

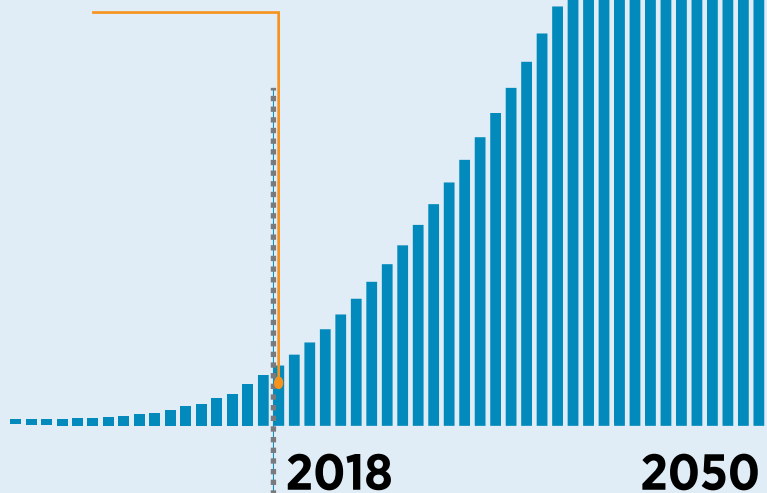
Offshore wind: Improving technologies, falling costs

Capacity surge

- Could raise offshore wind to **4% of global power generation** by 2050*
- Average **new turbine capacity** set to reach **8.3 MW** by 2022 – up 184% since 2010
- **Next-gen turbines** offer longer blades and higher output

520 GW

20 GW



Competitive powerhouse

- Approaching fossil-based electricity cost range, even **without financial support**
- Cost of electricity from offshore wind set to **fall by half** within 4 years

Job creation

24%

Operation and maintenance

59%

Manufacturing and procurement

500 MW

2.1 million person-days

11%

Installation and grid connection

5%

Decommissioning

1%

Project planning

0.1%

Transport

Innovative technology

- Puts turbines in **deeper waters**
- Eases deployment for countries with **limited continental shelf**

International co-operation

- Helps to develop **harmonised standards**
- Boosts **global uptake**

