

# Project partners

## Coordinator



## Participants



A Data Platform for  
the Connection of  
Cognitive Ports



@DataportsE



/company/dataports



@DataPorts



dataports-project.eu

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# Our Vision

Hundreds of different European seaports collaborate with each other, exchanging different digital data from several data sources. However, to achieve efficient and trusted collaboration and benefit, a new approach is needed. DataPorts will provide a trusted and secure environment for all actors operating in the diverse supply chains involved in European seaports.

**DataPorts aims to create a reliable data platform addressed to port community environments**

## Use Cases

Valencia

Goods tracking  
Transport operations

Thessaloniki

Apps for real-time  
decision and port users

Global cases

Smart Containers  
Port Management

# Cognitive Ports Data Platform

Advanced services for cognitive ports

Data processing  
Data aggregation  
Data acquisition



Smart contracting

Data protection

IIoT

Cloud

PCS, TOS...

Apps & mobile



Port Authority

Shipping agency

Terminal operator

Freight forwarder

The Cognitive Ports Data Platform will connect existing digital infrastructures of seaports and their systems, will set rules on safe and reliable data sharing and trading, and offer powerful services of data analytics and Artificial Intelligence applications.

- Enables the interconnection of a wide variety of systems into a tightly integrated ecosystem.
- Sets the policies for data sharing and trading offering a clear value proposition.
- Provides Advanced Data Analytic services based on novel AI and cognitive applications for the port value chain could develop .