

**Interreg**  
North Sea Region  
**Decom Tools**  
European Regional Development Fund



## NEWSLETTER

### Dear reader,

This is the latest version of the newsletter from the DecomTools project, a EU project funded by the European Union's [Interreg North Sea Programme](#).

In this newsletter you will find information about the newly launched reports and papers in the project.

First of all, you can read the paper: [Cost and Emission Analyses of Decommissioning of Offshore Wind farms using reverse installation methods](#) introducing you to the cost and emission of OWF decommissioning projects in the North Sea Region.

Secondly, you can read the [two reports highlighting the importance of addressing the questions of infrastructure or qualification](#) in time, to assure the sufficient preparation time.

📌 **Last but not least, you can read about our two events in September**

**07.09.2022:** [Wind Recycling Concepts // DecomBlades and DecomTools Conference, Denmark](#)

**28.09.2022:** [DECOM Tools Policy Dialogue: Sustainable decommissioning of offshore wind parks – challenges and perspectives in the light of Circular Economy principles, Brussels, Belgium](#)

**We hope you will enjoy your reading**



## Cost and Emission Analyses of Decommissioning of Offshore Wind Farms Using Reverse Installation Methods

Offshore wind farms (OWFs) play a key role in the international roadmaps towards the global net-zero goal.

Although the development of offshore wind can significantly reduce the emissions in the energy sector, there are serious concerns about the environmental and economic impacts of OWF projects.

The current experience highlights the fact that the OWF decommissioning is a real challenge on the horizon of European countries and should be properly addressed by involved parties. A holistic assessment of OWF decommissioning projects requires comprehensive cost and environmental impact analyses to facilitate the decision-making process for the developers and policymakers.

A newly launched report sets focus on the cost and emission of OWF decommissioning projects in the North Sea Region. The report tries to develop efficient cost and emission analyses based on the available data and experience. To show the challenge of data absence, a set of future OWF decommissioning case studies are investigated in terms of the costs and emissions.

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## Requirements for infrastructure and qualification

Climate change and transition away from fossil fuels is one of the major challenges of our generation. The demand for wind energy rises meaning that there will be an expansion of offshore wind energy in Europe, particularly in the North Sea due to its favorable conditions and no infringement in land usage.

The number of turbines installed yearly needs to double by 2025 and with increasing size of turbines and complexity of the projects. This means, that we need to look at the commissioning of new turbines at the same time as on the question of decommissioning end-of-life offshore wind farms.

Accordingly, questions of infrastructure or qualification, which have a long lead time, need to be addressed now to have sufficient preparation time.

Two reports have been finalized recently regarding the qualification and infrastructure requirements.

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## Wind Recycling Concepts // DecomBlades and DecomTools Conference

**Date:** Sep 7, 2022 from 9.30 - 15.00

**Venue:** Esbjerg Konference & Event, Gl. Vardevej 82, 6700 Esbjerg, Denmark

**Language:** English

Join our Conference on Wind Recycling Concepts and meet stakeholders from different sectors working within the field of decommissioning in the wind industry.

We have gathered experts from universities, industries, and ports to assure an all-around approach of the topic. The conference is hosted by the two projects DecomBlades and DecomTools funded by Innovation fund Denmark and Interreg North Sea.

During the conference you will gain knowledge of the different decommissioning processes such as:

- Shredding and pyrolysis of blades
- The legal framework regulating the decommissioning possibilities
- The role of the ports in decommissioning processes

Furthermore, we will present an Use case scenario of 30 LM 48.7m blades located at the Port of Esbjerg

We will have breaks and break out-sessions during the day, which will assure you having plenty of network possibilities meeting stakeholders from the whole value chain.

**Click "Read more" to see the full programme and to sign up**



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## DECOM Tools Policy Dialogue: Sustainable decommissioning of offshore wind parks - challenges and perspectives in the light of Circular Economy principles

**Date:** 28.09.2022 from 11.15 - 14.30

**Venue:** Joint Representation of the Free and Hanseatic City of Hamburg and the State of Schleswig-Holstein to the EU, Avenue Palmerston 20, B - 1000 Brussels

Click "Read more" to see the full programme and to sign up

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