24 November 2020
Digital conference

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APDL – PORT AUTHORITY OF DOURO, LEIXÕES AND VIANA DO CASTELO
APDL Port Cluster

- 20 Million Tons
- 686 Thousand TEU
- 2,775 ocean ship calls, including up to 101 Cruise ships
- Exports to 180 countries (5.7 million tons loaded for export)
- 11% GDP North region
- 6% National GDP
- 11% Employment North region
- 6% National Employment
- 20% Foreign Trade by Sea
LEIXÕES: MULTIPURPOSE PORT

- Container Terminals
- OIL Terminal
- Off-Shore Oil Terminal
- Cruise Terminals
- RO-RO Terminals
- Agri-Bulk Storage
- Marina
- Break-Bulk Terminal
- Solid Bulk Terminal
- Cement Terminal
- Fishing Port
PORT FACILITIES AT VIANA DO CASTELO

- COMERCIAL PORT
- INDUSTRIAL PORT – Enercon factory
- INDUSTRIAL PORT – Shipyard
- RECREATIONAL PORT
DOURO INLAND WATERWAY

- 208 km
- +100 Maritime tourism boats
- +1,2 million passengers in 2018
- +60 maritime tourism operators
- 33,829 ton in 2018
Today

Ports & Inland Waterway

Port Single Gate (3PL + APP Rodovia)

Port Community Systems

Port Single Window (JUP)

River Information Services

JUP DOURO + DIW Portal

[Logos of Port of Leixões, Port of Viana, and Port of DOURO]

[Logo of DOCKSTHEFUTURE]
PORT SINGLE WINDOW (PSW)

PSW is an electronic platform that implements the concept of a virtual one-stop shop. It is a single point where the port entities and economic agents share the relevant information of port processes (cargo and ships).

PORT SINGLE GATEWAY

Access control cargo, vehicles and drivers

- Gate waiting time: 11 min
- Time at port: 45 min

APP RODOVIA

Mobile APP – Customer (Truck driver) engagement
River Information Services

- Fairway Information
- Traffic information
- Crisis management
- Logistics and multimodal information
- Information to be shared with authorities.
Sustainability and innovation projects (partner / case study)

BugWright2: Autonomous Robotic Inspection and Maintenance on Ship Hulls and Storage Tanks
Sustainability and innovation projects (partner / case study)

Port Digital Twin – APDL case

- **3MapsTrack**
  
  Allow real-time tracking of potentially dangerous goods in the Port of Leixões:
  
  - Moving on trucks
  - Parked in the container park

- **GIIP Project - Intelligent Port Infrastructure Management**
  
  Improve the availability of port infrastructure, reducing the total cost of maintenance, through automated and real-time monitoring of the status of degradation of port infrastructure and predictive analysis of its evolution

- **PMIS / SmartWaterWays Project - Automated vessel monitoring**
Network of Excellence

Our expectations regarding the Network of Excellence relate share the knowledge about the best practices in the port industry, innovative ideas, new technologies and the support for policy changes, being the best we can be.
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