COREALIS Valencia Demo/Training Webinar

Port of Valencia LL

Carles Pérez – Valenciaport Foundation

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The Port │ Key figures

Port of Valencia:

- Second Port in the Mediterranean (Container Cargo) with a **5.4M TEU** annual throughput & **81M Tons** (2019)
- More than **1M** passengers traffic (regular lines and cruises)
- More than **5,000 Trucks** calling daily at the Port Gates (One single Port Access) & **Rail share 7.3%**
- Port Hub: **50% I/E** and **50% transhipment**
- Privileged location:
    - WEST MED: Suez-Gibraltar axis
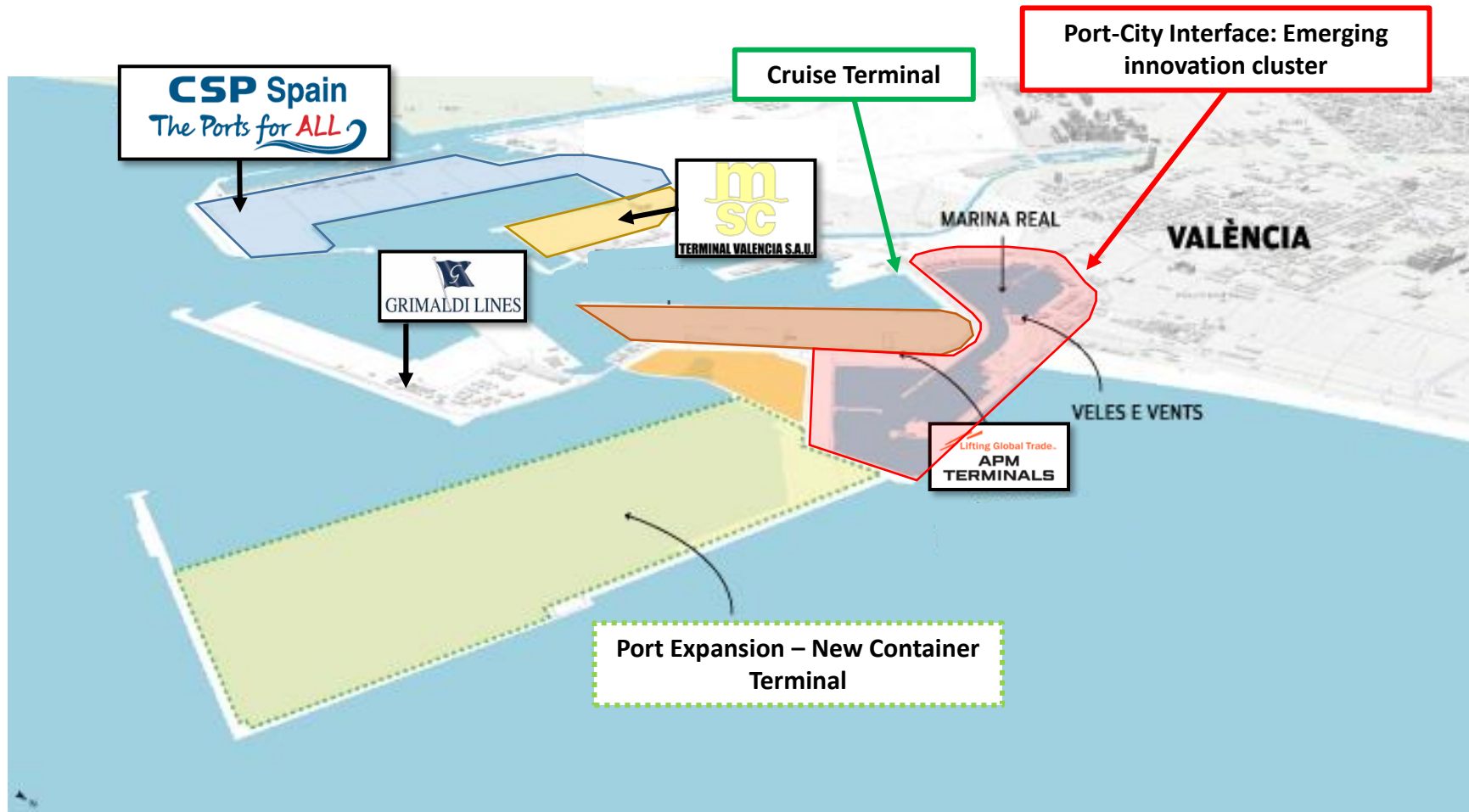   - geostrategic position on the Iberian Peninsula

- **Port Strategies:**

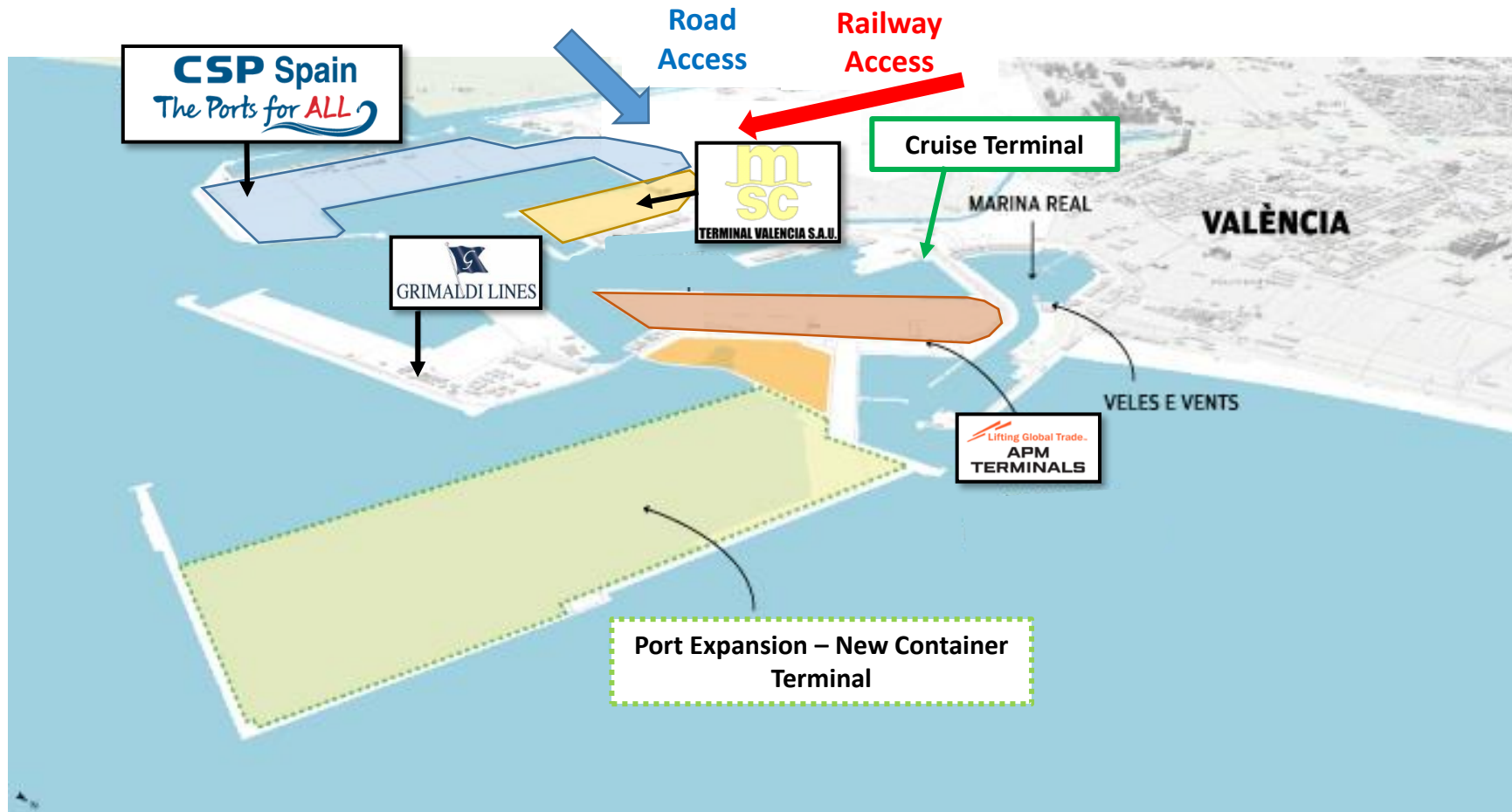 Port 4.0 / Zero emissions / Innovation

The Port | Layout

CSP Spain
The Ports for ALL

msc
TERMINAL VALENCIA S.A.U.

GRIMALDI LINES

Cruise Terminal

Port-City Interface: Emerging innovation cluster

MARINA REAL

VALÈNCIA

VELES E VENTS

Lifting Global Trade.
APM TERMINALS

Port Expansion – New Container Terminal
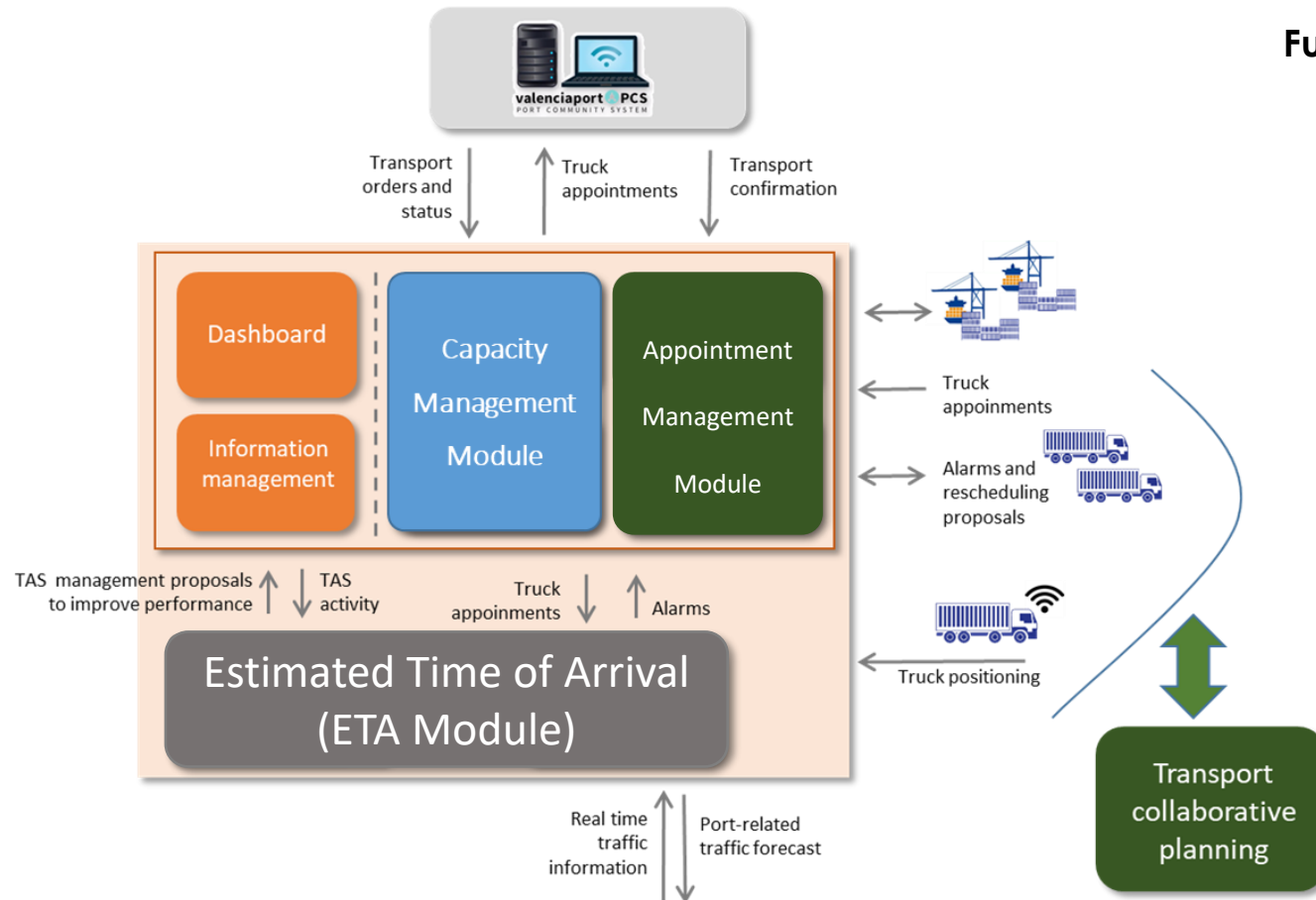
The Port | Connectivity

Road Access

- Southern Automatic gates
- 5,000 trucks per day
- One single road access

Railway Access

- Inland rail terminal
- 35 trains/week
- Trains up to 750m
- **171.250** TEUs/year
- FFCC: 7.3% of Modal Split

Labels on map: CSP Spain The Ports for ALL; GRIMALDI LINES; MSC TERMINAL VALENCIA S.A.U.; Lifting Global Trade APM TERMINALS; Road Access; Railway Access; Cruise Terminal; MARINA REAL; VALÈNCIA; VELES E VENTS; Port Expansion – New Container Terminal

COREALIS Truck Appointment System

Functionalities of the TAS:

- ➢ Dynamic Capacity Management by Container Terminals

  - ▪ Queues (Empty, full, import, export, etc.)

  - ▪ Slots

- ➢ Appointment Management with dynamic rescheduling with real time information

- ➢ Real-time monitoring & information of operations (performance, waiting times, etc.)

- ➢ ETA – Estimated Time of Arrival in real time

  - ➢ Terminal operators

  - ➢ Transport operators

  - ➢ Drivers

Just In Time Rail Shuttle Service

Objective: Elaborate a feasibility Study of an innovative JIT rail shuttle for key port-hinterland corridors (Specific study for one corridor) to **increase the modal split** of the railway for inland transport

Outputs and KPI's

❖ Solution Design & Service Characteristics

❖ Process reengineering & IT functional requirements

❖ Business Models and Market Analysis

Service KPI's

(e.g. Number of Daily Trains, Total TEUs/Tons transported, etc.)

Operational KPI's

(e.g. Modal split, Dwell Time in the terminal, etc.)

COREALIS Innovation Incubator

Objective: Foster the **collaboration** among the **port-logistics cluster and SMEs/start-ups** by establishing new networks and partnership agreements to promote innovation, further digitalization and sustainability in the port-city environment.

Valenciaport Hackathon (November 2020)

Organization of a 1 week event where students, professionals, start-ups & scale-ups tackle challenges within the maritime and logistics sector

- Online format
- 4 Challenges
- 3 Prize winners

www.corealis.eu

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COREALIS EU Project

Corealis_eu

info@corealis.eu

THANK YOU FOR YOUR ATTENTION

FUNDACIÓN VALENCIAPORT

Carles Pérez

✉ cperez@fundacion.valenciaport.com