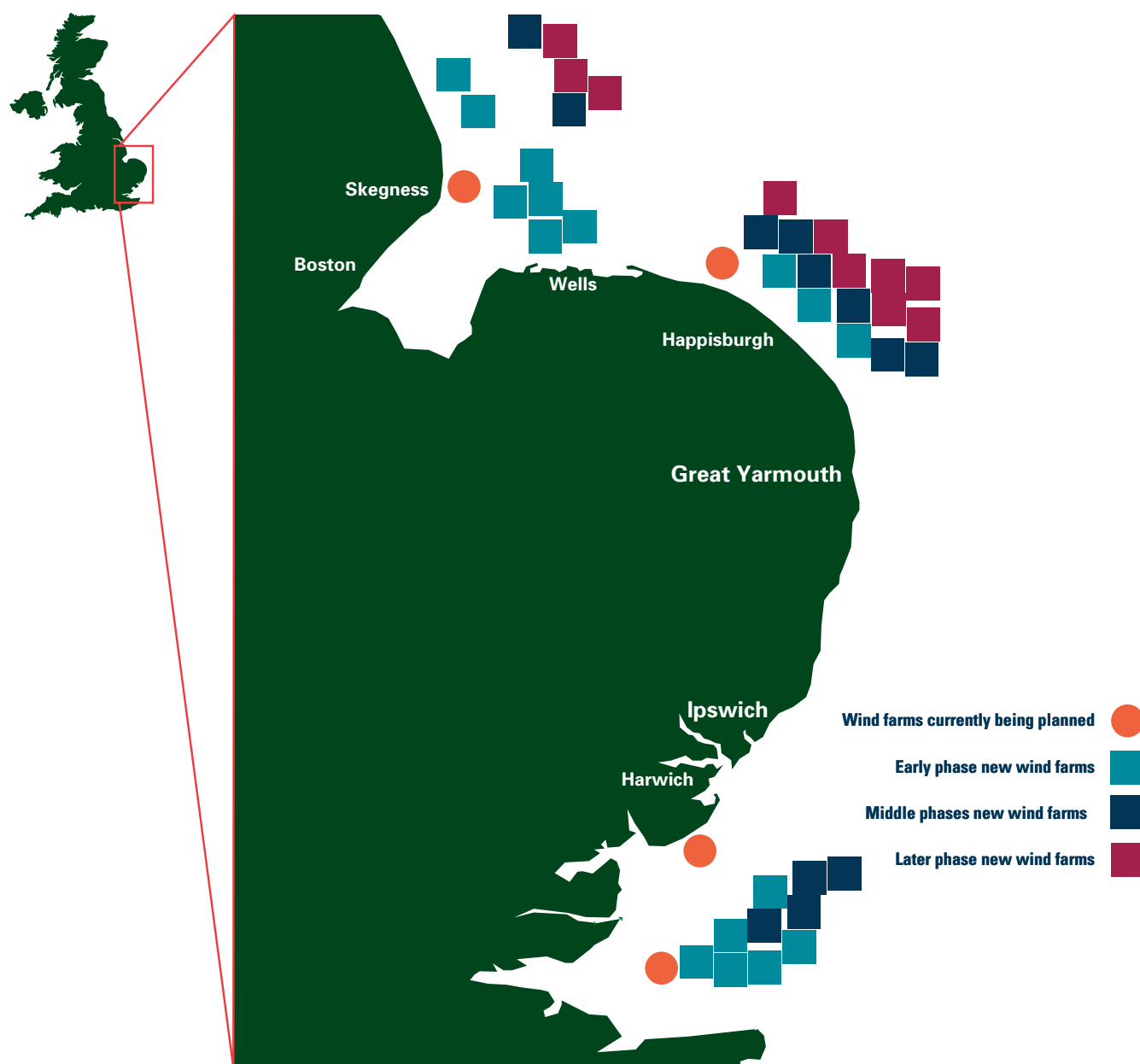




# Sea Wind East

A blueprint for clean energy

If key actions are taken today, by 2020 East Anglia alone could provide 25% of UK electricity needs through clean offshore wind power. This would have substantial economic and environmental benefits.



Each square represents a wind farm that is 10km on a side and includes up to 400 turbines with a combined total of around 800MW capacity. This is similar to a conventional nuclear power station. These suggested locations, hardly visible from shore, avoid Areas of Outstanding Natural Beauty, Heritage Coast and Natura 2000 conservation sites. They also avoid international shipping lanes and major areas of shipping activity (for example off Great Yarmouth). The full *Sea Wind East* report gives further details about the opportunities, constraints and the practical considerations taken into account by AEA Technology.



# Why offshore wind power is the future for East Anglia



Greenpeace has commissioned AEA Technology to produce a plan for tapping East Anglia's massive offshore wind resource. By backing this plan, the Government has the opportunity to show that it is serious about ensuring a clean, renewable energy future.



- **East Anglia could be world leader in wind energy**  
East Anglia could be at the centre of a huge boom in the offshore wind industry. It has the skills to dominate the market for wind power stations at sea.
- **East Anglia has a massive clean energy resource**  
East Anglia is sitting on the best offshore wind resource in Europe. By 2020, East Anglia could generate enough clean electricity through 40 offshore wind farms to meet a quarter of UK demand. But the Government needs to invest properly in harnessing this clean energy resource.
- **Clean energy protects East Anglia's environment**  
Only renewable energy like wind power can safely deliver electricity this century. Other methods threaten us with dangerous radioactive waste or with floods caused by global warming. The Government is threatening to give the go ahead for new nuclear power stations in the region, which the report clearly shows is unnecessary.
- **Offshore wind means jobs and investment in East Anglia**  
60,000 jobs would be created and £20bn of investment would pour into the region.



The *Sea Wind East* plan will only become a reality if the Government sets a high target for provision of clean, renewable energy and commits the infrastructural investment necessary to make this possible.

The full *Sea Wind East* report is available at [www.greenpeace.org.uk/seawindeast.htm](http://www.greenpeace.org.uk/seawindeast.htm)

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