



# Ørsted's Biodiversity Programme

**Our vision of Net Positive Offshore Energy**

**Ulrik Stridbæk, Vice President • Group Regulatory Affairs**

**October 19<sup>th</sup> 2022**

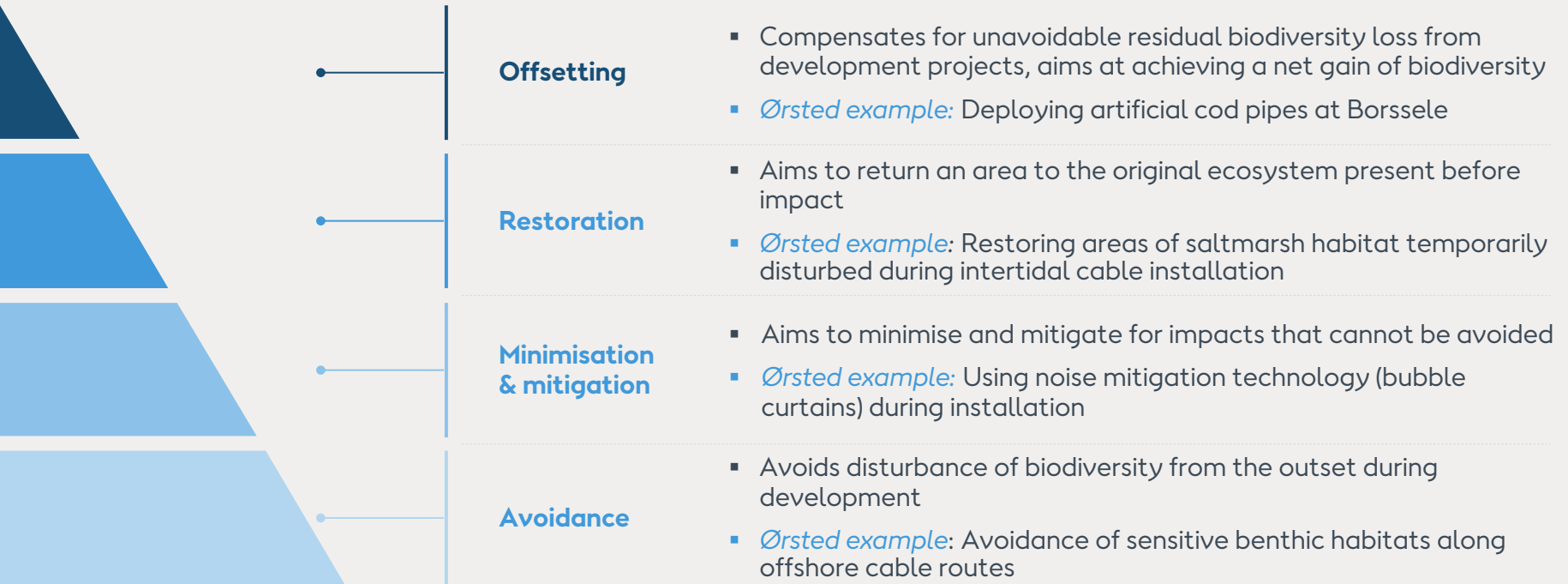


# Our biodiversity ambition

As part of Ørsted's new 2030 strategy, the company has set **the ambition to deliver net-positive biodiversity impact in all renewable energy projects it commissions from 2030**, strengthening the green energy build-out in balance with nature



# The mitigation hierarchy is core to the way we work



# 2030 Ambition and we've already started



## Borkum Riffgrund 2

Bubble curtains were deployed during installation of the monopile foundations, **helping protect marine wildlife**

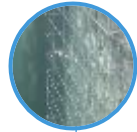
2018

2020

Installation of four **purpose-built cod artificial reefs** to improve habitat



Borssele



Collaboration with WWF to install **10 biohuts** at Port of Grenaa to shelter to juvenile fish

2021

As part of their DCO, Ørsted's Hornsea 4 project has committed to **restore 30 Ha of seagrass beds – one of the largest such projects in the world**



Hornsea 4



Launched global ambition for **Net Positive Impact** on biodiversity at all projects commissioned from 2030

2022

Ørsted and WWF Denmark have deployed 12 **3D-printed reef structures** on the seabed in the Kattegat



Anholt



Ørsted announced **£2.8m seascape restoration project** in the Humber estuary in the UK



An aerial, top-down view of a turbulent ocean. The water is a deep, dark teal color, with intricate, swirling patterns of white foam and lighter blue-green water. The waves are breaking and churning, creating a complex, almost abstract texture. The lighting is bright, highlighting the white foam against the darker water.

**Thank you**

# The challenges in achieving our ambition



Understanding our current biodiversity footprint and how this can be measured



Delivering net positive in dynamic marine ecosystems



Increase in initial investment



Managing stakeholder expectations and views in the multiple markets we operate



Adapting to the changing policy landscape



Potential conflict with other sea users

# How we'll go about meeting our net positive ambition by 2030

