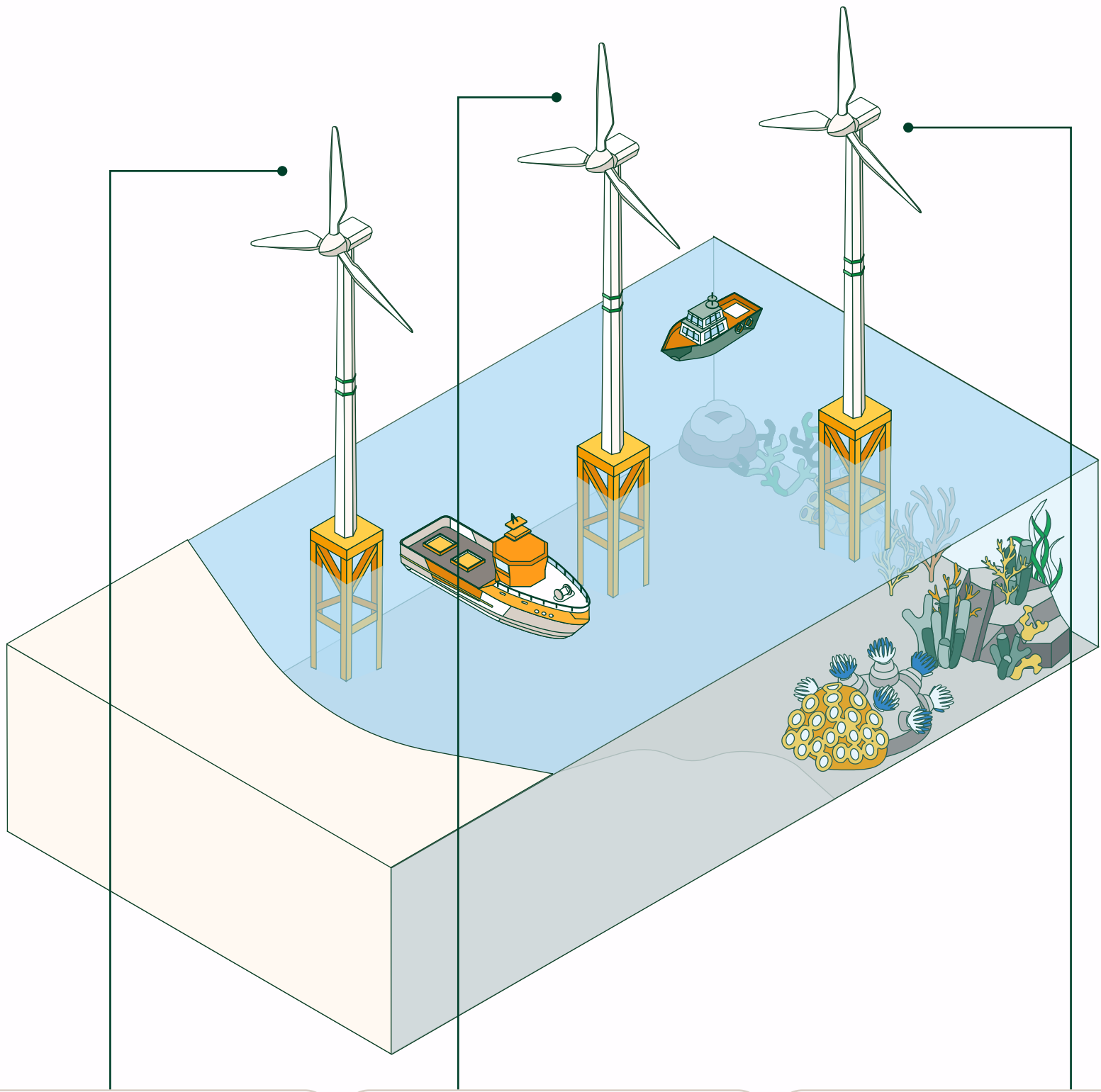


# The visual impact of wind turbines on the coastal skyline

## Distance from the coast and the visual perception of the towers



### Up to 16 kilometres

They are an **important focus** of visual attention

### Nearly 29 kilometres away

**Not perceived** by a casual observer

### Over 40 kilometres

Only visible with **magnified or focused vision**

## Factors affecting the visibility of wind turbines:

Distance from the shore

Viewing angle

Weather conditions

Intensity of sunlight

Contrast of turbines with sky and water

Height of towers and blades

Night beacon

## Iberdrola's offshore wind farms and their distances from the coast:

### United States

Vineyard Wind I: 24 km  
Kitty Hawk: 44 km



### United Kingdom

East Anglia ONE: 50 km  
East Anglia TWO: 31 km



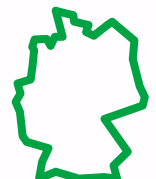
### France

Saint-Brieuc: 16.3 km



### Germany

Baltic Eagle: 30 km  
Wikinger: 75 km



Source: Argonne National Laboratory.