

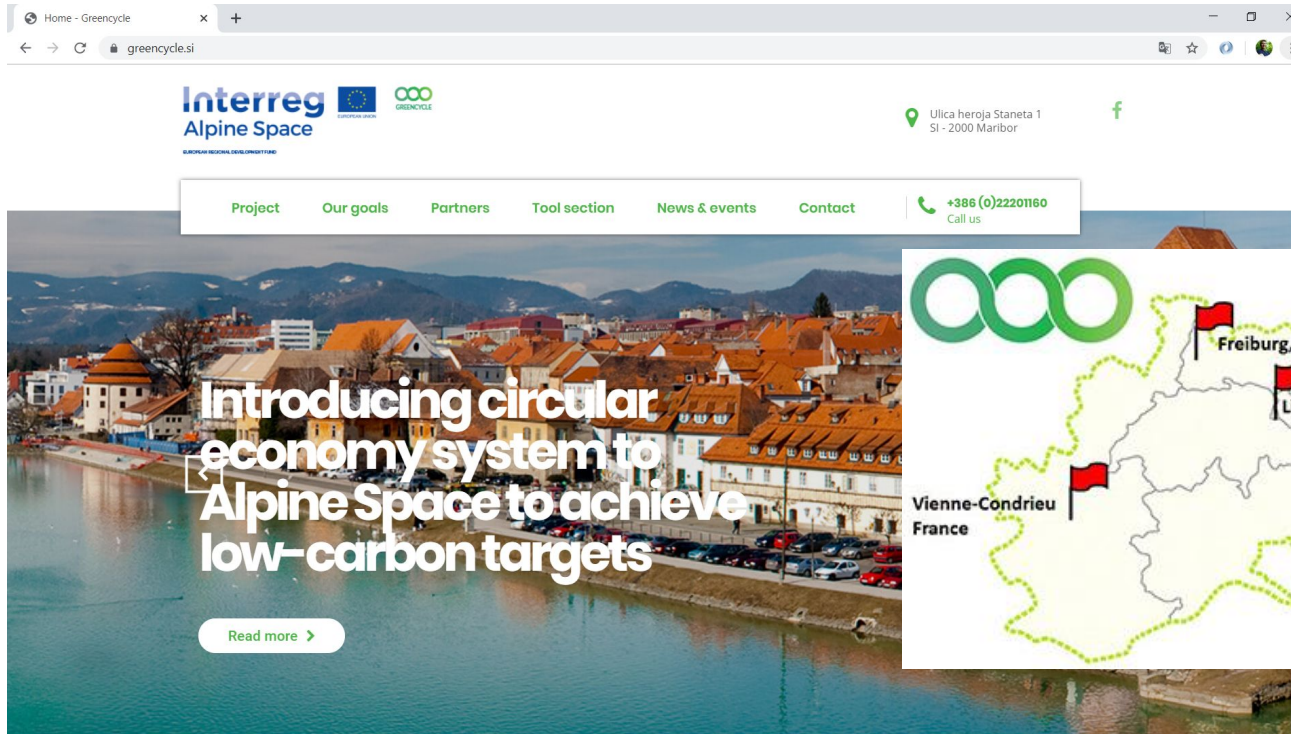
INTERREG Alpine Space GREENCYCLE Experience

Involving stakeholders and civil society
in the implementation of EUSALP

RT 1 - Protecting the nature of the Alpine Space

28 November 2019 - EUSALP Annual Forum 2019 - Regione Lombardia - Milano

Project as a glance: partners



Project: Strategies, Tools and Engagement

Circular Economy as instrument to improve the environmental impacts
Toward a ZeroWaste Alpine Space!

Strategic framework for circular economy

- Develop a circular economy system for partner cities, building on available practices and existing low-carbon strategies.
- Provide implementation strategies to the involved cities and establish cross-sectoral cooperation and governance.

Toolbox for circular economy deployment

- Develop a toolbox for the implementation of circular economy strategies and testing it

Establishment of transnational circular economy marketplace – cooperation platform

- Building of a transnational cooperation platform to provide marketplace for specific circular economy outputs and to provide cooperation platform for local and regional governments of Alpine Space presenting governance systems, best practices, accountability, monitoring, etc.

Testing the pilots

- Each municipality of the pilot-cities will implement its own pilot according to the needs and with help of the developed toolbox. The 5 pilot cities are: Freiburg, Vorau, Maribor, Pays Viennois and Trento



Greencycle Web platform

The effort of the Greencycle project is **to impact the policies and actions of the Public Administration on the issue of economic circularity and environmental support**, including with "pilot" action that concretize the meaning of the platform with local stakeholders.

So the GREENCYCLE marketplace is:

- Information storage platform, microservice and API based to support development of CE enabler services/scenario
- A platform to support the CE manager and the transnational network
- A one stop shop for finding resources (materials and more) available in the cities
- A one stop shop for finding CE (potential) actors in the cities (active and passive) and to share CE experiences

Resource Management and Marketplace platform, supporting the transnational network

- Georeferenced Resource Management for mapping activities and reusable resources, events and skills on the territory
- Marketplace for meeting demand and offer
- Simple tools for data mapping, by user type
- Flow monitoring dashboard
- WebAPP platform for enabling vertical gathering and data use(micro-services)

Opportunities

- Increased information difficult to find on websites
- New opportunities for companies
- New professionalism and employment opportunities



Events, Activities,
Trainings



Circular Economy
manager (P.A.)



Market and Fairs



Manufacturers and
Producers



Citizens



Service Providers

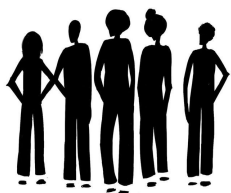
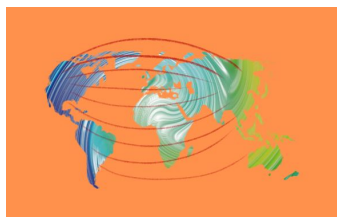


Secondary Raw
Materials, Used stuff



Short Supply chain
Shops,

Transnational Network





SIGNATORIES OF THIS

MANIFESTO FOR CIRCULAR ECONOMY

CONFIRM THEIR COMMITMENT TO MAKE EFFORTS TO THE FOLLOWING

12 KEY PRINCIPLES FOR A TRANSITION TOWARDS A CIRCULAR ECONOMY

<p>IMPLEMENT CIRCULAR ECONOMY PRINCIPLES INTO LOCAL POLICIES</p> <p>TO ENABLE LOCAL TRANSITION TOWARDS CIRCULAR ECONOMY AS MORE SUSTAINABLE AND MORE RESOURCE EFFICIENT</p>	<p>STRIVE TOWARDS THE UNO SUSTAINABLE DEVELOPMENT GOALS</p> <p>WITH SPECIAL FOCUS RESPONSIBLE CONSUMPTION AND PRODUCTION AND CLIMATE ACTION</p>	<p>NETWORK TRANSNATIONALLY</p> <p>WITH INSTITUTIONS COOPERATING IN THE FIELD OF CIRCULAR ECONOMY</p>	<p>SUPPORT MULTI-SECTOR COOPERATION</p> <p>AND EMPOWER CIVIL SOCIETY, BUSINESSES AND NGO'S TO ADVANCE CIRCULAR ECONOMY INITIATIVES</p>
<p>LEAD BY EXAMPLE</p> <p>AND START WITH THE PRINCIPLES IN OUR OWN INSTITUTION AND ENCOURAGE CULTURAL CHANGE TOWARDS CIRCULAR ECONOMY</p>	<p>EDUCATE THE PUBLIC</p> <p>ON "RETHINKING ON WASTE" TO ENCOURAGE WASTE PREVENTION, REPAIR, SECONDHAND AND BETTER SORTING</p>	<p>PROMOTE CIRCULAR PRODUCTS</p> <p>THAT ARE EASY TO SHARE, EASY TO LEASE, EASY TO REUSE, EASY TO REPAIR, EASY TO BE REPROCESSED AND RECYCLED</p>	<p>PROMOTE SUSTAINABLE CONSUMPTION PATTERNS</p> <p>TO AVOID FOOD WASTE, PRODUCT WASTE AND ENERGY LOSS</p>
<p>SUPPORT RESEARCH INNOVATION AND QUALIFICATION</p> <p>TO ADVANCE CIRCULAR ECONOMY</p>	<p>IMPLEMENT FINANCIAL INCENTIVES</p> <p>TO PROMOTE A TRANSITION TO A MORE CIRCULAR ECONOMY</p>	<p>INVEST IN INFRASTRUCTURE</p> <p>THAT ENABLES MATERIAL AND RESOURCE CIRCULATION AND INVEST IN SMART GRIDS AND RENEWABLE ENERGY</p>	<p>MONITOR AND MEASURE</p> <p>MATERIAL, WASTE AND ENERGY FLOWS AND CLOSE THE LOOPS AS LOCALLY AS POSSIBLE</p>



FIRMANDO QUESTO

MANIFESTO PER L'ECONOMIA CIRCOLARE CONFERMI IL TUO IMPEGNO NELL' APPLICARE I 12 PRINCIPI CHIAVE PER SOSTENERE LA TRANSIZIONE VERSO L'ECONOMIA CIRCOLARE

- 1 INSERIRE ED ATTUARE I PRINCIPI DELL'ECONOMIA CIRCOLARE NELLE POLITICHE PER ABILITARE LA TRANSIZIONE A LIVELLO LOCALE VERSO L'ECONOMIA CIRCOLARE COME MODELLO MAGGIORMENTE SOSTENIBILE E EFFICIENTE NELL'USO DELLE RISORSE
- 2 PUNTARE VERSO GLI OBIETTIVI DI SVILUPPO SOSTENIBILE DELL'O.N.U. FOCALIZZANDOSI SU CONSUMO E PRODUZIONE RESPONSABILE E AZIONI PER IL CLIMA
- 3 SUPPORTARE LA CREAZIONE DI UNA RETE TRANSNAZIONALE CON ISTITUZIONI CHE COOPERANO NEL SETTORE DELL'ECONOMIA CIRCOLARE
- 4 SOSTENERE LA COOPERAZIONE MULTI-SETTORE, INCORAGGIARE LA SOCIETÀ CIVILE, LE IMPRESE E LE ONGS PER FORMULARE INIZIATIVE DI ECONOMIA CIRCOLARE
- 5 GUIDARE CON IL PROPRIO ESEMPIO, NELLA PROPRIA ISTITUZIONE, INCORAGGIANDO IL CAMBIAMENTO CULTURALE VERSO L'ECONOMIA CIRCOLARE
- 6 EDUCARE I CITTADINI AL "RIPENSAMENTO SUL CONCETTO DI RIFIUTO" PER INCORAGGIARE LA PREVENZIONE, LA RIPARAZIONE, IL RIUSO E LA MIGLIORE DIFFERENZIAZIONE
- 7 PROMUOVERE PRODOTTI CIRCOLARI FACILI DA CONDIVIDERE, FACILI DA AFFITTARE, FACILI DA RIUTILIZZARE, FACILI DA RIPARARE, FACILI DA RIPROCESSARE E RICICLARE
- 8 PROMUOVERE MODELLI DI CONSUMO SOSTENIBILI PER EVITARE I RIFIUTI ALIMENTARI, I RIFIUTI DI PRODOTTO E LA PERDITA INUTILE DI ENERGIA
- 9 SUPPORTARE LA RICERCA, L'INNOVAZIONE E LA QUALIFICAZIONE PROFESSIONALE IN MODO DA DIFFONDERE L'ECONOMIA CIRCOLARE
- 10 ATTUAZIONE DI INCENTIVI FINANZIARI PER PROMUOVERE LA TRANSIZIONE A UN'ECONOMIA PIÙ CIRCOLARE
- 11 INVESTIRE IN INFRASTRUTTURE CHE PERMETTONO LA CIRCOLAZIONE DEI MATERIALI E DELLE RISORSE E INVESTIRE IN SMART GRID E ENERGIA RINNOVABILI
- 12 MONITORARE E MISURARE I FLUSSI DI MATERIALI, RIFIUTI E ENERGIA E CHIUDERE I PROCESSI PIÙ LOCALMENTE POSSIBILE

Nome e Cognome

Organizzazione

eMail

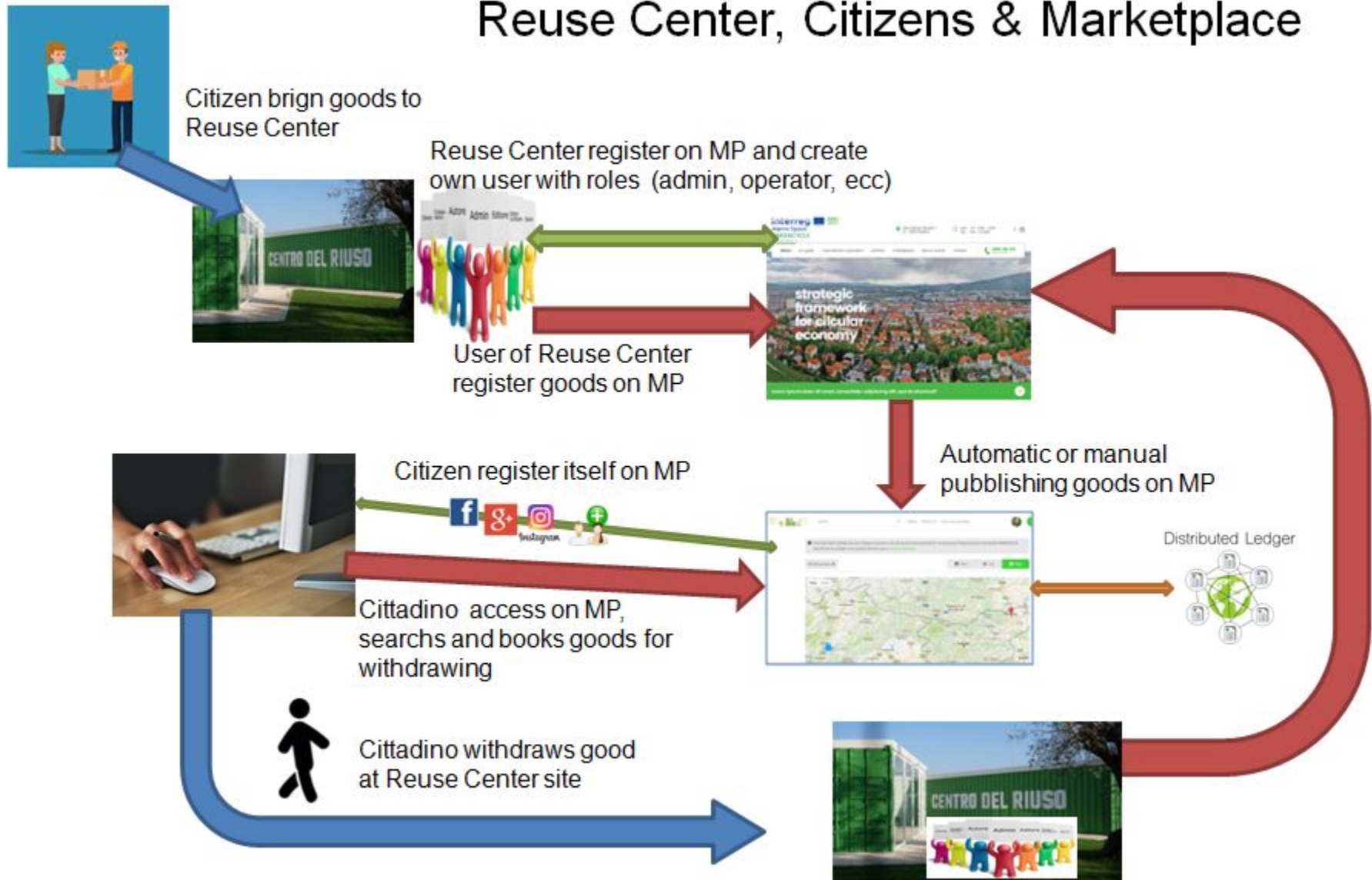
Firma

Indirizzo, Stato

Engagement: PA, Biz, NGO and Civil Society

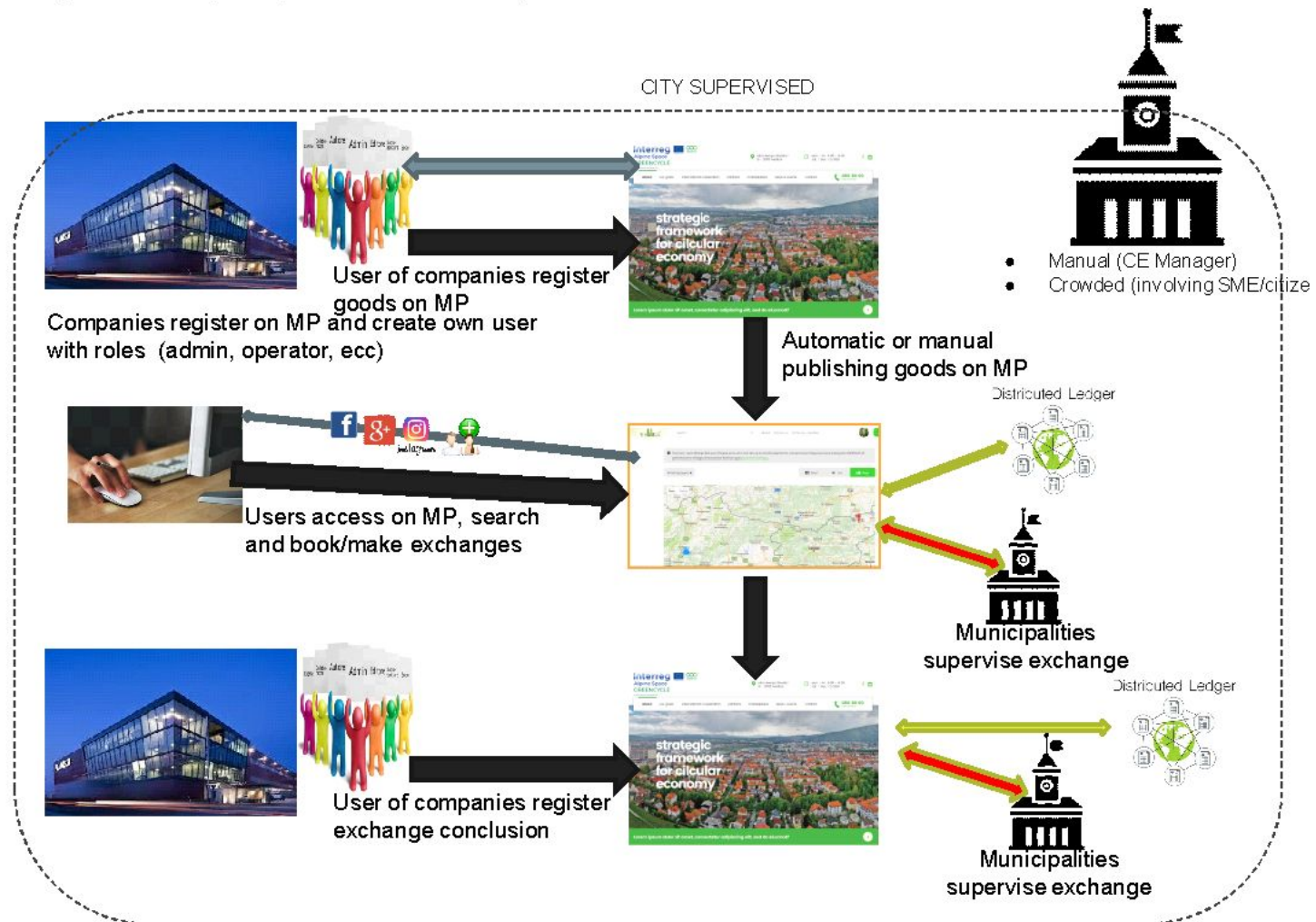


Reuse Center, Citizens & Marketplace

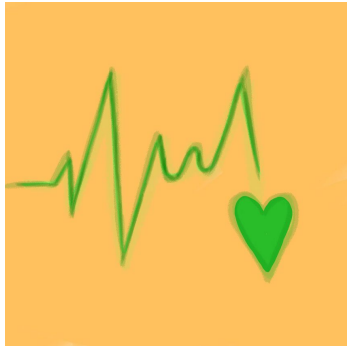


Publishing (Secondary Raw) Materials

City Role (PA): Publishing materials data



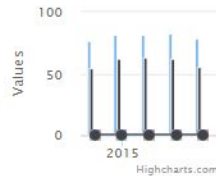
Data, Data, Data! (to measure, to know)



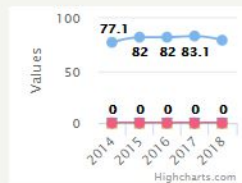
Rare Materials



Network - Recycling Percentage rates of different waste streams



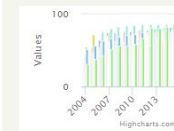
Network - Waste recycled and collected



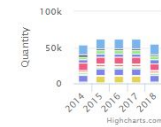
Network - Recycling statistic percentual



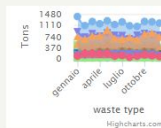
Network - Recycling WEEE trends in municipality



Trento - Trend in separate waste collection in Trentino



Trento - Urban Waste Collection 2014 - 2018



Trento - Urban Waste Recycling - 2018

Side App to demonstrate that is a flexible Marketplace platform to build on top (not JUST A WEBSITE)



For this reason we intend to create a second Front End, dedicated to the NutrireTrento initiative, very simple, with specific layout that allows:

- search and display of information about Trento concerning the food chain (all users without registration)
- allows authorized users to modify their information (after login) and their products, in compliance with the platform regulations
- allows an improvement in the web search for information and the re-use of information published on the platform (information structuring, web services)

Discussion



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