

Energy Transition Plan in Port of **TANGER MED**

MEDports Association Technical Seminar Green Transition for Maritime Transport

April 2022



Tanger Med GHG Reduction Commitments



Energy Transition

Increase renewables share in our energy mix



Ships supplied with Green Energy

Increase usage of green technologies



Green Mobility

Develop infrastructure for pull tracks and ships energy supply

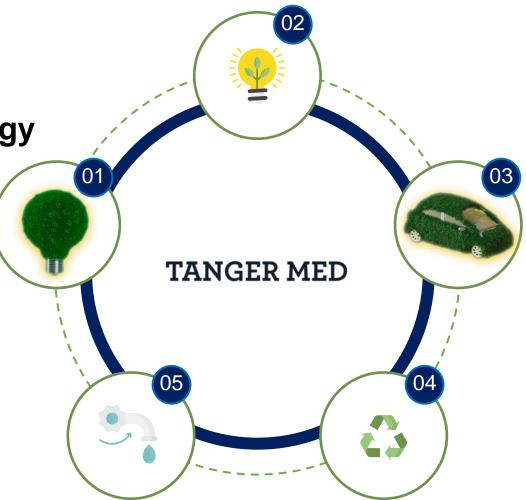


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Recycling Revalue waste and hydrocarbons

Reuse

Irrigate green spaces with treated wastewater





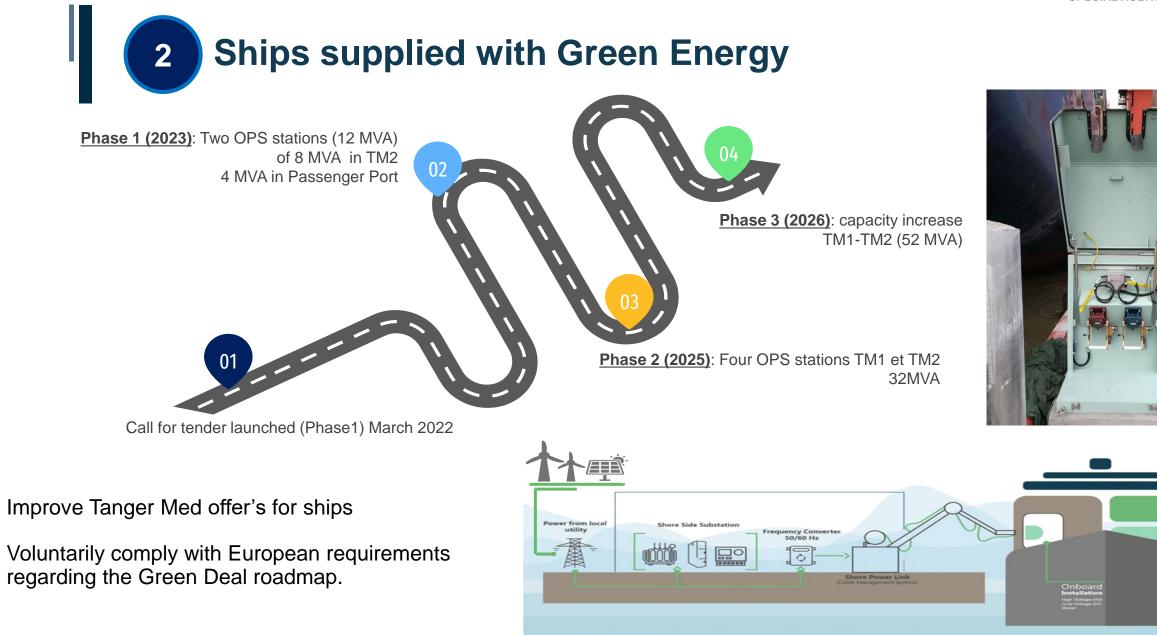


- Wind Park Potential 30 MW
- ⇒ 14 m/s • E = +108 GWh

- Project in construction
- In operation by the end of 2022
- P = 1,4 MW rooftop park
- E = +2,24 GWh

- floating solar park
- P = 45 MWp
- E = +72 GWh
- 1600 MWh/MWp





TANGER MED





Green H2 as a key growth for Morocco

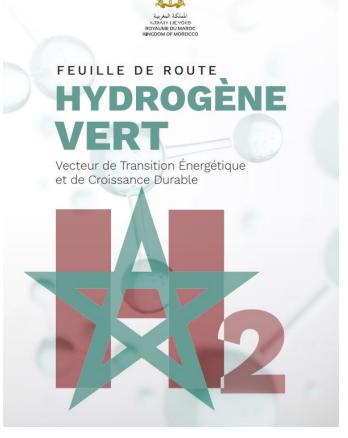
Green Mobility is part of Moroccan Green Hydrogen Roadmap

Green Mobility as part of Tanger Med action plan



Pilot project is under development (Electric vehicles & H2 pull truck)

Mobility with green H2 under study for a pipe of +100 pull tracks



The Moroccan Ministry of Energy Transition and Sustainable Development established a green Hydrogen roadmap in January 2021.





Waste

Tanger Med Utilities planned to recycle 100% of the port complex by 2023

| Hydrocarbons-Sludge

Tanger Med has built a partnership with Sertego to recycle 25000 tons of hydrocarbons waste per year





5

Reuse

m3 treated wastewater reused in 2021 to irrigate +40 Ha of Tanger Med's green spaces