

# Ports playing a central role in offshore decommissioning activities



Port of Genua  
*Support your business*



University of Applied Sciences

HOCHSCHULE  
EMDEN • LEER

**Interreg**  
North Sea Region  
Decom Tools

European Regional Development Fund



EUROPEAN UNION



# INTRODUCTION

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## Mr. Theis Gisselbæk

- CCO at Port of Grenaa since January 2017
- Furthermore, a long career in the wind industry, in shipping and logistics
- **in** /in/theisgisselbaek/

# Port of Partnerships for a Green World 2025

## VISION

To be the **driving force** for growth and development in society and for the environment - locally, nationally and globally, through partnerships with businesses, networks and authorities.

## SUSTAINABILITY & CSR

Sustainability and CSR are integrated parts of the business of the Port of Grenaa.  
We are using the UN's 17 Sustainability Development Goals as a strategic framework in our sustainability strategy.



## DIFFERENTIATED FOCUS STRATEGY



WIND



ENERGY &  
INNOVATION



STACKING &  
MAINTENANCE



BULK



FERRIES  
& SHIPPING  
LINES



RECYCLE & WASTE  
MANAGEMENT



PROJECT  
CARGO



RENTALS

## ACTIONS 2021-2025

- To work to improve infrastructure on Djursland to streamline the transport chain of logistic-dependent companies.
- Digitilisation and implementation of new technology must help to ensure modern and up-to-date service.
- To collaborate with companies with a global outlook focusing on recycling, environment and carbon-neutral fuels.
- To continue the positive development in the offshore and wind turbine industry by making professional expertise and facilities available.
- To develop facilities and infrastructure on an ongoing basis to maintain efficient and safe distribution of bulk and project cargo.
- To strengthen the relations with ferry and line services in order to contribute to the development of tourism and business in the Kattegat region.

## VALUES

- We perform tasks **professionally** - by having ambitious quality norms in all units and functions.
- We offer **diverse** competencies - by maintaining and developing qualified employees with diverse professional skills.
- We cooperate on the **green solutions** of the future - by sharing experience, networks and facilities.
- We act **proactively** - by venturing new approaches.
- We work **flexibly** - by going out of our way to support the business and ideas of our customers.
- We **lift our local community** - by supporting and developing local initiatives facilitating the good life.



## MISSION

As one of Denmark's largest commercial and industrial ports, our mission is to ensure optimum access for companies to the blue motorway. This must be achieved on a sustainable basis - financially, environmentally and socially. In this way, we further business development and create meaningful jobs to contribute to growth in Norddjurs Municipality and the entire Region Midtjylland.

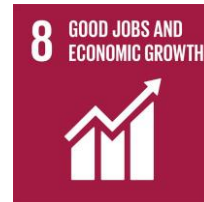
# Port of Partnerships for a Green World 2025

## SUSTAINABILITY STRATEGY

Ten per cent of the Port of Grenaa's profit is used for a **sustainable transition** within our strategic focus areas



## STRATEGICALLY SELECTED SDGS



### BUSINESS SUSTAINABILITY

We want to offer our customers and partners sustainable solutions, strengthening their core business.

- Conversion to **green power** in the entire port (goal 100%)
- **Power measurements for all customers** in the port to ensure a more sustainable use of the customers' electricity consumption (goal 100%)
- New **container system** for the port's waste management  
A test container will be implemented in 2021  
(goal to be extended to the entire port in 2025)

### ORGANISATIONAL SUSTAINABILITY

Our organisation leads the way with good sustainable examples, both in terms of competency development, recycling and social responsibility.

- New **health scheme and training pool** for employees (the goal is to use 85% of the pool funds)
- New **sustainable procurement policy**. We ensure at least one sustainable alternative in each tender round (the goal is for one-third of all purchases to be sustainable by 2025)
- New **waste management system** internally in the company  
Must be visually and managerially consistent with the port systems
- Conversion of the company's fossil vehicle fleet to **electric or hybrid cars** (goal 50%)
- We want our organisation to reflect society in terms of age, gender and education

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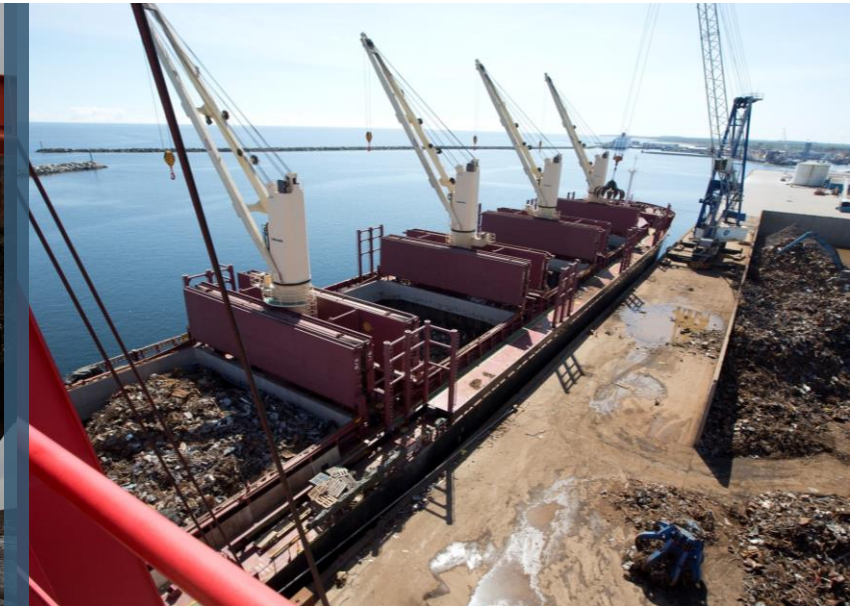
## PRE- ASSEMBLY



## SHIP RECYCLING

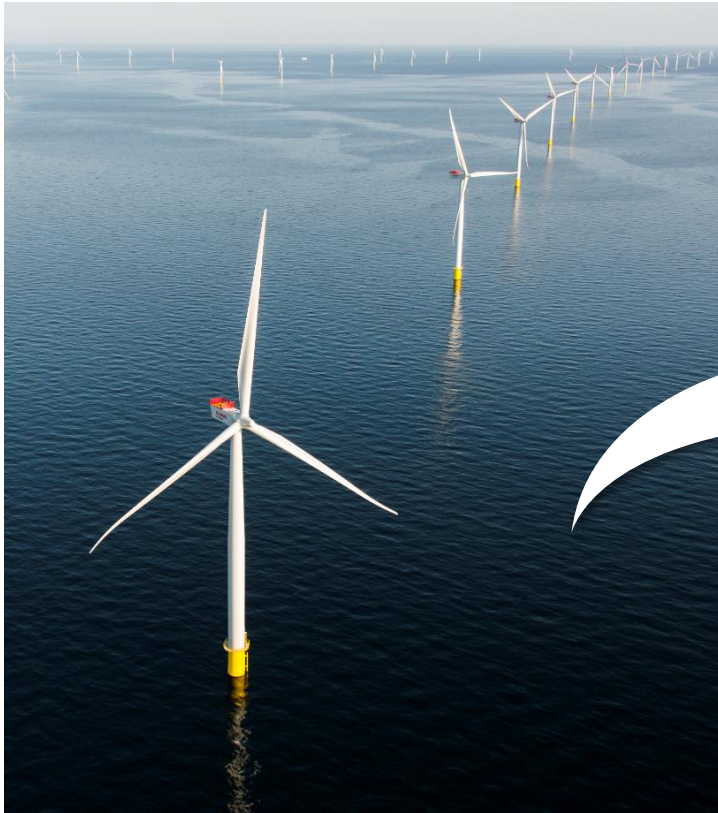


## METAL RECYCLING





## OFFSHORE WIND FARM



## PORT OF GRENAA



## FLOW OF MATERIALS

<i>Component</i>	<i>Material</i>
<b>Rotor</b>	<ul style="list-style-type: none"><li>▪ Cast iron</li><li>▪ Steel</li><li>▪ Fibre glass</li><li>▪ Epoxy</li></ul>
<b>Tower</b>	<ul style="list-style-type: none"><li>▪ Steel</li></ul>
<b>Nacelle</b>	<ul style="list-style-type: none"><li>▪ Aluminium</li><li>▪ Copper</li><li>▪ Magnet</li><li>▪ Steel</li><li>▪ Cast iron</li><li>▪ Fibre glass</li></ul>

# Supply chain | Conditions | Influence | Infrastructur



# Fornæs Ship Recycling

- Decommissioning and recycling
- All metals are recycled
- Spare parts and equipment are up for sale and in demand





# Upgrades of wind turbines

- Blades
- Nacelles
- Towers



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