






# EOPSA

~ EUROPEAN ONSHORE POWER SUPPLY ASSOCIATION ~

# EOPSA – not for profit association



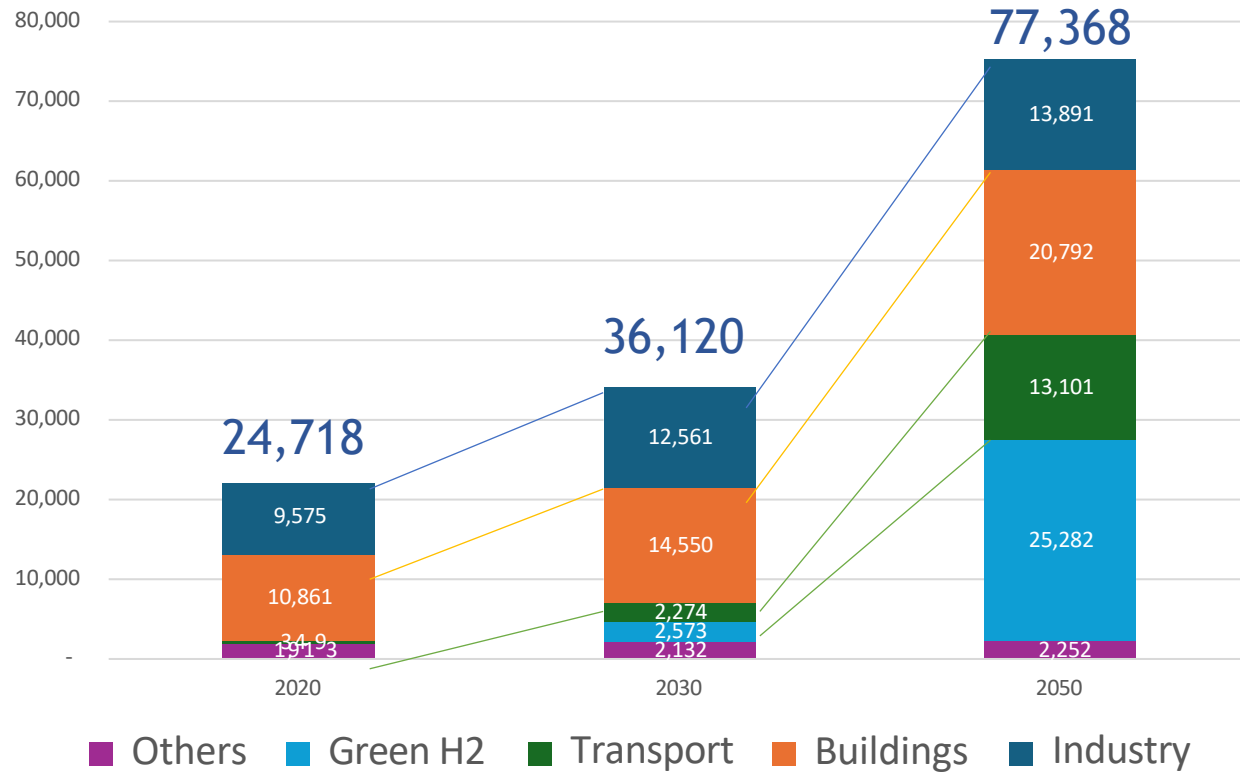
 **Network**       **Inform**       **Represent**

-  **FASTER IMPLEMENTATION**
-  **RECIPROCITY**
-  **INCENTIVES AND CLARITY**
-  **COOPERATION**
-  **STANDARDISATION & INNOVATION**





# Electrifying our economies - impact & need to reach 1.5 target



Where will the renewable industry have an impact?

- (1) Decentralised generation
- (2) VTG / BoatTG / BuildingTG
- (3) Microgrids / Energy Communities
- (4) Grids
- (5) Expertise
  
- (6) Cybersecurity ...



# Global Fleet (\*)

## Global Fleet $\geq$ 5000 GT

<u>Type</u>	<u>#</u> (% global fleet)	<u>MW - OPS</u>	<u>#time@berth</u>	<u>Equivalence</u>
Cruise:	<b>491</b> (0.06%)	<b>12</b>	<b>10h</b>	<b>26K families</b>
Passenger RoRo:	<b>1,141</b> (0.15%)	<b>5</b>	<b>2-6h</b>	
Fishing:	<b>225</b> (0.03%)	<b>3</b>	<b>12h</b>	
Container:	<b>7,687</b> (1.00%)	<b>5</b>	<b>24-48h</b>	
Reefers:	<b>539</b> (0.07%)	<b>3</b>	<b>24-48h</b>	
Others/Aux:	<b>2,588</b> (0.34%)	<b>3</b>	<b>12-72h</b>	

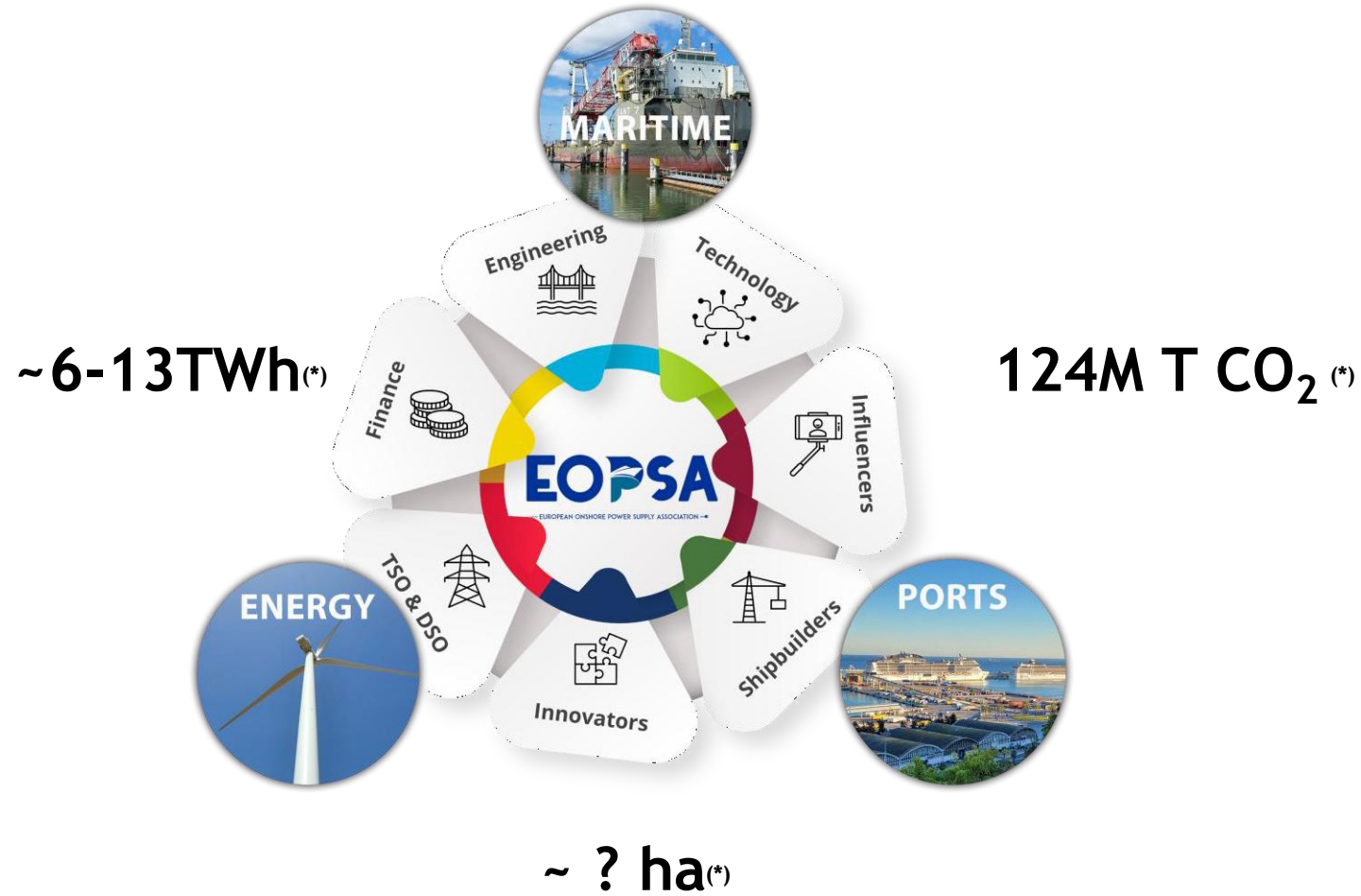
## Global Fleet $<$ 5000 GT

Fishing:	<b>14,888</b> (1.93%)
Other/ Aux:	<b>24,192</b> (3.14%)

Global Fleet  $<$  250 GT = 643,462



# “Deep Translate”



# AFIR

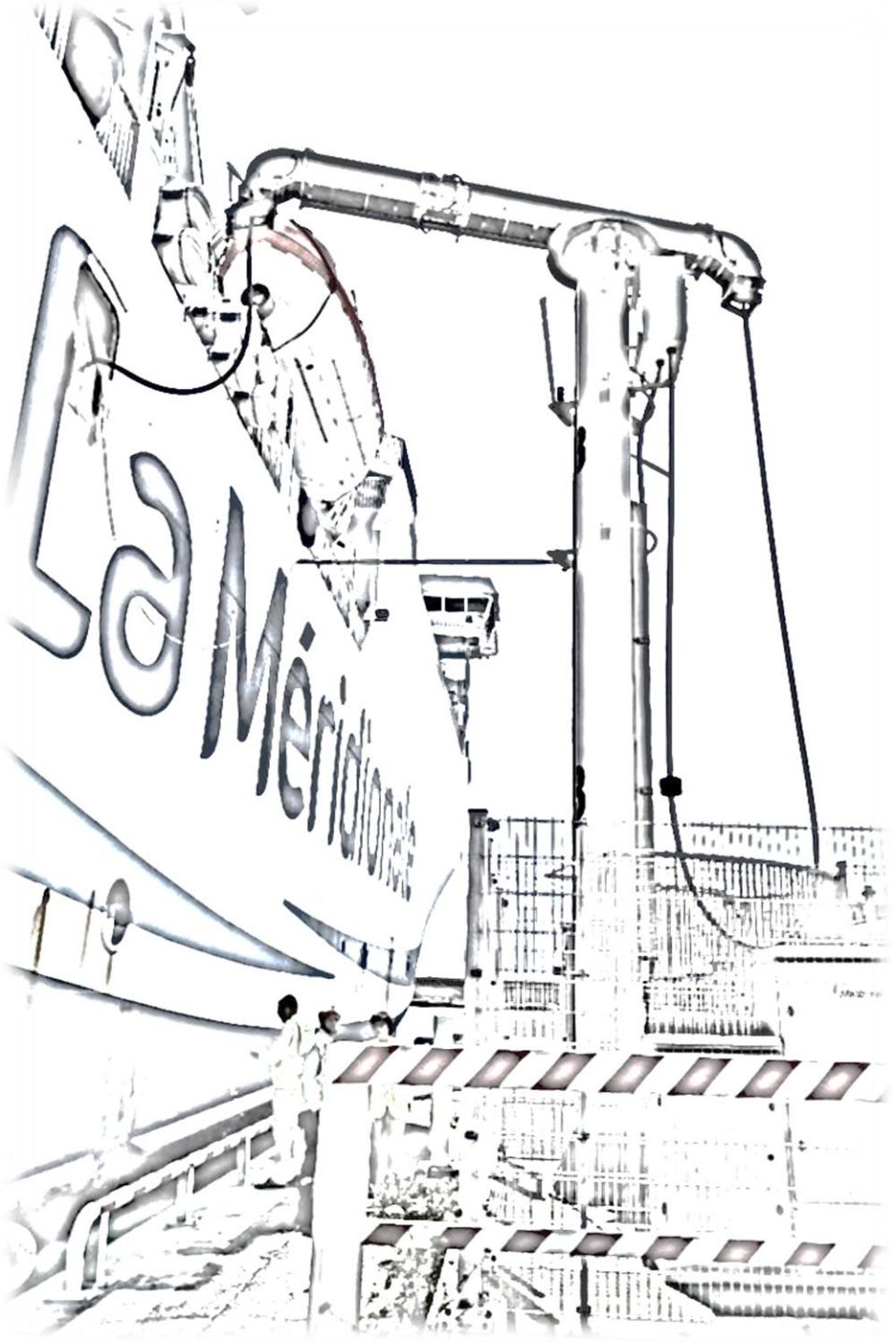
328 Ports in Ten-T  
189 welcome 5000GT cruise, container, other  
~ 100 OPS units (1MW+) in 60 ports  
~ 70 in processes  
5+ years remaining

Catchment: ~ 16K vessels  
Replace: boilers & auxiliaries (i.e. exc. Batteries)  
Average 2h berthing

- ⇒ **+150 MW Power Gen / Port** (I)
- ⇒ **+250 new jobs per port** (II)
- ⇒ **€45Bn Investment Pool** (III)
- ⇒ **Outlook beyond AFIR**





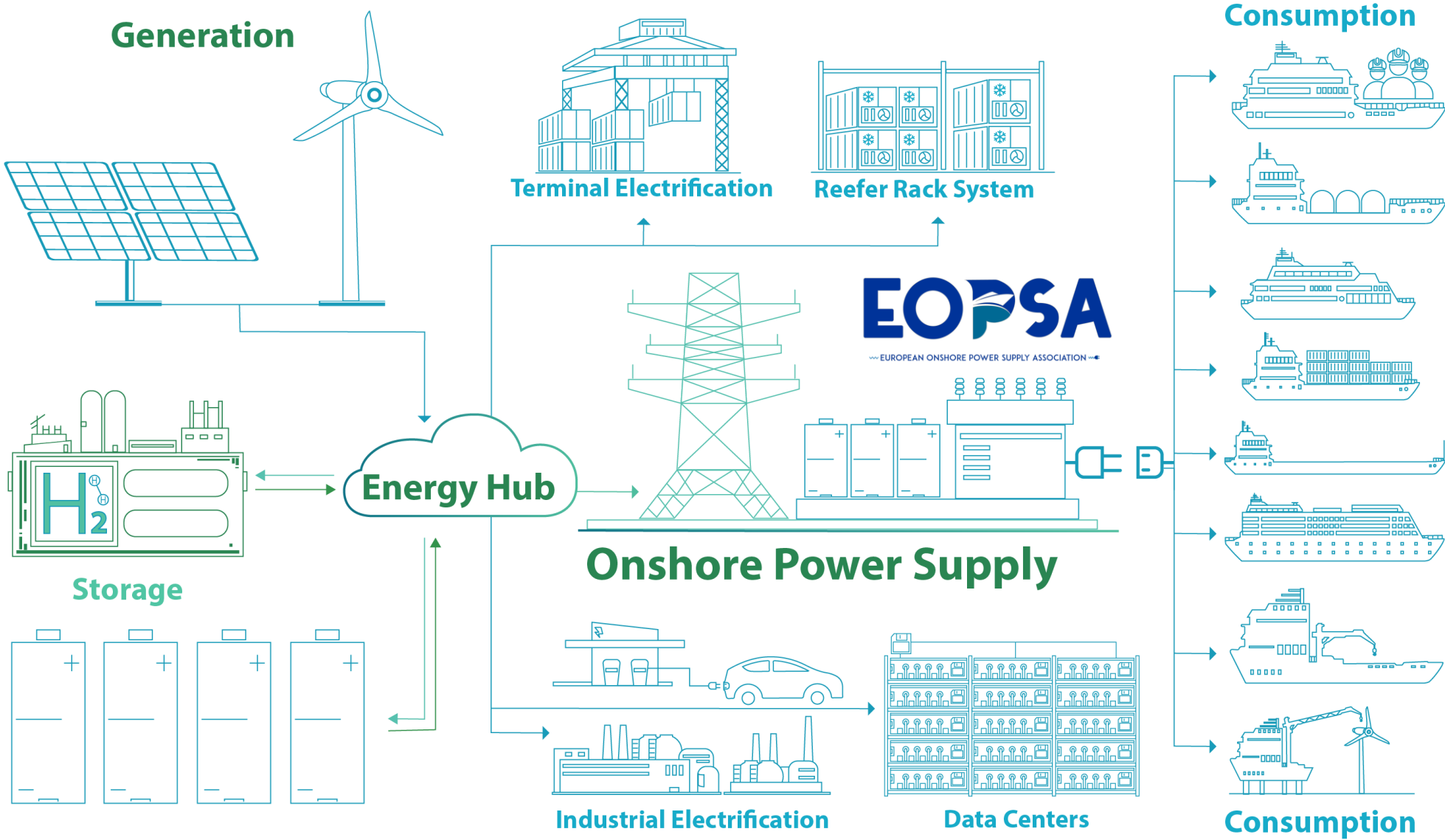


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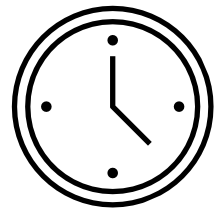
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**Port** ↔ **Energy Hub**  
↔ **Net Zero Acceleration Valley**

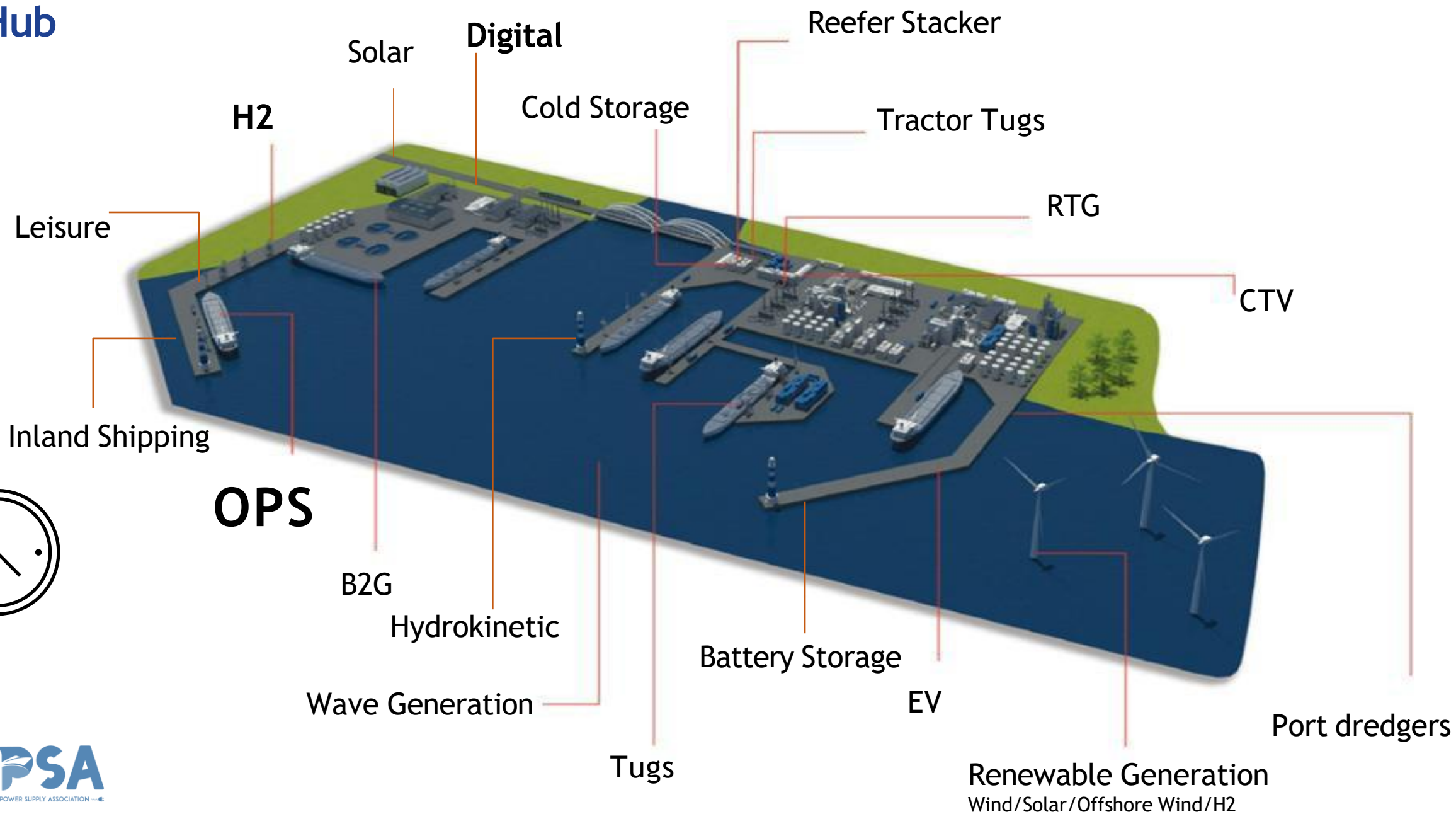
# Net Zero Acceleration Valley



# The Hub



**OPS**



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LET'S GET CONNECTED  
CONNECTED

