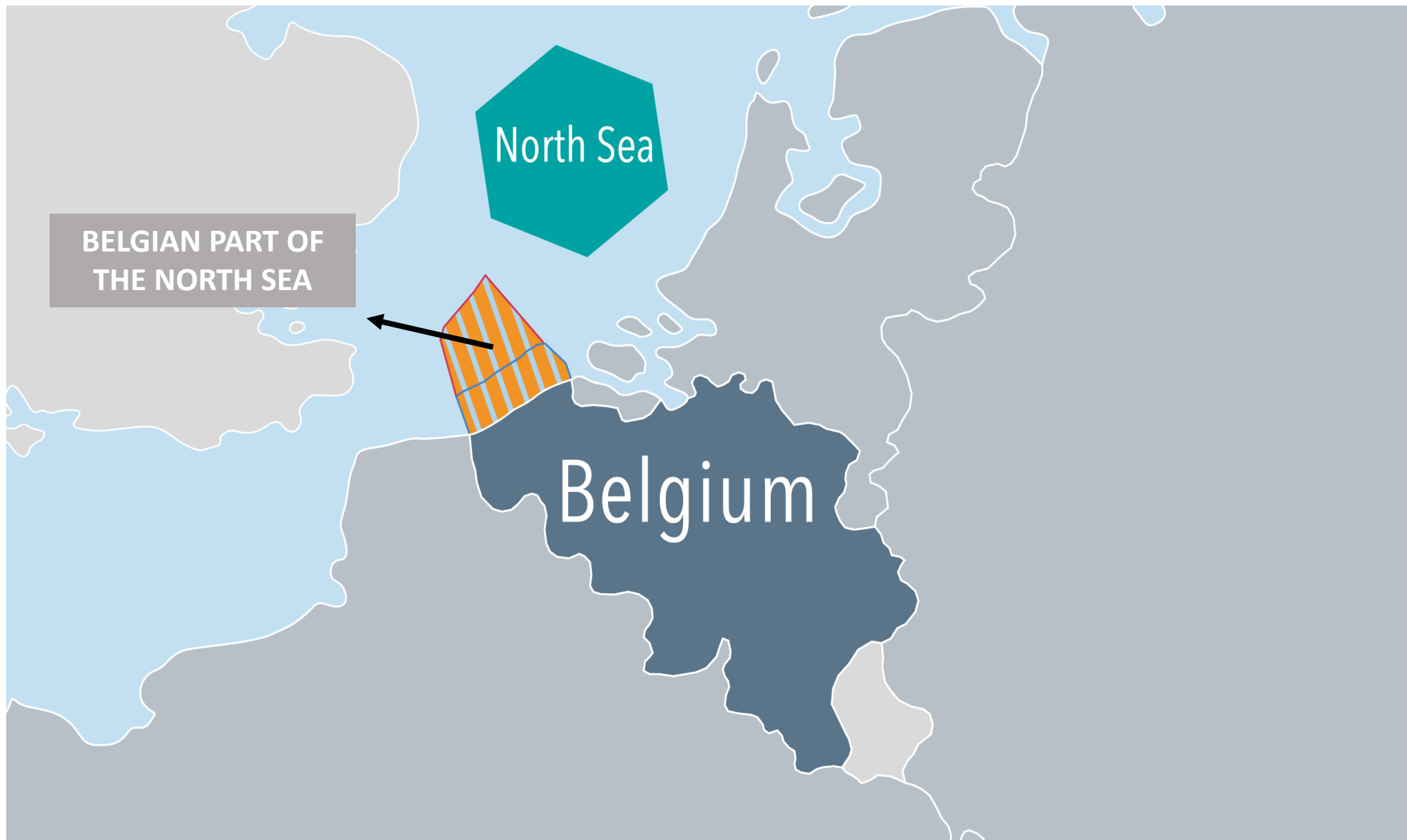
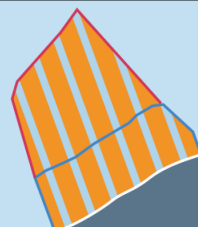




North Sea



Belgium

OVERVIEW MAP

FISHING ALLOWED EVERYWHERE
WITH EXCEPTION OF THE OFFSHORE
WIND FARMS

SHIPPING ROUTES

MARINE PROTECTED AREA
'VLAAMSE BANKEN'

ZONES FOR COMMERCIAL AND
INDUSTRIAL ACTIVITIES

BIRD PROTECTION AREAS

TEST ZONE FOR COASTAL DEFENSE

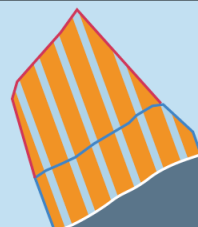
ZONES FOR RENEWABLE
ENERGY

EXTRACTION AREAS

MARINE PROTECTED AREA
'VLAKE VAN DE RAAN'

Challenge:
crowded area
(each colour
= different user)

North Sea



Belg

Challenge :
Aquaculture under
harsh conditions



The challenges :

- **Crowded area**
 - **High energetic North Sea**
 - **Few proven aquaculture technologies for offshore applications**
- **High costs**





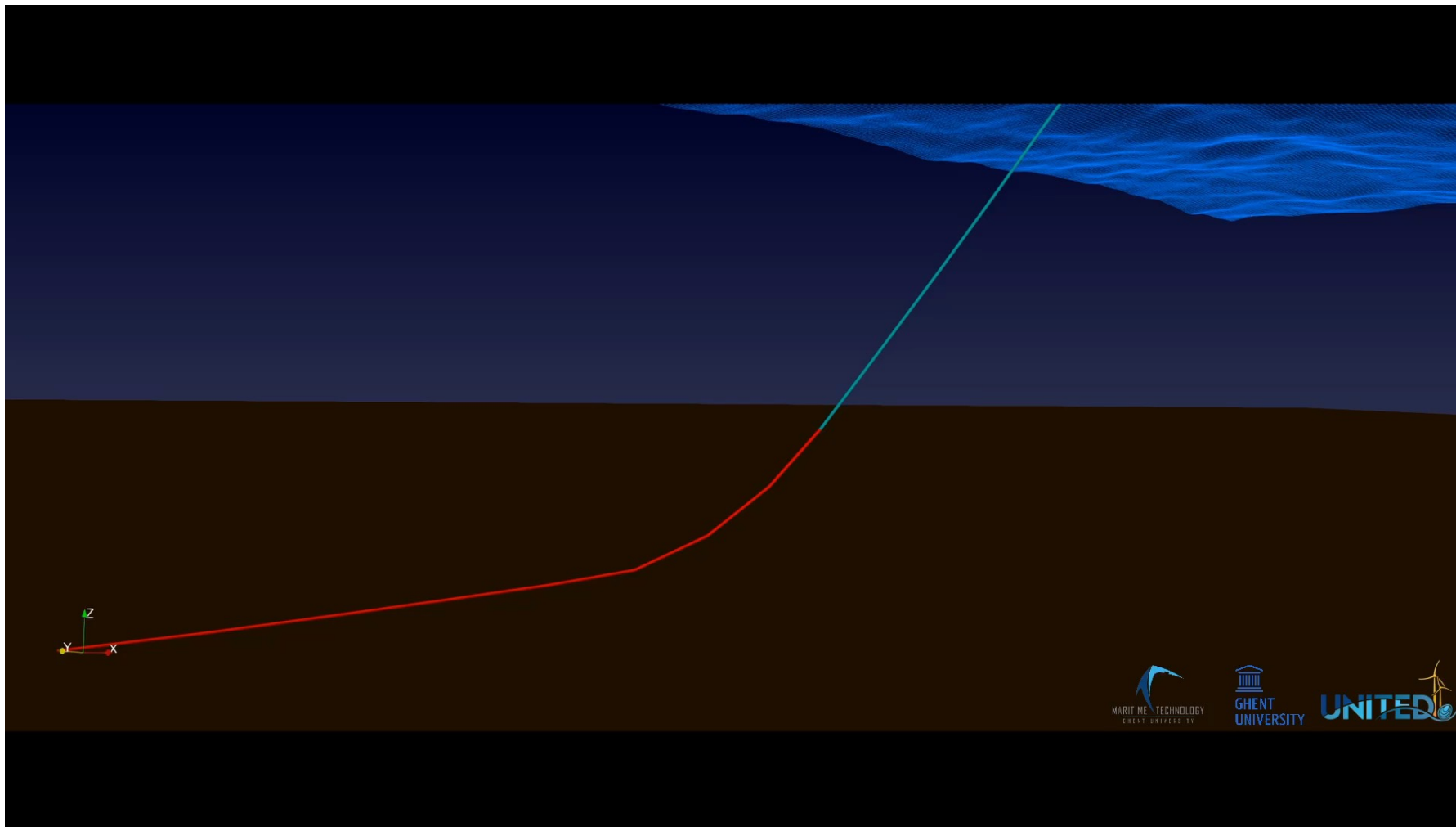


The opportunities :

- **Design of aquaculture structures**
- **Technical revolutions for aquaculture installation offshore**
- **More efficient use of space and resources**



Adapted-MoorDyn simulations outputs as KER in UNITED



Screw anchor installation...



KER



TRL 7



Screw anchor installation... ...to install aquaculture structures



Pioneering : first time to combine oyster & seaweed production with sustainable wind energy



We offer:



- **Expert consulting services**
 - Environmental and cumulative impact assessments
 - International law and insurance aspects
- **Technology transfer**
 - Optimised vessel layout
 - Longline design
 - Screw anchor design and installation





Interesting for:

- **Demonstrator offshore**
- **Design aquaculture longlines**
- **Installation in high energetic environment**





Contact us

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