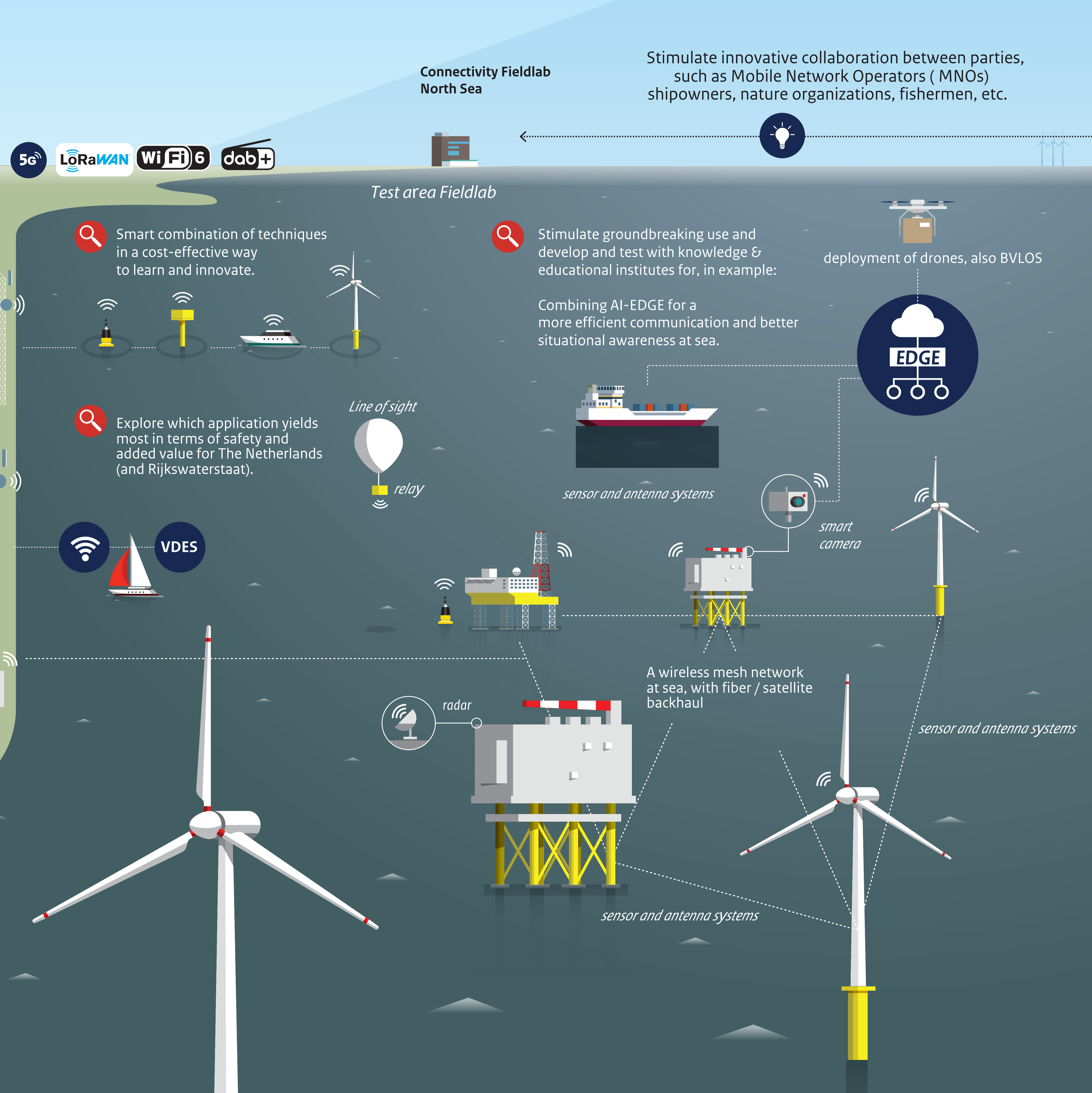


# Connectivity Fieldlab North Sea

Boosting Maritime Digital Connectivity

## What is the purpose of the Fieldlab?

In this community validation lab, wireless technologies are tested at sea! The trigger to setup a fieldlab is the urgent need for digital connectivity, partly due to a more and growing intensive use of the North Sea.



Stimulate innovative collaboration between parties, such as Mobile Network Operators (MNOs) shipowners, nature organizations, fishermen, etc.

## What do we need?

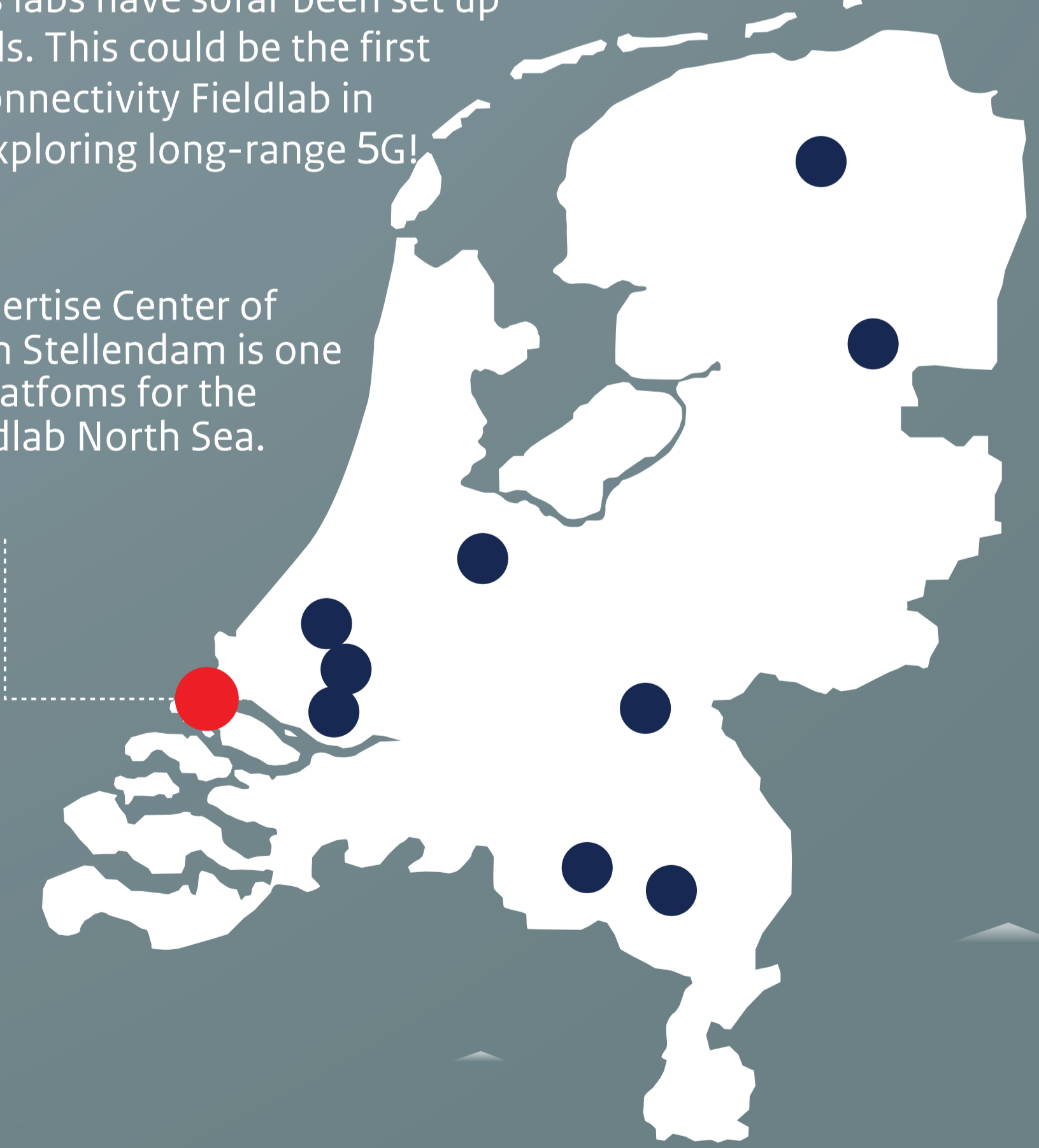
Collaboration between different stakeholders:

- Energy sector
- Existing Field labs
- Government Agencies
- Research & Education
- Seaports



Nine 5G Fieldlabs labs have sofar been set up in the Netherlands. This could be the first maritime multiconnectivity Fieldlab in the world, also exploring long-range 5G!

The Offshore Expertise Center of Rijkswaterstaat in Stellendam is one of the possible platforms for the Connectivity Fieldlab North Sea.



## Wat does it yield?

**5G**  
Flying start with Mission Critical Connectivity at sea with 5G and hybrid technology solutions (multi-connectivity).

A future-proof and flexible scalable sensor network at the North Sea.

The first fieldlab in the world to gain knowledge and experience of digital maritime connectivity.

Opening up digital access to the North Sea for modern solutions, such as edge computing, smart camera's, e-Navigation and smart shipping.