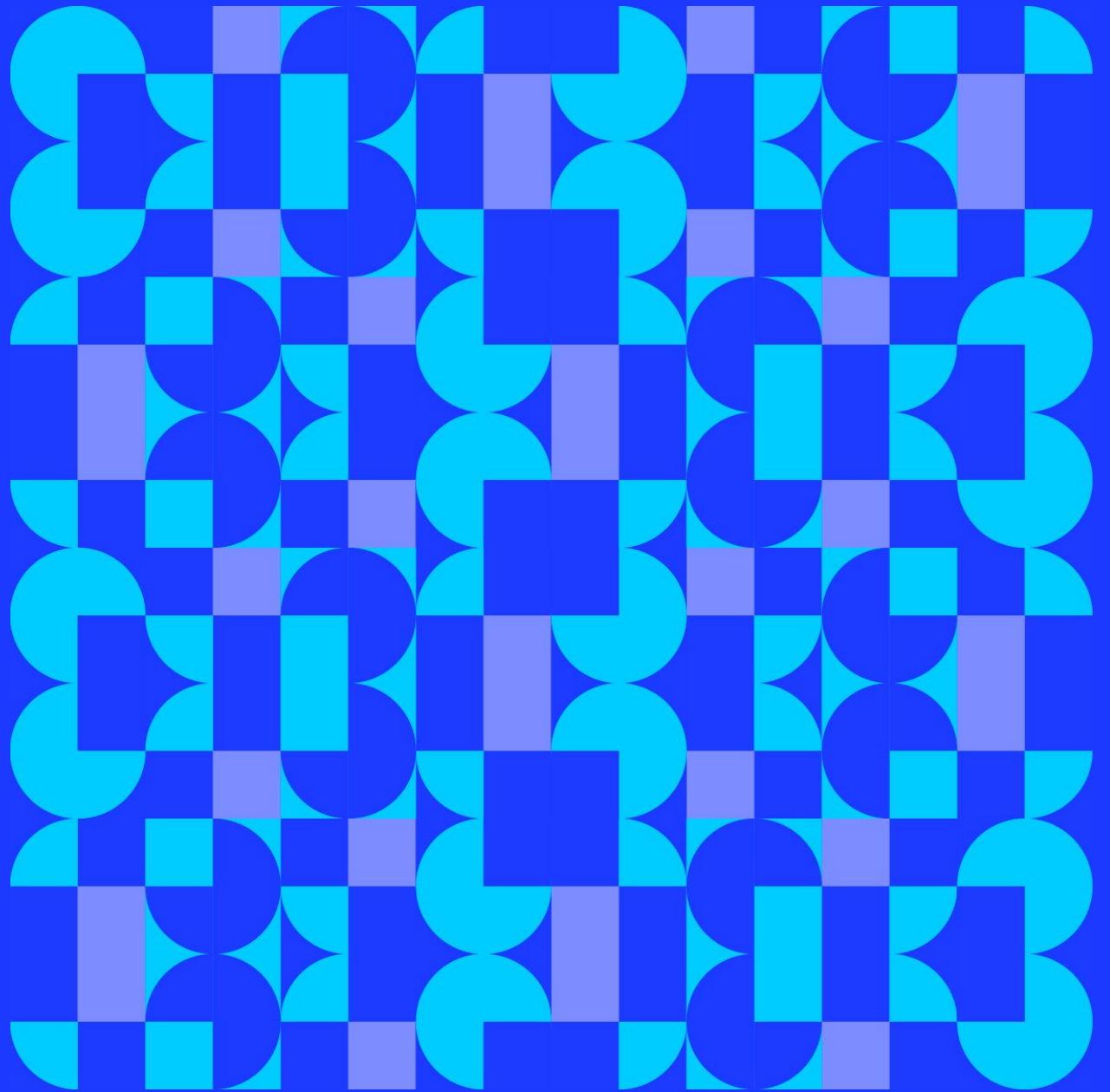


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NAPOLI pilot

Comune di Napoli

beopen-dep.eu



Pilot Napoli – Storytelling & Challenges

STORY

- Systemization for Mobility UNSHARED data
- Distribution of Earth observation data (from EU research) and GIS analysis& integration for advanced evaluation of public space and green capital
- Testing innovative tools for data sharing
- Gaining awareness on the elements of an EU compliant data pipeline

CHALLENGES

- Immature Open data and Ckan technologies
- IT unskilled team in the focus group
- Slow administration processes to get some valuable datasets
- Inadequate information content in the datasets to meet adopted standards

Napoli – Performed activities

- Data collection from the Sustainable Mobility plan
- Data selection from Planning datasets
- Earth observation data from Spotted (general datasets and specific public space analysis)
- Data standardization, hosting, metadata checking etc. using BeOpen platform tools



Implementing of web maps and monitoring dashboard to innovate operating tools

Demonstrating HVDs value



Napoli – Performed activities

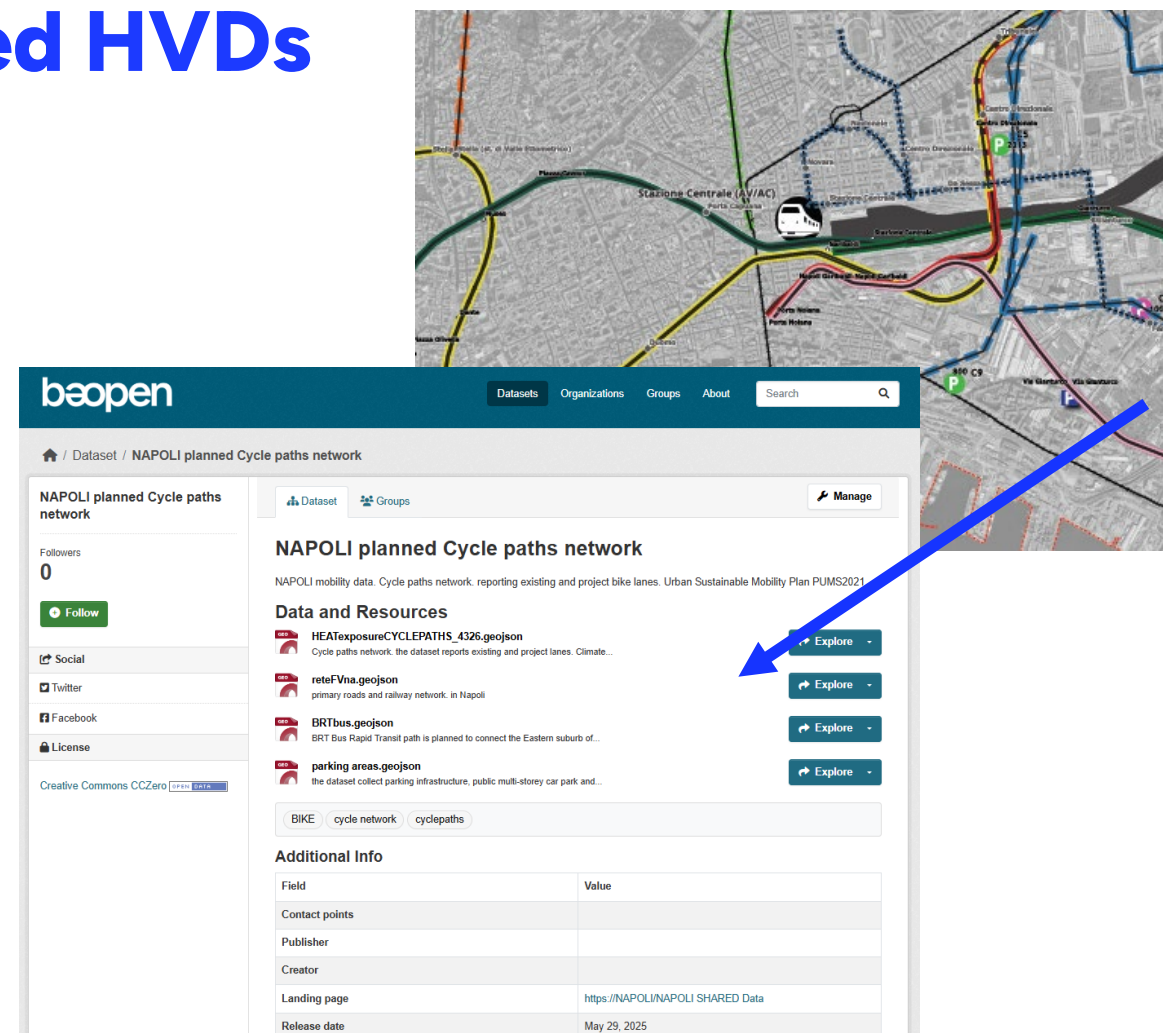
- BDTI testing on public space to build decision-supporting information, webinar & dissemination
- Networking in a vast organization, involving 6 departments (Mayor / Environment / Planning / Sustainable Mobility / Urban Regeneration / Green Management)
- Dissemination to external contacts, participation in GIS and smart cities conventions and events



Napoli – Achieved Results & used HVDs

HVDs in the Sustainable Mobility Domain
Cycle paths, mobility hubs, Public transport stops

HVDs in the Earth Observation Domain
Soil temperature values, Green Adaptation opportunities



The image displays a map of Napoli, Italy, with various transportation routes highlighted in different colors (yellow, green, red, blue). Overlaid on the map is a screenshot of the beopen dataset page for 'NAPOLI planned Cycle paths network'. The page shows the dataset's title, a description, and a list of related datasets with 'Explore' buttons. A blue arrow points from the map to the dataset page.

beopen Datasets Organizations Groups About Search

Dataset / NAPOLI planned Cycle paths network

NAPOLI planned Cycle paths network

NAPOLI mobility data. Cycle paths network, reporting existing and project bike lanes. Urban Sustainable Mobility Plan PUMS2021

Data and Resources

- HEATexposureCYCLEPATHS_4326.geojson**
Cycle paths network, the dataset reports existing and project lanes. Climate...
- reteFVna.geojson**
primary roads and railway network, in Napoli
- BRTbus.geojson**
BRT Bus Rapid Transit path is planned to connect the Eastern suburb of...
- parking areas.geojson**
the dataset collect parking infrastructure, public multi-storey car park and...

BIKE cycle network cyclepaths

Additional Info

Field	Value
Contact points	
Publisher	
Creator	
Landing page	https://NAPOLI/NAPOLI SHARED Data
Release date	May 29, 2025

Napoli – Stakeholder involvement

Baseline assessment and demo 2024 involved Municipality decision-making staff and high-level officers. The 2nd demo event has involved data managers and experts in these strategic areas: Planning / Environmental protection / urban and green regeneration / Mobility and civil protection

They configure a solid network of officers that manage data and produce thematic information in the Municipality

There has been a relevant collaboration in Web services design



Demo presentation, May 26th 2025



Napoli – Lessons learnt

- The Municipality has to implement the **-Data strategy-** creating a roadmap, training opportunities, creating network events for the officers involved.
- EU Research activities have led the way but the adopting of a **technical infrastructure for data sharing** must be a cross-sector decision of the Administration.
- **Skills** must be strengthened. Planners, designers that detain (geospatial) information need support from a Data officer profile to manage the data pipeline and comply with EU rules, DO should be distributed in the organization at area level.
- Data collection issues must be brought to the attention of all concerned. The Municipality must maintain its **strategic datasets** in a good shape and has to reclaim due **sovereignty** on the data derived from outsourced analysis and plans.



Napoli – New approach after adopting BeOpen?

Points for a DATA strategy

- Design the Data Collection in each planning and design procedure with awareness of standardization and data modelling
 - which data shall we build, collect or obtain from designers-project engineers etc? are our dataset complete and regularly updated? Do they comply to HVD rules?
- Can we use extensively an evaluation & assessment tool?
- Do we need **targets** to be respected in this field in our organization?

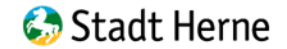
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