

REDII PORTS

Renewable Energy Development and Intelligent Implementation in PORTS

Implementation site Emden

Organised by Niedersachsen Ports GmbH & Co. KG

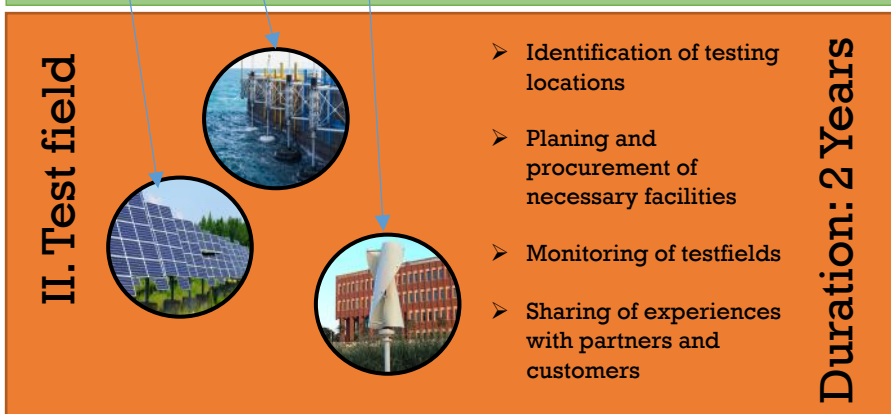
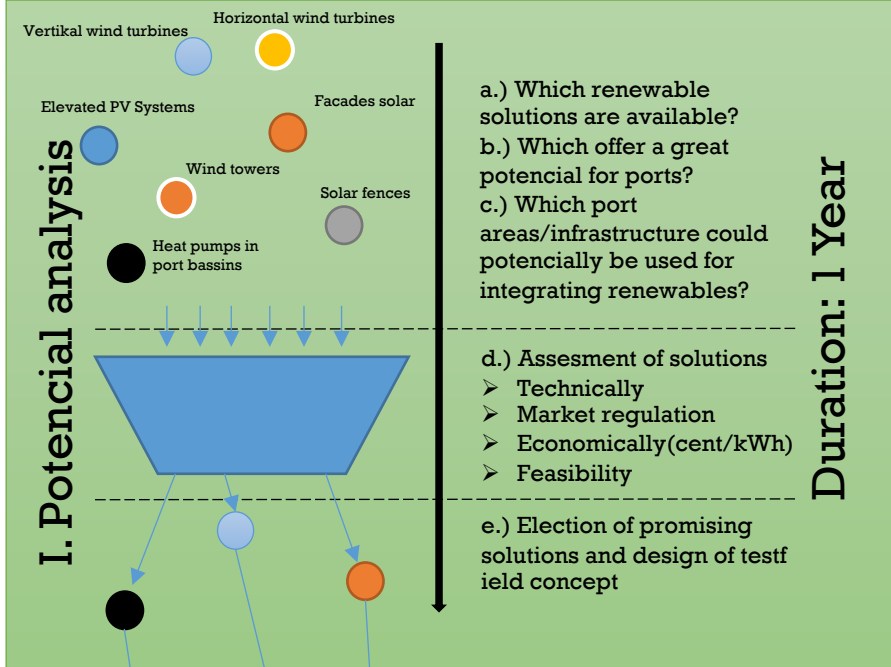
Starting position

- Ports face rising energy prices
- Ports to become climate neutral by 2035
- With rising energy and CO₂ prices, renewable energies that were previously considered "uneconomical" are becoming more attractive
- Larger wind turbines could not be approved in ports so far (distance regulations, noise quotas); larger photovoltaic projects on available roofs require sufficient statics and large investment sums but what are the possibilities beyond that?

Project objectives

- Which renewable energy generation alternatives promise the greatest potential in the port environment with regard to small to medium-sized generation plants?
- How can renewable energy solutions (wind/solar) be optimally combined, stored and integrated into the port environment?
- Sharing the results with clients and project partners

Project structure



EU Interreg Project REDII Ports



Project duration

Start: 01.11.2022
Duration: 3 Jahre

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Projectpartners

14 partner ports along the coast from Norway over Denmark to France

Involvement of customers

- Involving the clients in the project
- Requirements for the study clarified with the clients
- Clients should contribute and implement their own ideas
- Clients receive the results from the study and the field tests

Support through the resource cluster

- The cluster for resource competence is a local association of companies of various sizes & sectors that are committed to climate protection
- The cluster is to accompany the project as a body consisting of energy experts and potential users of the solutions