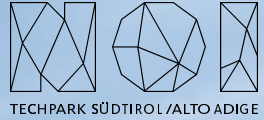


# OPEN DATA HUB

GW2  
con'23



Simon Dalvai  
14.06.2023

Nature of Innovation

# OPEN DATA HUB

## Develop digital solutions based on real data.

Open Data Hub is the **cross-border digital platform** that helps **start-ups, companies** and **research institutes** to develop digital solutions based on real data.

It connects data from different data providers and makes this data easily available for data consumers.

### Data Spaces



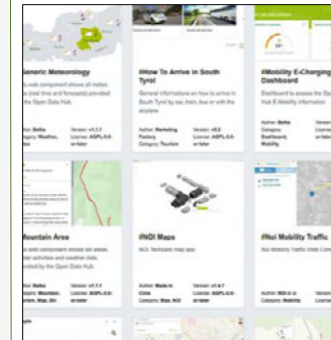
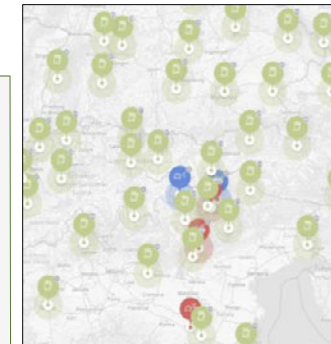
### Resources

- » [opendatahub.com](https://opendatahub.com)
- » [webcomponents.opendatahub.com](https://webcomponents.opendatahub.com)
- » [analytics.opendatahub.com](https://analytics.opendatahub.com)
- » [databrowser.opendatahub.com](https://databrowser.opendatahub.com)

### Data Providers



### Registered Data Consumers



**DATA ACCESS**  
understand how to build on open data

If you develop software applications we provide access to open data, through a **machine-readable**, documented and **stable channel**, to updated and **real-time data**, released under an Open Data licence.

**DATA SHARING**  
share your data online

We help you to give visibility to your data, identify suitable formats, processing algorithms and licences and to use technologies known by application developers

**DATA VISUALIZATION**  
understand the potential of data

We help companies to test, visualise and get inspired by data to make their ideas concrete and valuable.



# CORE TEAM @ OPEN DATA HUB DAY 2023



## **Head of Unit**

Patrick Ohnewein

## **Project Managers**

Luca Miotto, Stefano Seppi,  
Roberto Cavaliere

## **Software Architects**

Rudi Thöni, Clemens Zagler,  
Simon Dalvai

## **Community Building**

Emily Simonis

## **Customer Care Support**

Martin Rabanser, Delia Mennitti,  
Lukas Mayr, Ilaria Russo,  
Chiara D'Ercoli

**Many other external  
contributors**

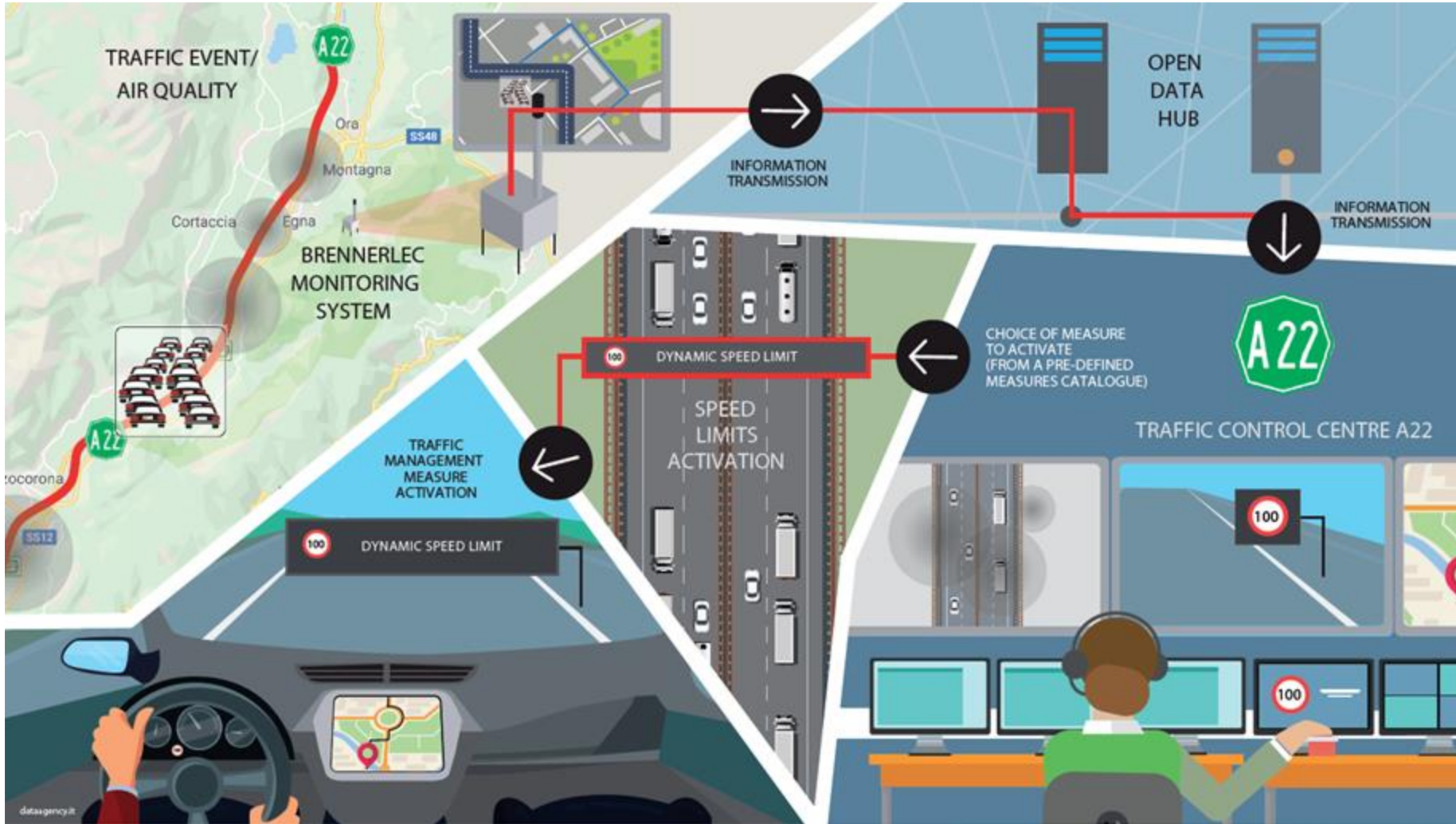
# GUARANTEE SERVICE AVAILABILITY FOR EVERYONE

	UNREGISTERED (free)	BASIC (free)	ADVANCED (for a fee)	PREMIUM (for a fee)
Access to all Open Data provided	✓	✓	✓	✓
Notification about API and dataset changes		✓	✓	✓
Intermediation with data providers		✓	✓	✓
<b>Basic support</b> in the implementation of APIs		✓	✓	✓
<b>Advanced support</b> in the implementation of APIs			✓	✓
<b>Premium service</b> specific SLA requirements				✓

# DATA ACCESS

Data Consumers need to access  
high quality, real-time and machine-readable data

# BRENNERLEC - REAL TIME TRAFFIC DATA



# DATA SHARING

Data Providers provide data  
to generate visibility for their core business



# AUTHENTICATION AND AUTHORISATION

TECHPARK SÜDTIROL/ALTO ADIGE

Login

ENGLISH ▾

### Sign in to your account

**Email**

\_\_\_\_\_

**Password**

\_\_\_\_\_

Remember me [Forgot Password?](#)

---

Or sign in with

New user? [Register](#)

# DATA VISUALIZATION

Data as API results, but not only!

# API

```
{
  "offset": 0,
  "data": [
    {
      "pactive": false,
      "pavailable": true,
      "pcode": "00001",
      "pcoordinate": {
        "x": 13.595222,
        "y": 47.948,
        "srid": 4326
      },
      "pmetadata": {
        "city": "--",
        "state": "ACTIVE",
        "address": "Hauptstraße",
        "capacity": 2,
        "provider": "AP_GEN"
      },
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      "porigin": "ALPERIA",
      "ptype": "EChargingStation",
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      "savailable": true,
      "scode": "00001-0",
      "scoordinate": {
        "x": 13.595222,
        "y": 47.948,
        "srid": 4326
      }
    }
  ]
}
```

## Mobility Data

<https://mobility.api.opendatahub.com/>

## Tourism Data

<https://tourism.api.opendatahub.com/>

## Agricultural Data

In development

# WEB COMPONENTS (WIDGETS)

The screenshot displays the Open Data Hub Web Components gallery. At the top, there are navigation links: "Web Components", "How to", "Validator", and "Contact us". The gallery features eight web components, each with a preview image, a title, a description, and metadata.

- #Skiareas and Lifts Map**: Map that displays Lifts and Skiareas from Opendatahub Activity Endpoint. Author: Rudi Thoeni et al. Version: v0.3.1. License: AGPL-3.0-or-later. Category: Map.
- #Smart Mobility**: Smart Mobility Web Component. Author: Daniel Rampanelli. Version: v1.1.2. License: AGPL-3.0-or-later. Category: Mobility.
- #Tourism Detail**: List and details of gastronomy businesses, activities and points of interests. Author: KONVERTO. Version: v.2.0.3. License: AGPL-3.0-or-later. Category: Activities, Poi, Gastronomy.
- #Weather in South Tyrol**: Weather webcomponent for South Tyrol. Author: Belka. Version: v1.1.1. License: AGPL-3.0-or-later. Category: Weather.
- #Weather in South Tyrol - forecast**: Weather forecast webcomponent. Preview shows weather for Olzano, Olttradige e Bassa Atesina on Wednesday, 12/01/2020 (8 / -3°C) and Thursday, 13/01/2020 (9 / -2°C).
- #Weather in South Tyrol - mountain weather**: Weather mountain. Preview shows "Meteo in montagna" with temperatures like -15°C, -13°C, -8°C, and 9°C.
- #Weather in South Tyrol - Video**: Weather video webcomponent for South Tyrol. Preview shows a "Südtirol STORMUNG" video.
- #Webcomponent: Flightmap**: A webcomponent displaying realtime flightdata & Skyalps arrival/departures. Preview shows "Departures" and "Arrivals" tables.



















URL: <https://webcomponents.opendatahub.com/webcomponent/tourism-de...:component>

# DATA BROWSER 2.0

OPEN DATA HUB Menu BETA Login Register

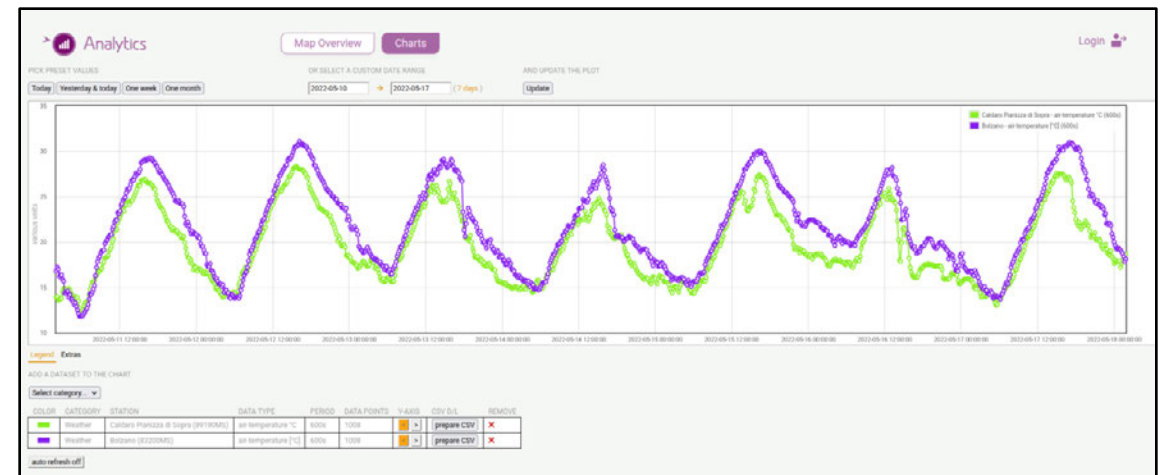
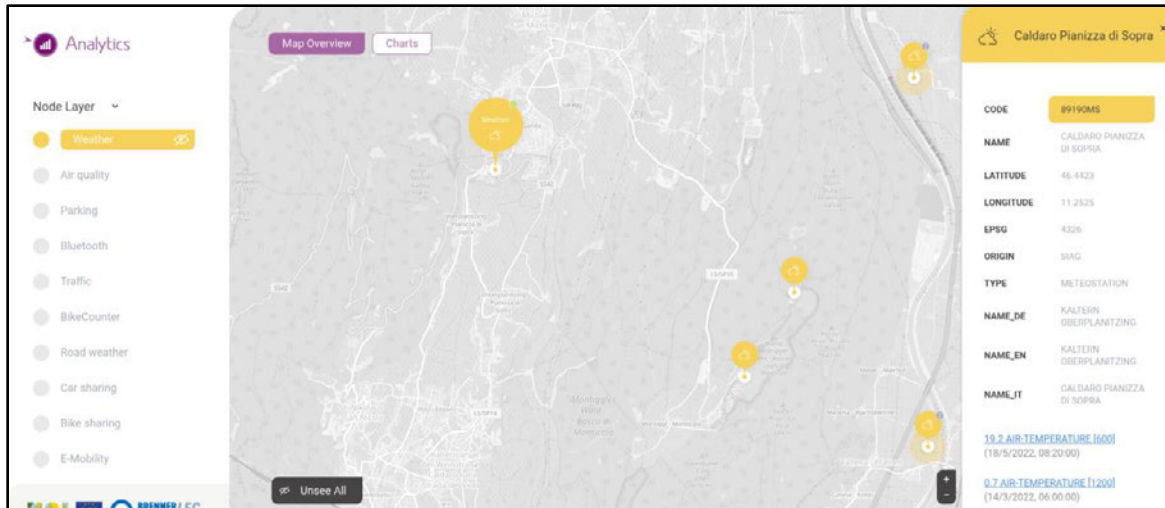
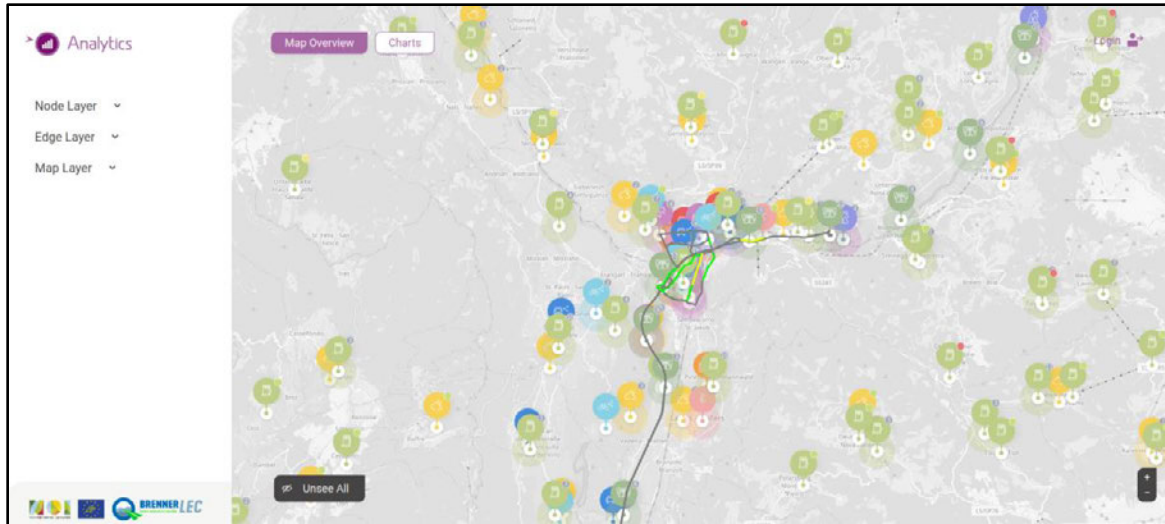
Accommodations from Accommodation More Info

DE IT **EN** NL CS PL FR RU

IMAGE	TITLE	ACCOMMODATION TYPE	CATEGORY	LOCATION	LANGUAGES	EDITED	SOURCE	OPEN DATA HUB STATE	DETAIL
	Charming Hotel Genziana	HotelPension	4stars	Dolomites Region Val Gardena Sëlva/Selva	de, it, en	21 days ago 11.05.2023 14:44	LTS	<span>Active</span>	 
	Kofler zwischen den Wänden	Farm	3flowers	Ahrntal/Valle Aurina Sand In Taufers/Campo Tures	de, it, en	8 days ago 24.05.2023 18:30	LTS	<span>Active</span>	 
	Kirchtalhof	Farm	4flowers	Meran/Merano and environs Lana	de, it, en	5 days ago 27.05.2023 08:31	LTS	<span>Active</span>	 
	Apartments Fixlhof	BedBreakfast	2suns	Meran/Merano and environs Riffian/Rifiano	de, it, en	8 days ago 24.05.2023 15:04	LTS	<span>Active</span>	 
	Hotel Italia	HotelPension	3stars	Dolomites Region Alta Badia Corvara	de, it, en	3 days ago 29.05.2023 21:10	LTS	<span>Active</span>	 
	Camping Antholz	Camping	3stars	Dolomites Region Kronplatz/Plan de Corones	de, it, en	8 days ago 24.05.2023 18:21	LTS	<span>Active</span>	 

Lines per page 25 1 GO of 405

# THE OPEN DATA HUB ANALYTICS



# THANK YOU.



[opendatahub.com/quickstart/](https://opendatahub.com/quickstart/)

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