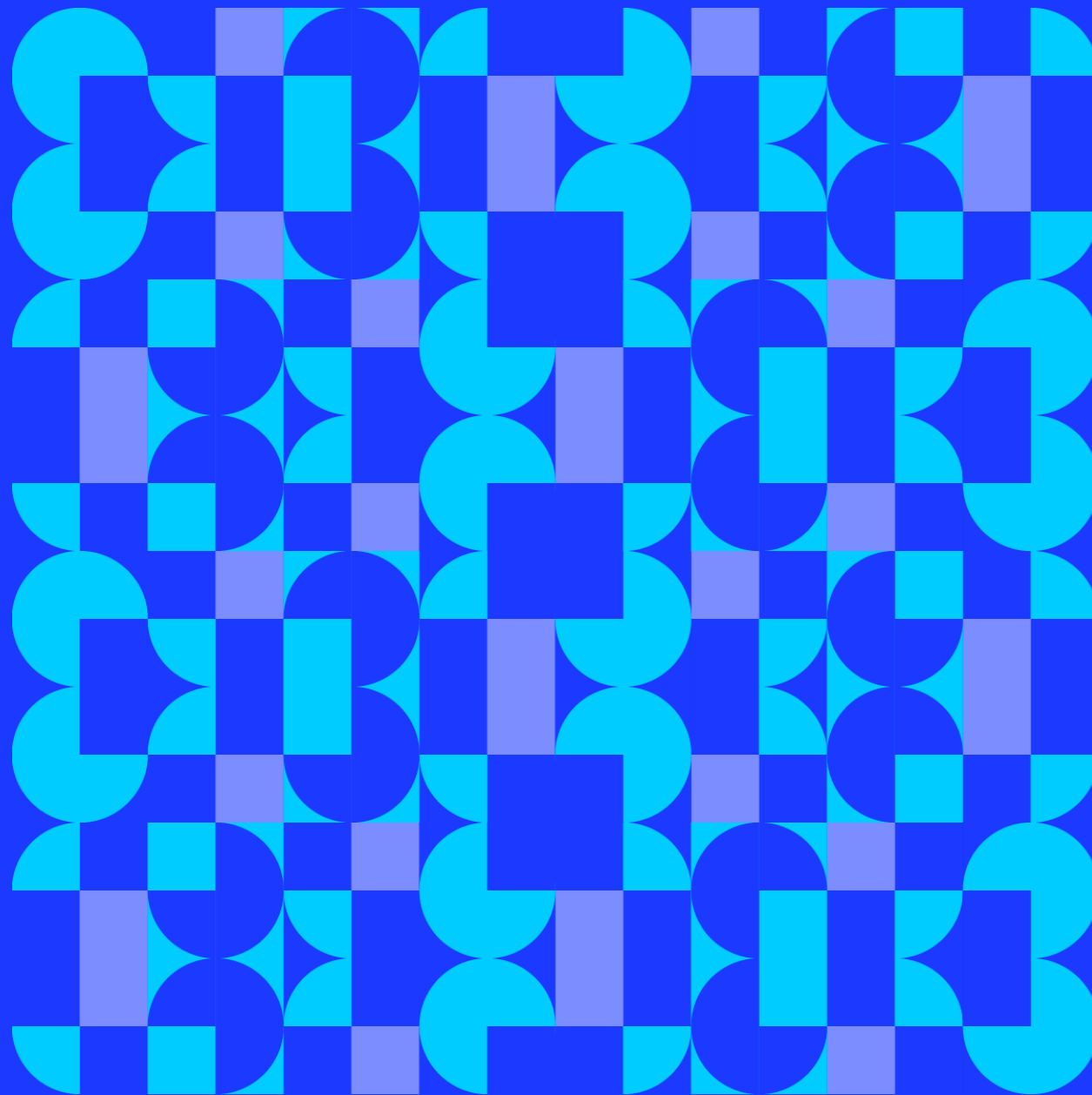


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Project Presentation

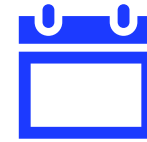
April 2023

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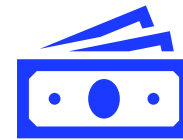


Snapshot

- **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

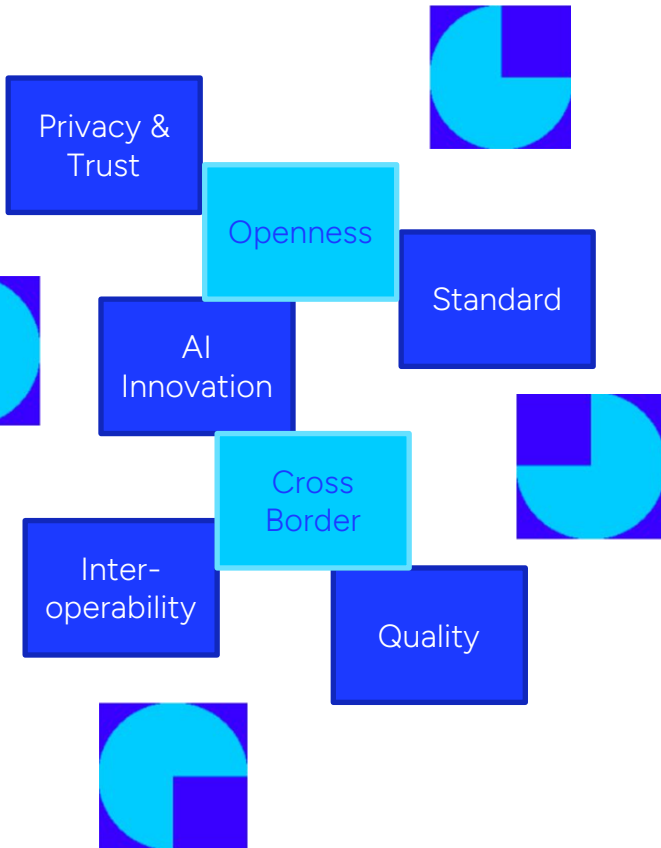
Solution

- 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

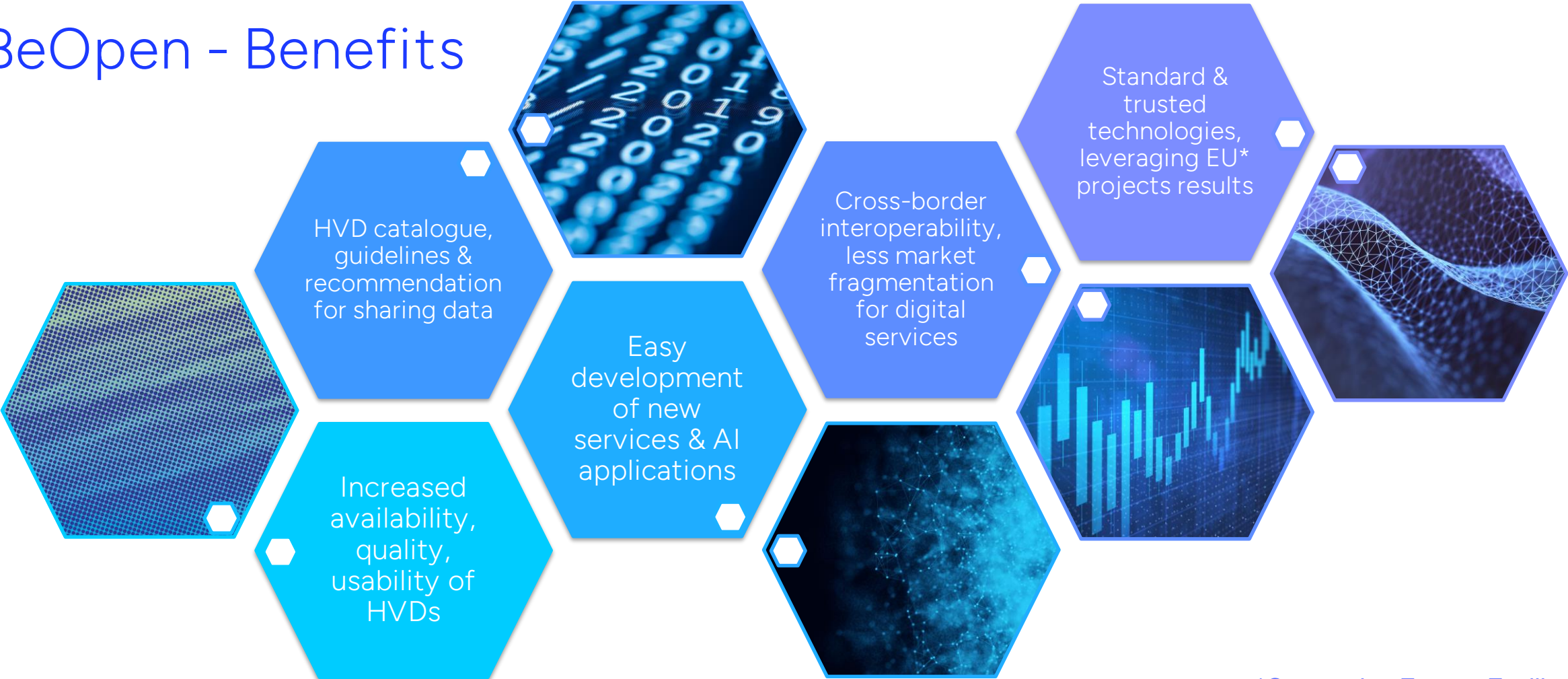
Community of Stakeholders

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

Smart Solutions for cities and communities

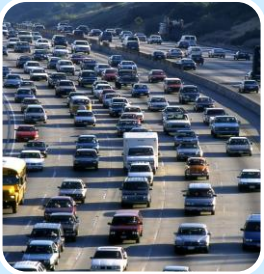
- Replicable services developed using the BeOpen framework and the HVDs made available by the Public Administrations

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

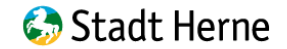


Porto (PT)
Assessing the
impact of
incidents with
urban mobility
data



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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