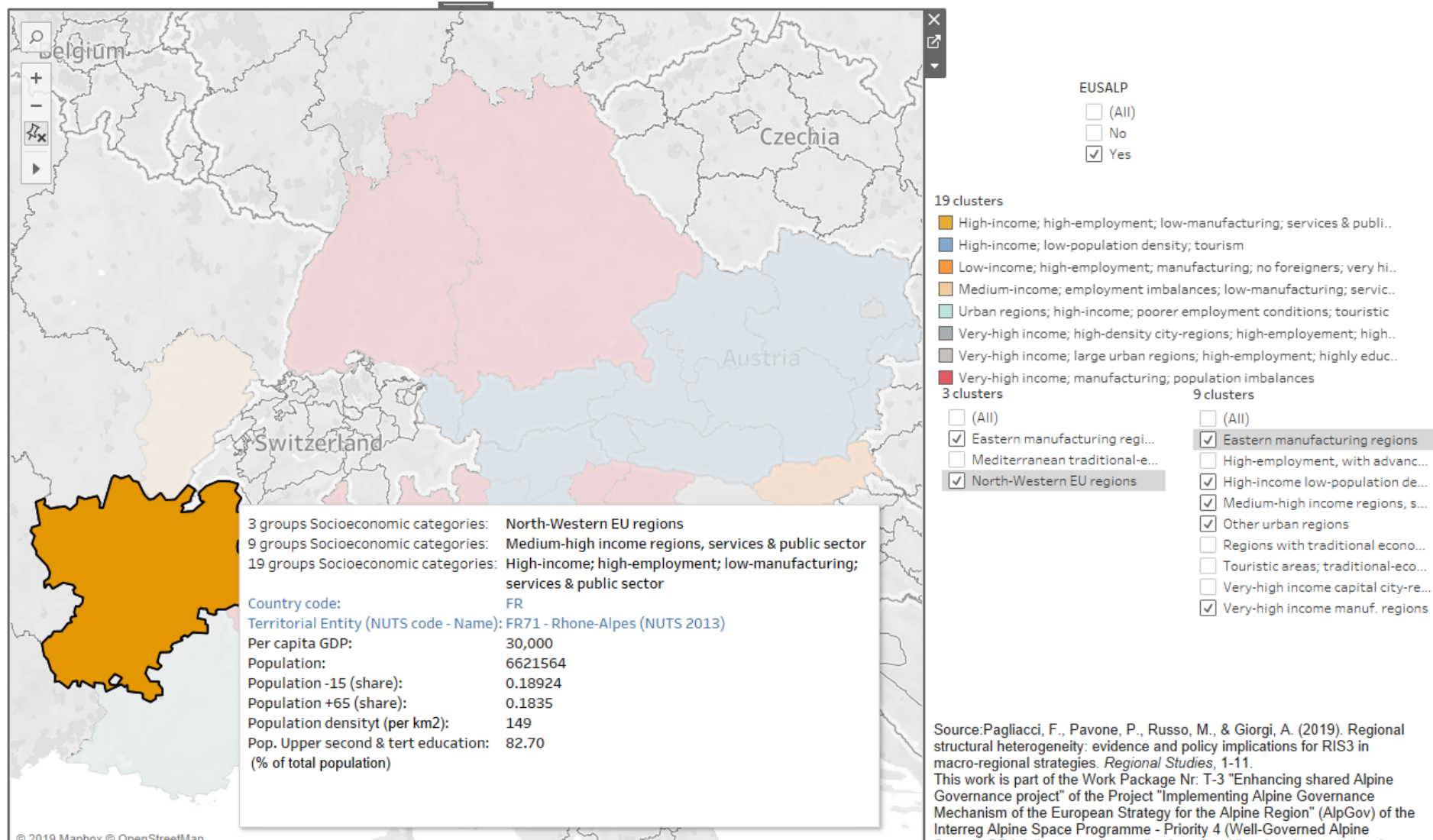
EU-28_socioeconomic classifications of regions: focus on EUSALP



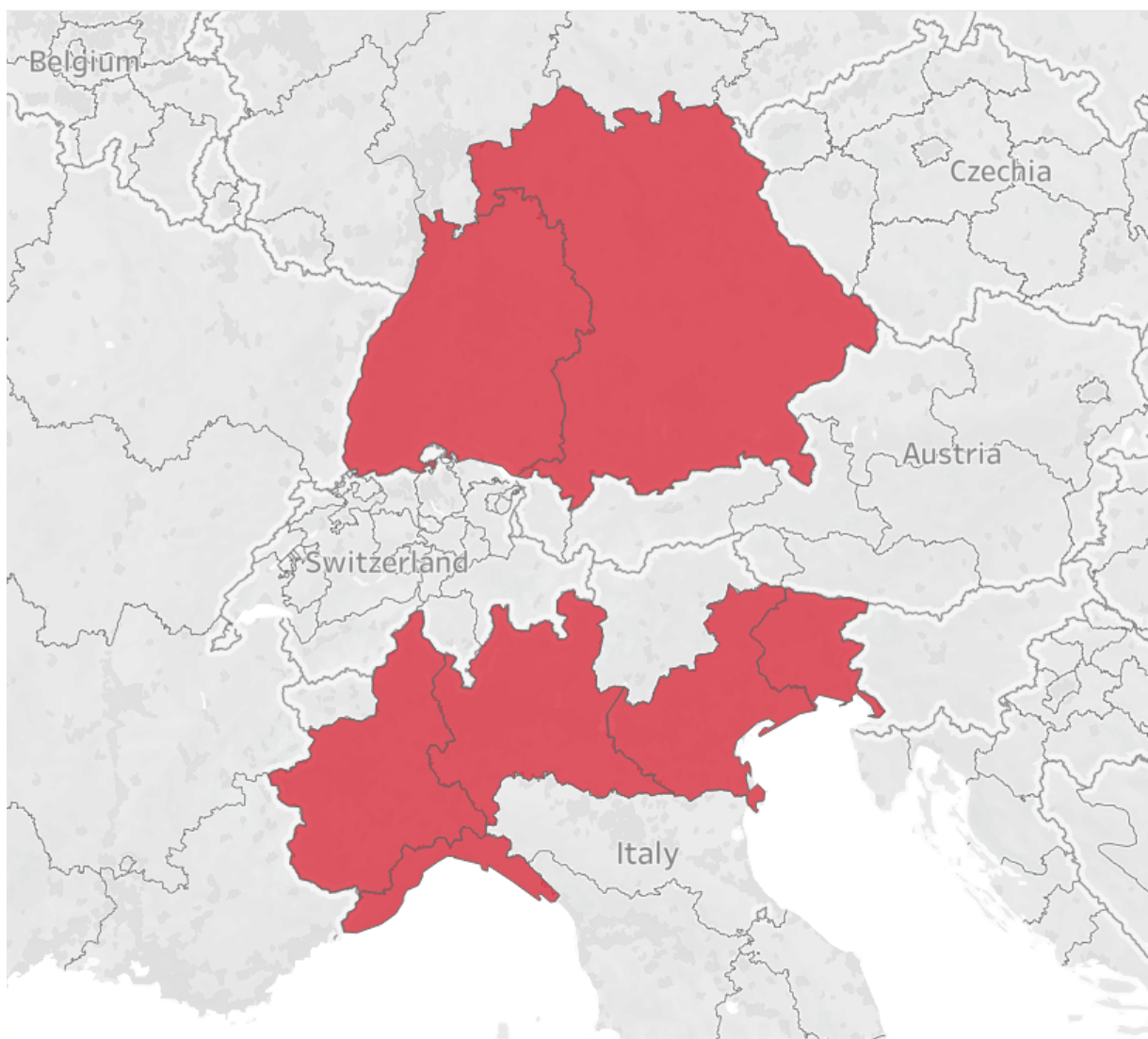
EU-28_socioeconomic classifications of regions: focus on EUSALP



EU-28_socioeconomic classifications of regions: focus on EUSALP



EU-28_socioeconomic classifications of regions: focus on EUSALP



EUSALP

- ☐ (All)
☐ No
☒ Yes

19 clusters

☒ Very-high income; manufacturing; population imbalances

3 clusters

- ☐ (All)
☒ Eastern manufacturing regi...
☐ Mediterranean traditional-e...
☒ North-Western EU regions

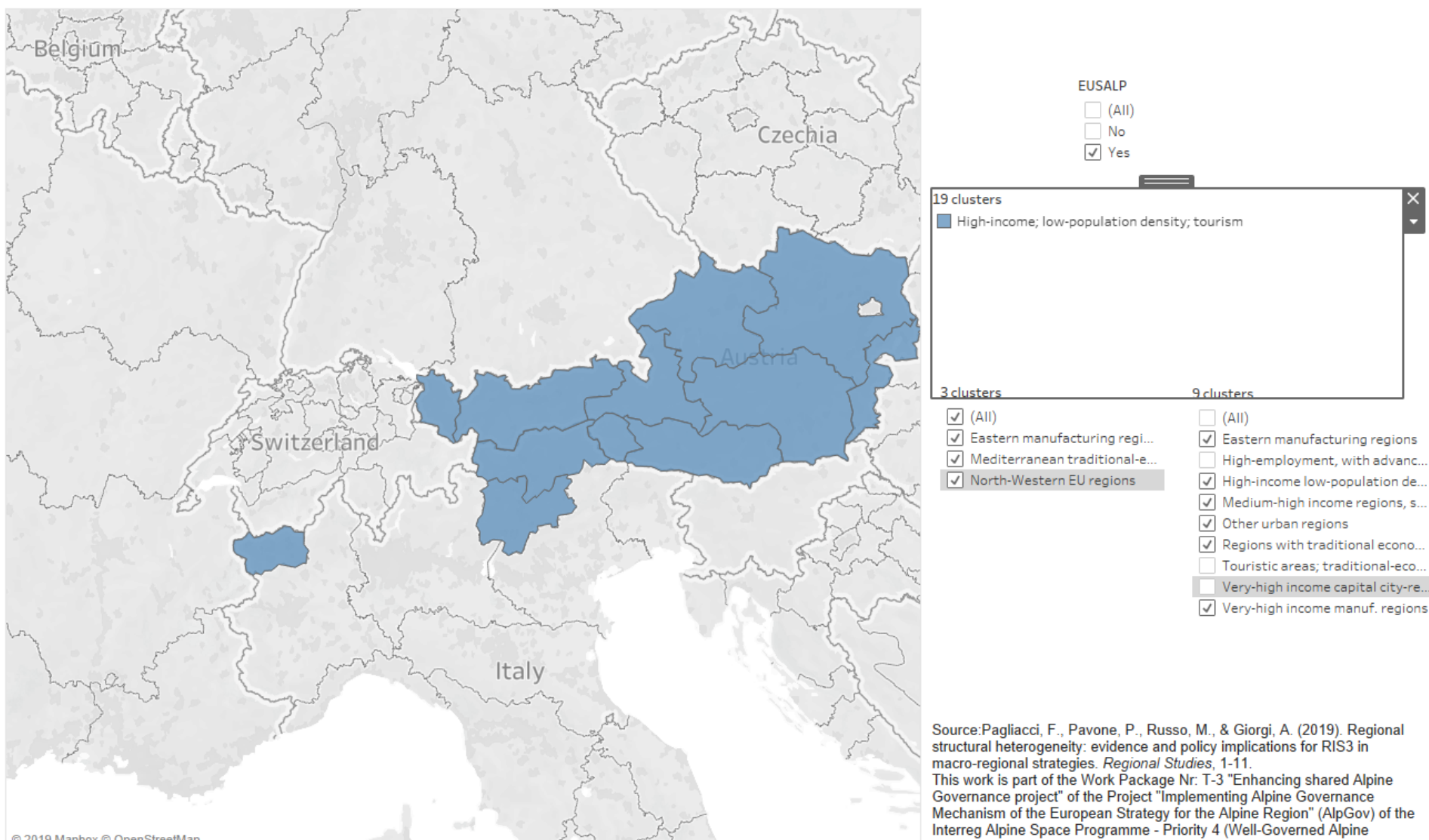
9 clusters

- ☐ (All)
☒ Eastern manufacturing regions
☐ High-employment, with advanc...
☒ High-income low-population de...
☒ Medium-high income regions, s...
☒ Other urban regions
☐ Regions with traditional econo...
☐ Touristic areas; traditional-eco...
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☒ Very-high income manuf. regions

Source: Pagliacci, F., Pavone, P., Russo, M., & Giorgi, A. (2019). Regional structural heterogeneity: evidence and policy implications for RIS3 in macro-regional strategies. *Regional Studies*, 1-11.

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EU-28_socioeconomic classifications of regions: focus on EUSALP





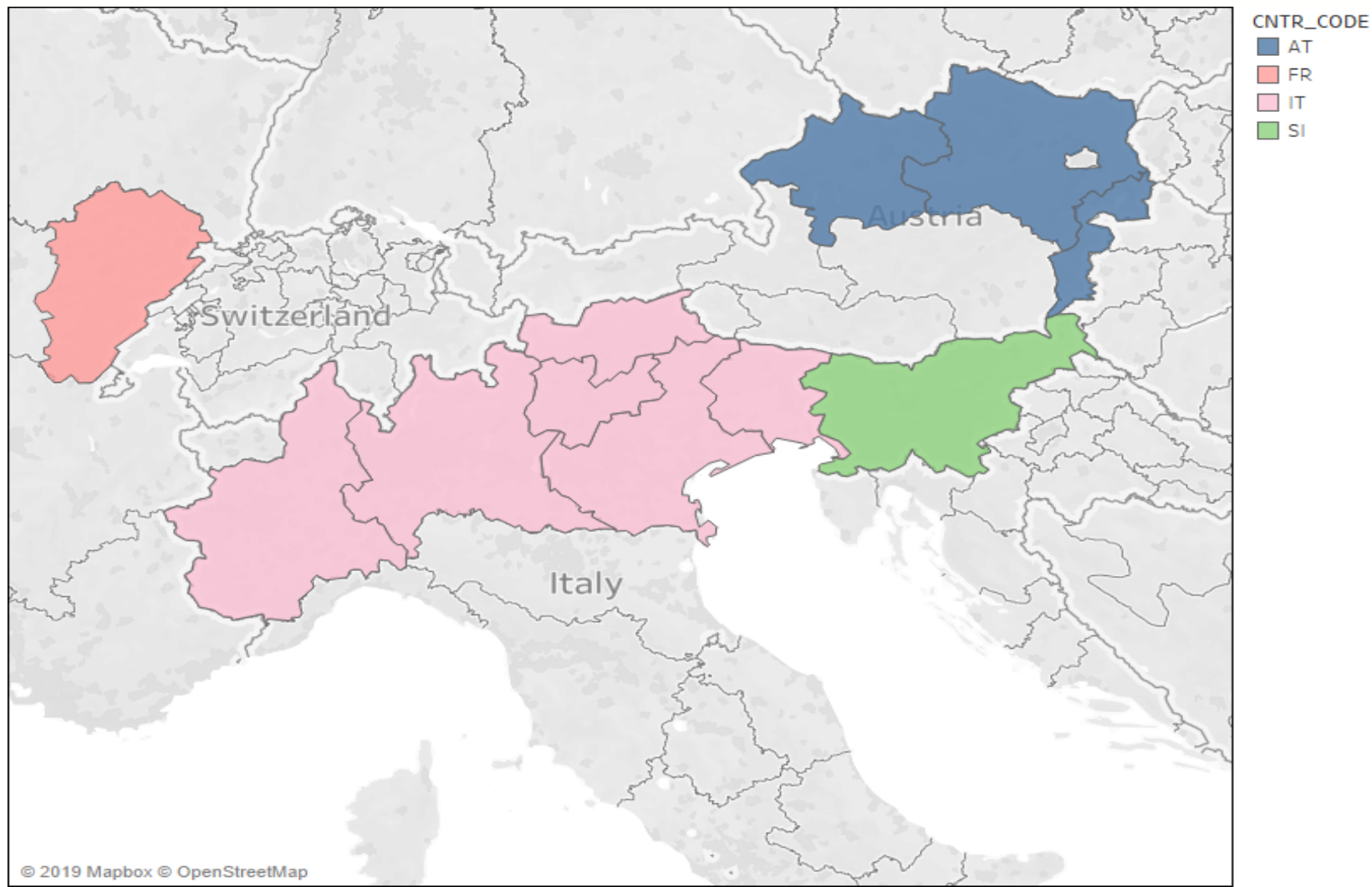
EUSALP: cross-tab RIS3 priorities and socioeconomic classifications

		North-Western EU regions					CNTR_CODE
		High-income low-popul...	Medium-high income regions, services & public s...	Other urban regions	Very-high income manu...		
		High-income; low-popu...	High-income; high-emp...	Medium-income; emplo...	Urban regions; high-inc...	Very-high income; man...	
Health & Life Sci..	Health & Life Sci..			not relevant			
	Agrofood, forestry ..		not relevant		not relevant		
New Economy, Leisure industry & ICT	Creative industry, ..			not relevant			
	ICT & digital trans..				not relevant		
	Social innovation & ..		not relevant	not relevant		not relevant	
Bioeconomy, Blue Economy & Ener..	Bioeconomy & Wa..				not relevant		
	Energy Production, ..			not relevant			
Logistic & Manufacturing	Aeronautics, Aeros..	not relevant	not relevant	not relevant	not relevant		
	Manu..		not relevant		not relevant		
	Transport & Logisti..			not relevant			

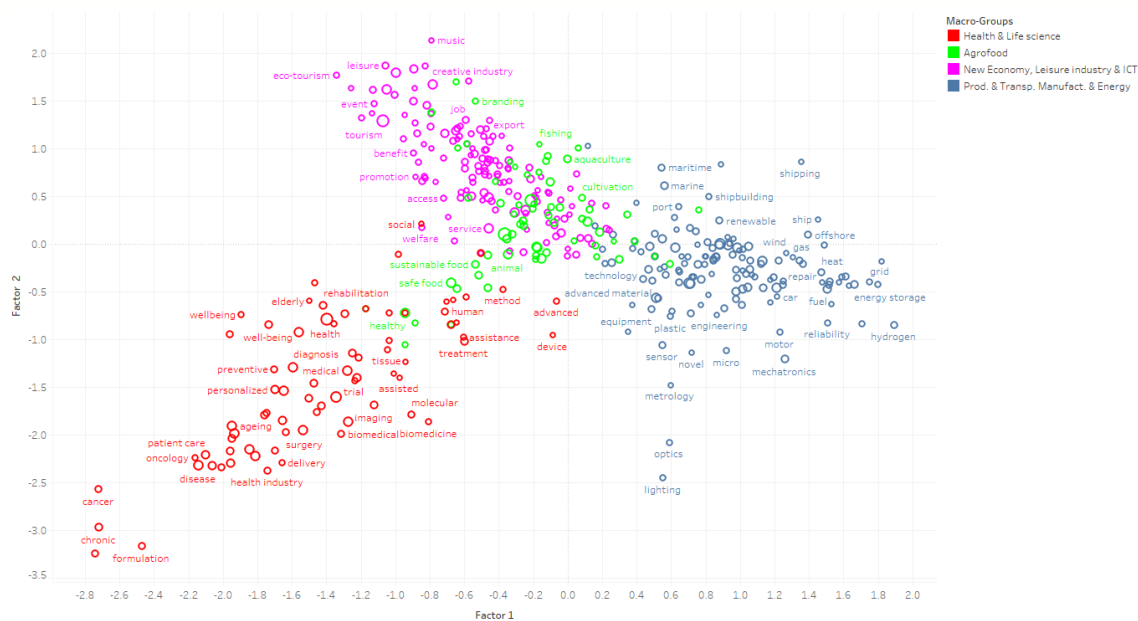
© 2019 Mapbox © OpenStreetMap

NUTS2 region --- EUSALP	RIS3 priority on "Agrifood and Forestry"
AT11-Burgenland (AT)	Sustainable quality of life & life sciences. Health and wellness, medical technology, food and beverages , hospitality services
AT12-Niederösterreich	Food. Food quality and food safety, organic and regional products, resource efficiency
AT31-Oberösterreich	Food and nutrition. Food and nutrition (ingredients and modification of food, materials, smart packaging, food quality, quality assurance, food production technologies)
FR43-Franche-Comté	Sustainable local food products. productivity enhancement, intelligent captors.
ITC1-Piemonte	Business innovation in textile and fashion, food , style and design (Made in Piemonte). Cross-sector innovation areas to develop market niches hand in hand with increasing innovative capacity in complex organizational and market contexts. Target areas: agri-food logistics, traceability, supply-chain, future farming and livestock , wearable technologies and smart textiles for different professions.
ITC4-Lombardia	Agriculture and food production.
ITH1-Provincia Autonoma di Bolzano/Bozen	Providing healthy and safe food (agri-food technologies). Producing healthy and safe food products with minimised environmental impact and with enhanced ecosystem services, and adequate , e-commercezero waste societal value. Strengthening the competitiveness and sustainability of supply-chains. Food quality and security, packaging
ITH2-Provincia Autonoma di Trento	Providing healthy and safe food (agri-food). Producing healthy and safe food products with minimised environmental impact and with enhanced ecosystem services, zero waste and adequate societal value. Strengthening the competitiveness and sustainability of supply-chains, functional foods and nutraceuticals, food security and traceability, technologies and machines for the agri-food industry, vegetable and animal biodiversity.
ITH3-Veneto	Providing healthy and safe food (agri-food). Producing healthy and safe food products with minimised environmental impact and with enhanced ecosystem services, zero waste and adequate societal value. Smart management of natural and energy resources, health, nutrition and food security, sustainable and innovative transformation process, product traceability.
ITH4-Friuli-Venezia Giulia	Providing healthy and safe food (agri-food). Producing healthy and safe food products with minimised environmental impact and with enhanced ecosystem services, zero waste and adequate societal value. Technologies for the agri-food industry, food-design, smart packaging, new and emerging food-waste technologies.
SI-Slovenia	Sustainable Food Production. Research and Innovation activities supporting sustainable production of high-quality food in relation to business model that integrates knowledge institutions with manufacturers and economic entities along the entire value-chains , including the development of new marketing models. The activities will involve establishment of innovative short (Zero km) supply-chains for locally and organically produced foods with guaranteed and recognised traceability from the field to the table; ensure long-term sustainable conditions for the development of the varieties and farming practices adapted to Slovenian territory but also resilient and adaptable to the progressive climate change conditions.

EUSALP: RIS3 priority on "Agrifood and Forestry"_map

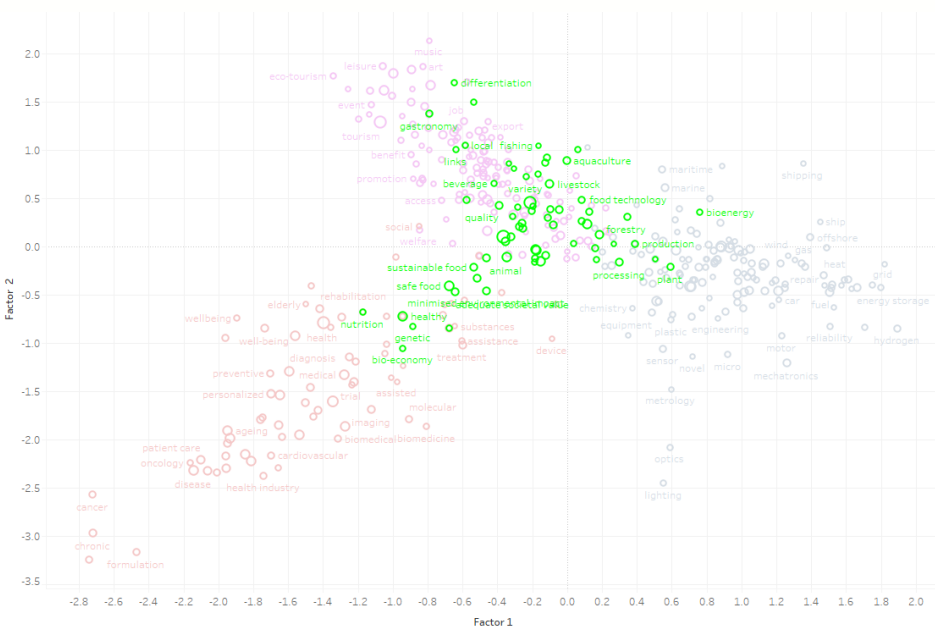


EUSALP: RIS3 priorities_ analytical tools to create a common vocabulary



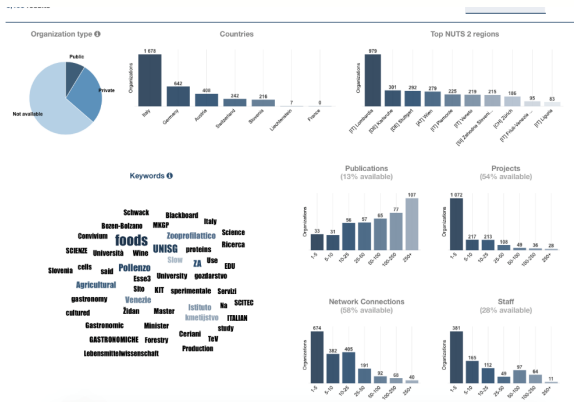
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Alpine Space
AlpGov

From the vocabulary <http://bit.do/RImapping> “Agrifood and Forestry” to the research centers **food** – 3193 results



Research Alps BETA

food

Filter by: ENTITY TYPES > COUNTRIES > LOCATION > PROJECTS > SOURCES >

NUTS REGION: LOMBARDIA, WIEN, KARLSRUHE, ZAHODNA SLOVENIJA, STUTTGART, VENETO, ZÜRICH, PIEMONTE, FRIULI-VENEZIA GIULIA, LIGURIA, OBERÖ... ✕

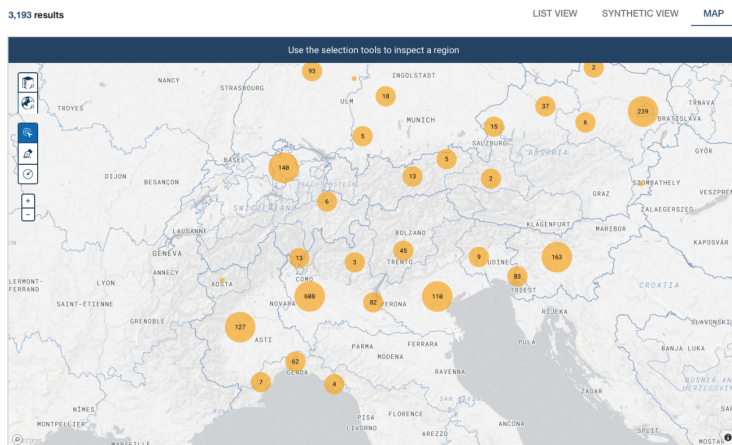
RESET THE FILTERS

from 1 to 20 out of 3,193 results - Page 1 out of 160

LIST VIEW SYNTHETIC VIEW MAP

SLOW FOOD ASSOCIAZIONE (SLOW FOOD, Slow Food)

Country: Italy
Location: Bra (12042)
Found in :
Acronyms : SLOW **FOOD**
Web site content : Slow **Food** Convivium Leader Area Accessible only to Slow **Food** convivium leaders
Username Password Forget
Label : SLOW **FOOD** ASSOCIAZIONE



Food Chemistry

2 aliases

Country: Germany
Location: Stuttgart (70569)
Found in :
Web site content : Department of **Food** Chemistry | Institute of Biochemistry and Technical Biochemistry | University of Stuttgart
Label : **Food** Chemistry

Department of Food Technology and Bioprocess Engineering

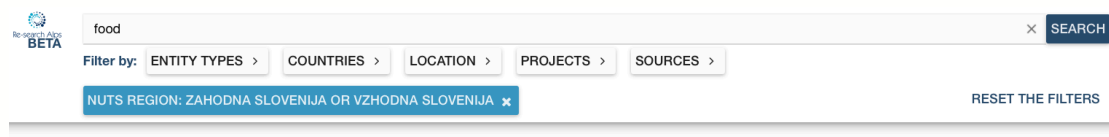
1 aliases

Country: Germany
Location: Karlsruhe (76131)
Found in :
Label : Department of **Food** Technology and Bioprocess Engineering
Publication : the historical development of twenty first century **food** processing technologies

IGEA FOOD SCIENCE S.R.L.

Startup

food – 3193 results → **focus on Slovenia: 328 results**



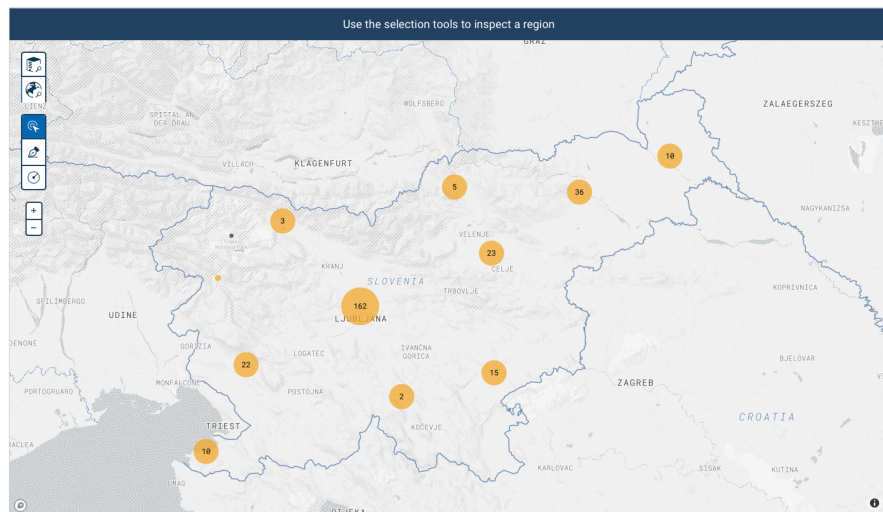
[LIST VIEW](#)
[SYNTHETIC VIEW](#)
[MAP](#)

The screenshot shows the FRUITAL website. The logo features a stylized fruit character with arms and legs, holding a globe, with the text "FRUITAL" and "a multiplatform experience" below it. The navigation menu includes links for "HOME", "ABOUT US", "CONTACT US", "FAQ", "BLOG", "GALLERY", "PRIVACY POLICY", and "TERMS OF SERVICE".



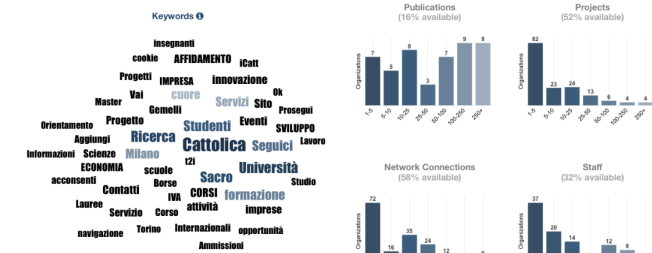
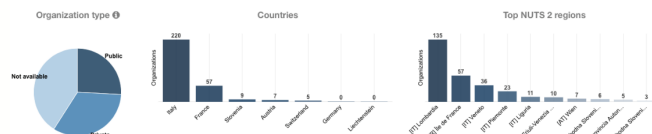
The screenshot shows the homepage of the Slovenian National Library (Narodna in univerzitetna knjižnica Slovenije). The header includes the library's name in Slovenian and English, and the year 1928. The main navigation bar contains links for 'O nas', 'Kontakt', 'Obratna', and 'Najbolj zanimivo'. The central banner features the text 'Odkrivamo neznan' (Discovering the unknown) over a blue and white abstract pattern. To the right of the banner, there is a list of featured items with their titles and authors.

[LIST VIEW](#)
[SYNTHETIC VIEW](#)
[MAP](#)





From the vocabulary <http://bit.do/RImapping> “Agrifood and Forestry” to the research centers agrifood – 243 results



agrifood

Filter by: ENTITY TYPES > COUNTRIES > LOCATION > PROJECTS > SOURCES >

NUTS REGION: LOMBARDIA, WIEN, KARLSRUHE, ZAHODNA SLOVENIJA, STUTTGART, VENETO, ZÜRICH, PIEMONTE, FRIULI-VENEZIA GIULIA, LIGURIA, OBERÖ... x

RESET THE FILTERS

from 1 to 20 out of 243 results - Page 1 out of 13

LIST VIEW SYNTHETIC VIEW MAP

Microglass srl (mglass, Microglass)
Country: Italy
Location: San Quirino (pn) (33080)
Found in: Web site content : miglior gruppo di partner Scopri di più **AGRIFOOD** UNIT Condividere Tecnologie, Soluzioni e Prodotti



ANALITICA ITALIA S.R.L.S.
Country: Italy
Location: Novara
Found in: Web site content : trasparenza e affidabilità dell'intera catena produttiva **AgriFood**. Tel: +39 3934196257 Sede amministrativa: via



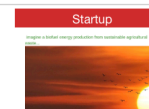
CRIT - Cremona Information Technology Società Consortile a r.l.
Country: Italy
Location: Cremona (26100)
Found in: Web site content : DIGITALE è caratterizzato da 6 distinti motori. Smart **AgriFood** Le nuove tecnologie - soprattutto droni, sensoristica



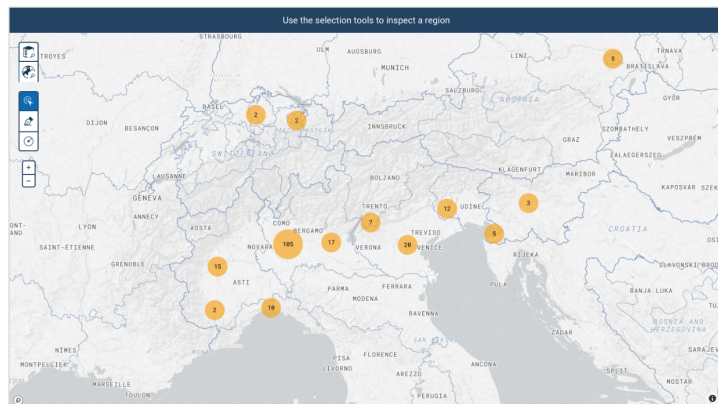
Tecnoalimenti (TCA)
3 aliases
Country: Italy
Location: Milan (20124)
Found in: Web site content : perform innovation and research in the fields of **agrifood**, nutrition, environment, safety and security by



BREED S.R.L. - BIO RENEWABLE ETHANOL ENERGY DEVELOPMENT
1 aliases
Country: Italy
Location: Padova (35121)
Found in: Web site content : monumentale, delle eccellenze enogastronomiche, dell'**agrifood** e delle risorse turistiche, con azioni di marketing

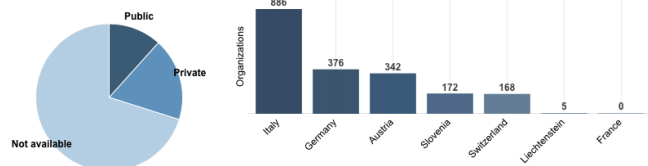


243 results LIST VIEW SYNTHETIC VIEW MAP

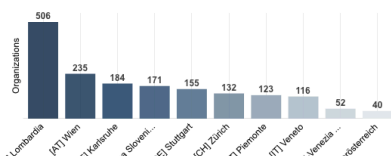


From the vocabulary <http://bit.do/RImapping> “Agrifood and Forestry” to the research centers sustainable food– 1949 results

1,94

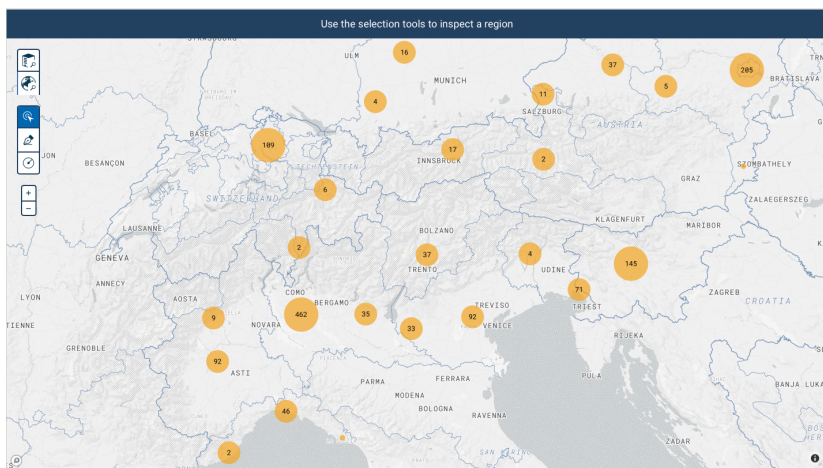


Top NUTS 2 regions



2,370 results

LIST VIEW SYNTHETIC VIEW MAP



Recherche BETA

sustainable food

Filter by: ENTITY TYPES > COUNTRIES > LOCATION > PROJECTS > SOURCES >

NUTS REGION: LOMBARDIA, WIEN, KARLSRUHE, ZAHODNA SLOVENIJA, STUTTGART, VENETO, ZÜRICH, PIEMONTE, FRIULI-VENEZIA GIULIA, LIGURIA, OBERÖ... x

RESET THE FILTERS

from 1 to 20 out of 1,949 results - Page 1 out of 98

LIST VIEW SYNTHETIC VIEW MAP

SLOW FOOD ASSOCIAZIONE (SLOW FOOD, Slow Food)

Country: Italy
Location: Bra (12042)
Found in: Acronyms : SLOW **FOOD**
Web site content : Slow **Food** Convivium Leader Area Accessible only to Slow **Food** convivium leaders
Username Password Forget
Label : SLOW **FOOD** ASSOCIAZIONE



ISEKI-Food Association (ISEKI)

Country: Austria
Location: Vienna (1190)
Found in: Web site content : institutes, companies and associations related to **food**, coming from all over the world . The IFA mission
Label : ISEKI-**Food** Association



Food Security Center (791)

Country: Germany
Location: Stuttgart (70599)
Found in: Web site content : Research Projects Research Training Group Global **Food** Security Publications Further Interesting Publications
Label : **Food** Security Center (791)

No Website Available

Sustainable Europe Research Institute

1 aliases v
Country: Austria
Location: Vienna
Found in: Web site content : Services See all Scenarios for 2050 **Food** e5.at – the Austrian **sustainability** model View all Services Projects
Label : **Sustainable** Europe Research Institute



OVIDIA FOOD SRL

Country: Italy
Location: Vicenza
Found in: Web site content : 1 e 2 del GDPR). TITOLARE DEL TRATTAMENTO Ovidia **Food** Srl con Sede Legale in Via Lago Trasimeno, 71 –
Label : OVIDIA **FOOD** SRL

