



**COMPLETE WIND FIELD  
CONNECTIVITY**

**Wind Energy**



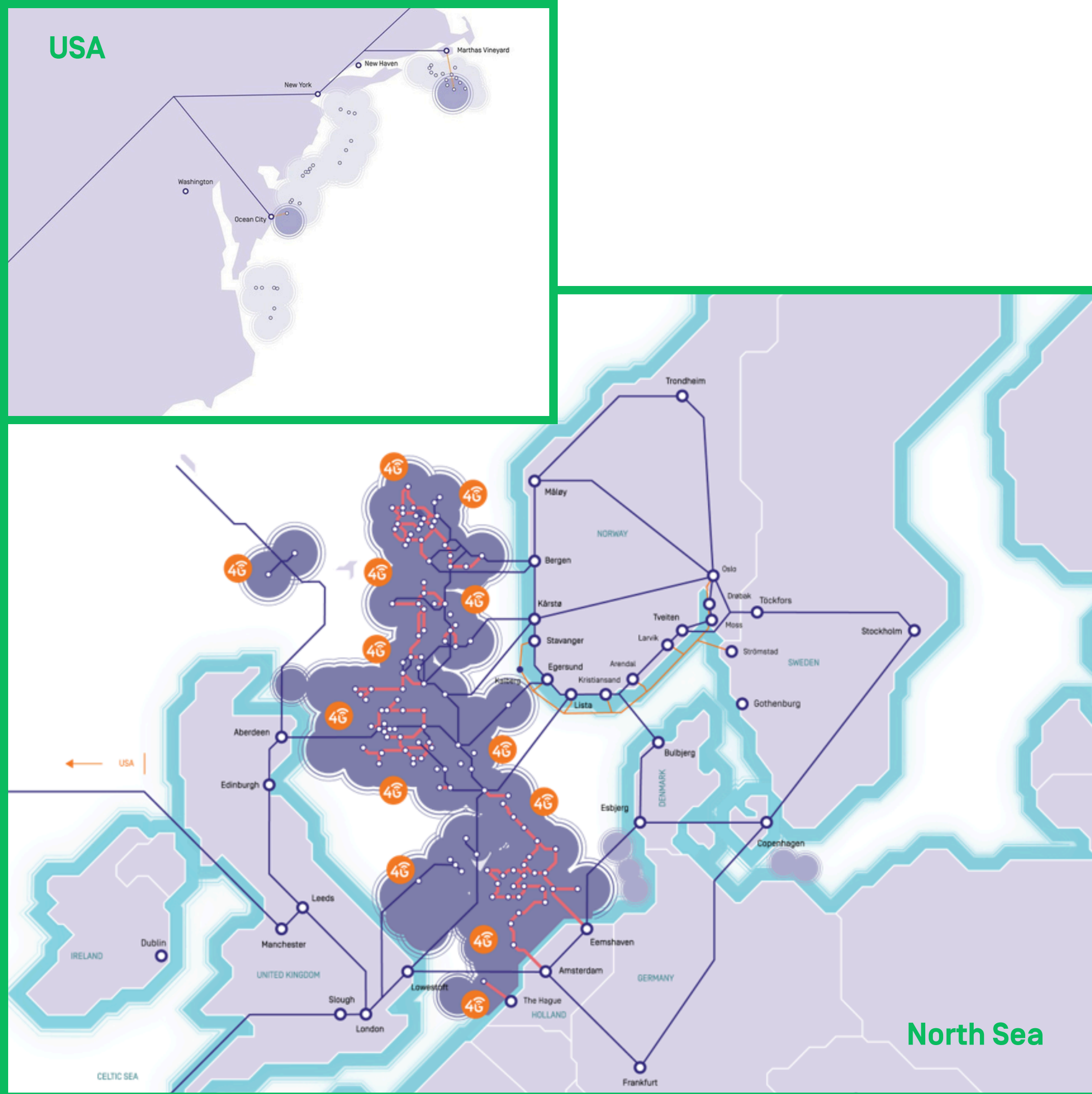


## **The Most Reliable Connection**

Tampnet ensures reliability through our comprehensive suite of telecommunication solutions, from our extensive mesh network of subsea optical fibre providing redundant backhaul routes, as well as our ever-expanding 4G/5G coverage, Line-of-Sight radio links and LEO satellite services.

Marine vessels traversing our coverage region benefit from our 4G/5G network. When outside of our network, LEO satellite services are available to keep you connected.





## Trusted and experienced

Tampnet owns and operated the world's largest fibre and LTE network. Originating in offshore Oil & Gas, our network is built to meet the most stringent quality and reliability standards, and withstand the harsh offshore environment.

We are dedicated to supporting the energy transition, with proven experience in providing coverage to Offshore Wind farms, OSV's and crew to enable digitalisation for efficient and sustainable operations.

We implement the latest technology to ensure secure, reliable and scalable solutions to meet demands now and into the future.

# OFFSHORE WIND FARMS

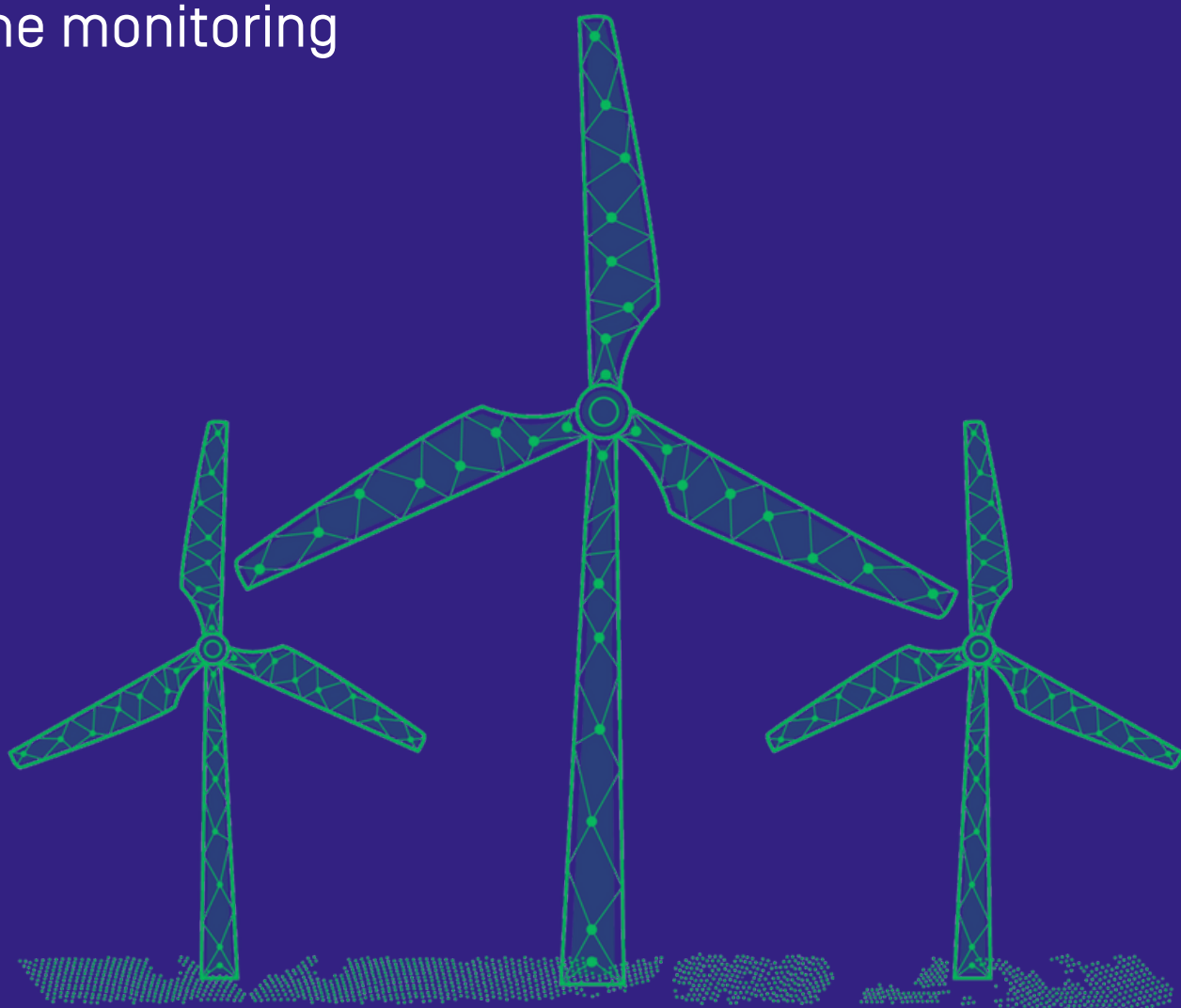
Tampnet connects offshore wind farm assets with subsea fibre optic cables, providing high-capacity connection.

Through installing our base stations on fixed assets, we provide full 4G LTE coverage for the entire wind farm area.

Further internal coverage is provided to enable the use of IoT technology for planning, inspection and maintenance tasks.

## Our customers benefit from

- Unrivalled service
- 24/7 network monitoring and support
- Private network and managed services
- Connectivity for contractors and crew
- Remote management and collaboration
- Cable installation and engineering
- Redundancy solutions
- Online monitoring





# DIGITALISE OPERATIONS WITH ON ASSET COVERAGE



## **Structural Monitoring**

- Corrosion under insulation
- Vibration in mechanical components



## **Plant/Rotating machinery**

- Condition monitoring
- Predictive maintenance



## **Connected worker**

- Wearable safety technology
- Remote collaboration
- Real-time access to resources and data
- Digital work flows



## **Asset monitoring**

- Dynamic positioning of vessels
- Mobile asset tracking
- Autonomous operations



## **Crew welfare**

- Connect with family and friends on personal devices
- Improve work environment
- Support crew mental health
- Online training and up-skilling
- Attract and retrain personnel



# SERVICES



## **Connected platform**

We connect offshore wind farms and platforms with Point-to-Point fibre, Point-to-Multipoint [Offshore LTE] and with Line-of-Sight radio links. Our high capacity and low latency gets your windfarm online and enable remote control.



## **Marine coverage**

We provide offshore coverage for windfarms, SOV's and construction vessels. Service vessels can make use of our offshore coverage area reaching far out from the installations. High-capacity and low-latency 4G or NB-IoT.



## **Indoor coverage**

In most cases our 4G and NB-IoT marine coverage also works inside living quarters, towers and substations. If not we install antennas to provide internal coverage to make sure everybody working indoors is connected.



## **Digital services**

We enable your connected workers to use their smartphones, tablets and wearables. We enable monitoring with sensors and get your data to the cloud. We offer security services that protect you from digital threats and cyber-attacks.



## **Mobile data & voice**

You can roam on our offshore network. Data streaming, text and talk. Work or leisure. Easy to get started with Tampnet e-sim.



## **Engineering & construction**

If you want to connect offshore installations with fibre optic cables we can do the engineering work for you. If you want a complete fibre-turn key project, we can do that for you too.





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