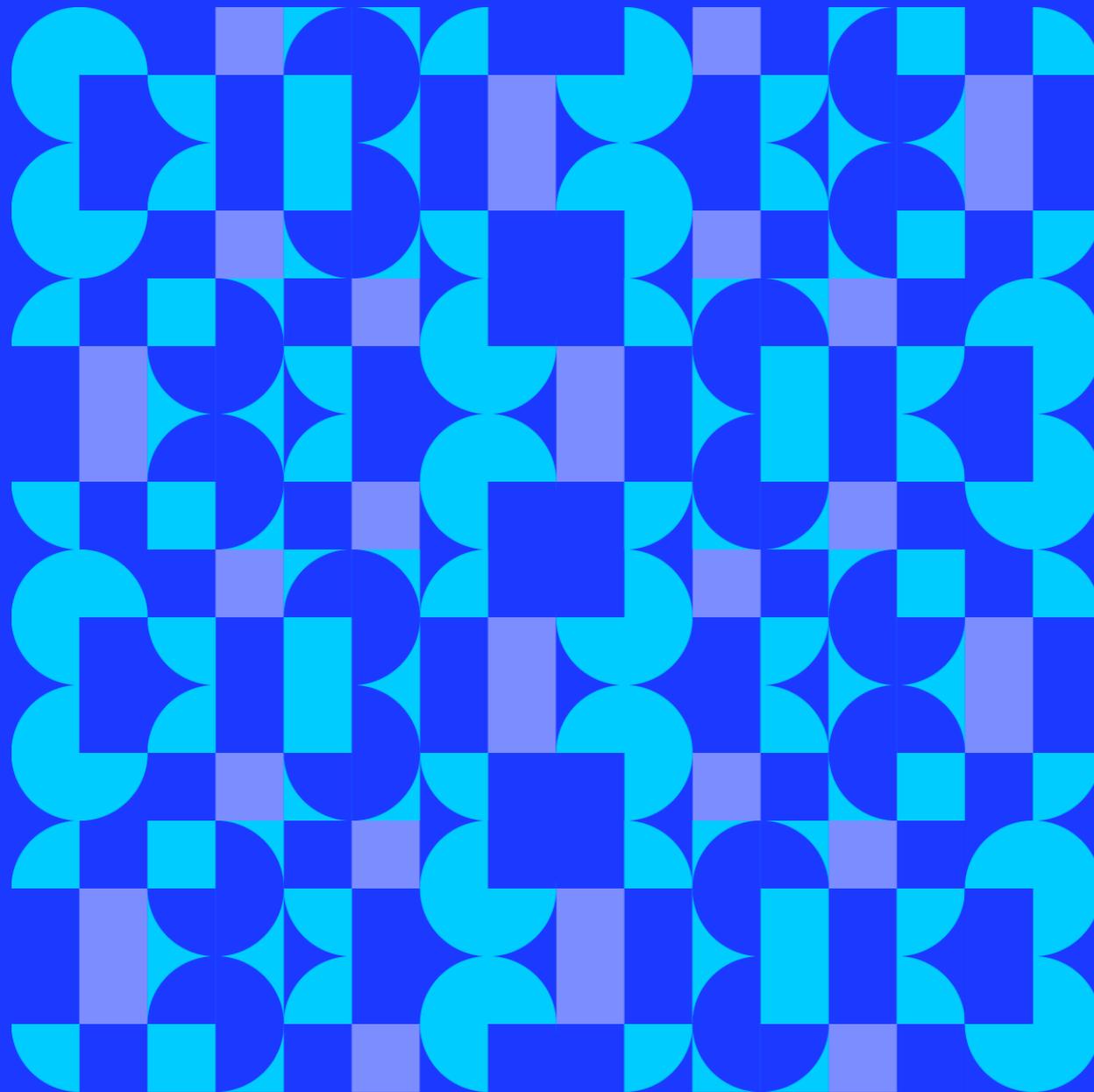


beopen

# Project Presentation

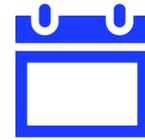
April 2023

beopen-dep.eu



# Snapshot

- **BeOpen Framework** will enable the development of new digital and AI services by facilitating access to and use of EU Public Sector High Value Datasets.
- **8 pilots** will address mobility, urban security, environment, and natural disasters challenges in several EU regions.



**Duration: 30 Months**  
Jan 2023 – Jun 2025



**Budget: 7.447.000 €**  
Funding 50%



**Digital Europe Programme**  
DIGITAL-2022-CLOUD-AI-02



**Consortium: 17 Partners**  
+1 Associated Partner

# BeOpen - The Context

## Opportunity

- Become the catalyst of Open Data existing in public administrations.
- Improve data sharing, interoperability, availability of data sets in different sectors.
- Engage a community of stakeholders thanks to sister EU Projects and partners' networks.
- Build on expertise from previous projects, the FIWARE platform and SMEs or start-ups leaders in data exploitation.



Cefat4Cities

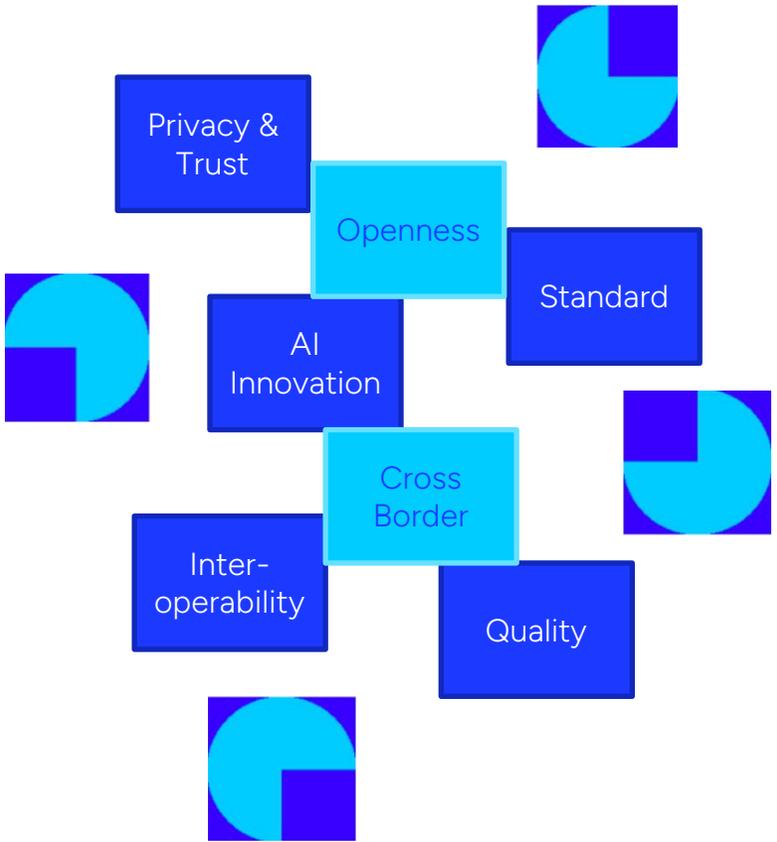
## Solution

- Technical framework for data interoperability covering the complete pipeline from data collection, quality improvement, semantic enrichment, to data provisioning and publication.
- Catalogue of High Value Datasets (HVD), public Open Data available and accessible for the creation of new services and AI applications.
- Guidelines and recommendations - Legal interoperability of data.

## Outputs

- Solution piloted in 6 countries, 8 cases in domains such as urban mobility, climate change, health ...
- Public High Value Datasets assessed and validated for re-use in new services or applications.

# BeOpen will deliver



## Technical Framework

- Set of tools for data improvement and sharing along the public Open Data management pipeline

## Catalogue of High Value Datasets

- Public Datasets available in machine readable format discoverable by the EU and national Open Data Portals

## Community of Stakeholders

- Expanded ecosystem of providers of High Value Datasets and developers of Smart Solutions and AI Applications

## Smart Solutions for cities and communities

- Replicable services developed using the BeOpen framework and the HVDs made available by the Public Administrations

# BeOpen - Benefits



\*Connecting Europe Facility

## 8 Use Cases in different EU regions



Napoli (IT)  
Integrating  
Mobility Data  
and Urban  
Environment  
Information  
for Decision  
Making



Attica (GR)  
Creating a  
"shield" from  
natural  
disasters for  
the region's  
citizens and  
environment



Herne (DE)  
Improving AI-  
tools for  
street  
management  
and crowd  
safety at  
major events



Municipalities  
(SP)  
Urban security  
in historical  
cities with key  
critical  
infrastructure



Municipalities  
(SP)  
Climate  
change  
mitigation  
actions: Urban  
Heat Islands &  
Heatwaves



Molina de  
Segura (SP)  
Sustainable  
introduction  
of LED lighting  
and its impact  
on health



Porto (PT)  
Assessing the  
impact of  
incidents with  
urban mobility  
data



Vilnius (LT)  
Invading  
species  
detection and  
projected  
expansion

## CONSORTIUM PARTNERS



BeOpen has received funding from [European Union's Horizon Europe Research and Innovation programme](#) under the Grant Agreement No 101100807





Built on the blueprint for a  
common European data space  
for smart cities and communities

# See you soon!

Visit our website for updated information  
and follow our social media channels!



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