



## PLATFORM PRESENTATION

The DYDAS project involves the creation of a **platform** capable of handling large volumes of dynamic data, enabling the public sector and industry to **benefit from large-scale data analysis**.

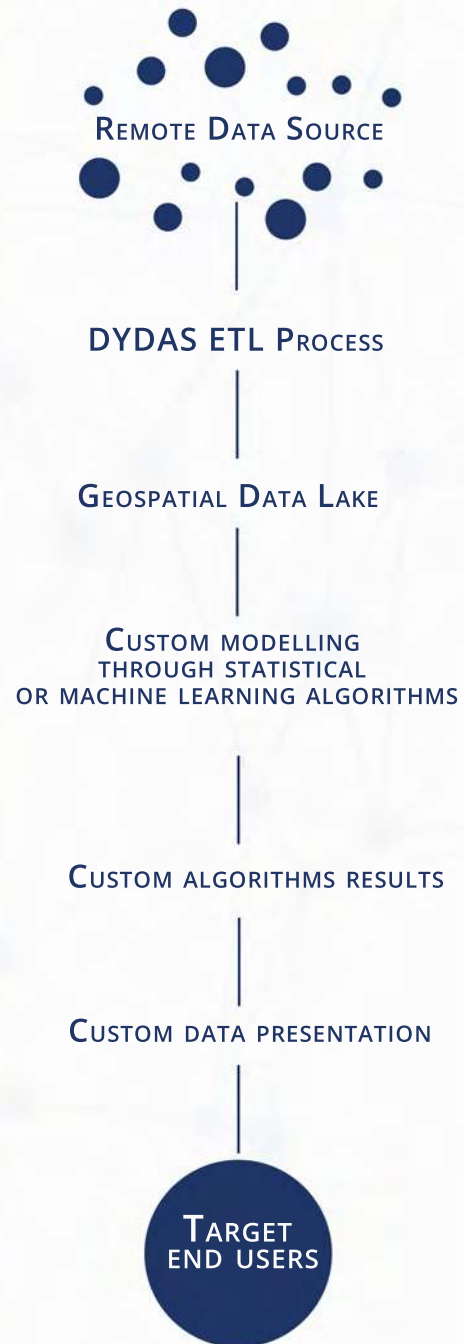
DYDAS promotes the **sharing and re-use** of public and private data in a **secure environment** and through innovative monetization mechanisms.

The platform acts as an **e-marketplace** for data access, and is equipped with **HPC-enabled services based on Big Data technologies, machine learning, AI** and advanced services.

### DATA FLOW MANAGEMENT

DYDAS gathers up data from various sources into the datalake, **ready for processing**.

Data can be analyzed by end users through **custom data modelling** and then results can be observed on advanced **data analytics dashboards** configurable on the platform or through standard **OGC APIs** with any compatible tool.



*Beta version expected in Nov2021!*





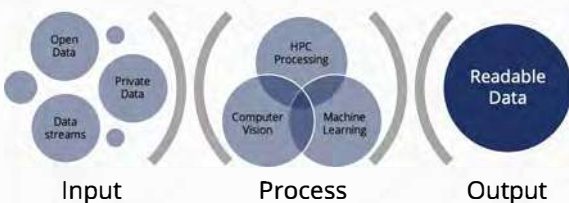
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### DATA PROCESSING HPC INFRASTRUCTURE

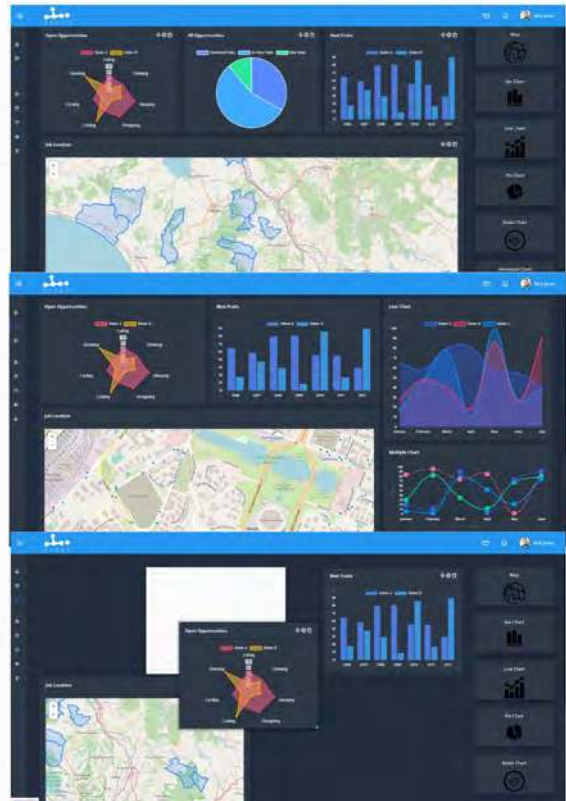
A key factor in data analysis is the expertise to interpret and scattered data into useful information and knowledge that can benefit community and business.

The platform allows to **interact with the data gathered into the datalake**, both open data and private datasets, and develop custom models to obtain readable and ready to use data.

Resulting data can be shared or monetized, and presented through customizable dashboards as a service to clients or community.



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### DATA PRESENTATION

DYDAS platform offers **customizable dashboards**, that can be set by both expert and non expert users, to enable different points of view for data analysis.

Data can be analyzed through **interactive maps**, standard **multidimensional graphs** and **intuitive tools**.





## PLATFORM PRESENTATION

### THE ROLE OF OPEN DATA AND DATA GATHERING.

In DYDAS, Open Data are the basic building blocks that allows users to apply their knowledge and obtain results in specific fields.



POPULATION STATISTICS



SATELLITE IMAGING



EDGE COMPUTING DATA



IoT DATA



IMAGE TAGGING



GEOGRAPHICAL DATA



SOCIAL DATA

Combining Open Data with private data or with other open data, allows users or companies to create their own business based on data analytics or to increase community awareness.

### THE ROLE OF COMMUNITY

The end users can use data to perform analysis, create new datasets, interpolate various data and succeed in getting innovative results.

The resulting datasets can be used both for personal or professional benefit, be shared with the community or be monetized.



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D Y D A S Dynamic Data Analytics Services

## PLATFORM PRESENTATION

### DATA MONETIZATION

Users can share their results with others, use results in their work or monetize them by supplying paid services through the marketplace.

Expertise and knowledge applied on data can produce innovative results that can benefit both the community and the owner of the models or data.

*Beta version expected in Nov2021!*

### FOLLOW US

Official Website: [www.dydas.eu](http://www.dydas.eu)

Linkedin: DYDAS EU

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Location Value

Market Forecasting

Social analysis

Energy

Maritime

Economic Estimates

### PARTNERS



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