

Join us in Kent for a more sustainable future.

Finding the right location for your business isn't just about discovering the right office, factory site or team. The Kent and Medway region of England is the perfect place to protect the planet too.

This well-connected part of the United Kingdom is integrated into a transport network linking London and mainland Europe that allows people to drive less, if they choose, with **hydrogen fuelled buses and the UK's only high-speed train network** among the options.

For businesses Kent and Medway is full of opportunity for entrepreneurs and innovators to **embrace the green economy** with a greater reliance on **renewable energy sources** backed up with **groundbreaking research** that is taking place right here.


A pipeline of future talent is also being created by our universities and colleges with new centres of excellence in place now to **train tomorrow's engineers**, farmers and construction workers with the skills required for a more sustainable economy,


Electric car production and crop harvesting using the **latest robotic technology**; the creation of new high yield grains resistant to climate change supporting the fight against global hunger; **design innovations** including factory produced new homes. It's all taking place here in the county.


This is the place setting realistic goals to achieve **Net Zero status by 2050** through exploring ways to eradicate our reliance on carbon use as much as possible – and with the alternatives available we've set a course for success.

Read on for more facts about sustainability in Kent and Medway.

Join us in Kent
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 Locate in Kent

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JOIN US IN KENT

2050

Ambitious targets set to reduce greenhouse emissions to net zero by 2050.

Kent has a wealth of different renewable energy sources both on land and around its coastline including:



Onshore and offshore wind



Anaerobic digestion



Hydro, tidal and wave energy.



Large scale solar



Biofuels (including green waste)



Wood fuel



Micro generation (solar thermal, air and ground source heat pumps)

37%

Fall in carbon dioxide emissions since 2005.

3.8 tonnes

The latest figure for the amount of carbon dioxide produced across the South East Local Enterprise Partnership area (Kent and Medway, Essex, East Sussex). The UK average is 4.6 tonnes.

36,000

Tonnes of food waste collected in Kent and taken to an anaerobic digester at Blaise Farm Quarry near Kings Hill to be turned into biogas.

15,000

The number of homes powered by one of Britain's largest solar farms located on a 212-acre site in Kent. It is one of 41 already operational across the region with a further 42 in the pipeline.

57%

Reduction in non-domestic natural gas consumption between 2005 and 2018. Domestic gas use fell by a fifth over the same period.



Kent Renewable Energy Ltd

burns locally sourced timber to generate enough electricity to supply the equivalent of 50,000 homes and saving over 100,000 tonnes of CO2 every year. That's 165,000 hot air balloons or over 1 million plane flights to Paris.



£180,000

The amount awarded by government to install eight rapid e-chargers for use by taxis in six Kent districts.

Green Roads

All new road based public transport will be electric or hydrogen fuelled by 2030.



Around 20% of the green energy generated at Kent Renewable Energy Ltd is supplied directly to its neighbours at Discovery Park in Sandwich, a place of innovation on a five-year mission to become one of the world's leading science parks.



Ryze Hydrogen

Home to Ryze Hydrogen, the UK's first green hydrogen manufacturing plant in Herne Bay.

42%

Increase in people using train stations in the past 10 years.



Wilder Blean

Home to the pioneering Wilder Blean project, restoring the ecosystem of one of the UK's largest areas of ancient woodland.



As part of the £110 million contract, The Go-Ahead Group will operate Kent's Fastrack bus rapid transit system, adding a new fleet of zero-emission, electric buses from November 2024 across Dartford and Gravesend.



Kent and Medway is home to three offshore windfarms and three power stations.



2



4



3

1
Grain Power Station

Isle of Grain

Grain Power Station is the newest **Combined Cycle Gas Turbine (CCGT)** in Uniper's UK portfolio. Commissioned in 2011, this gas-fired plant produces enough electricity to **power around a million homes**. It also operates as a combined heat and power plant. The site is aiming to be **carbon neutral by 2035**.

[VISIT WEBSITE](#)

2
Medway Power Station

Isle of Grain

735MW flexible gas fired plant opened in 1995. Exploring options to **decarbonise energy generation** through **emerging carbon capture technology and hydrogen fuel solutions**.

[VISIT WEBSITE](#)

3
Thanet Offshore Windfarm

Margate (off Foreness Point)

This 300mw offshore windpower facility is owned by Swedish energy company, Vattenfall and located 11km north east of Thanet, Kent. Construction of this **100-wind turbine project** was completed in 2010. At that time, **it was the world's largest offshore windfarms**.

The company also operates the nearby Kentish Flats and Kentish Flats Extension windfarms on a large, flat and shallow plateau just outside the main Thames shipping lanes, 5.5 miles from Herne Bay. There are **45 wind turbines in total**. The three sites combined produce enough electricity annually to **power more than 400,000 UK homes**.

[VISIT WEBSITE](#)

5
London Array Windfarm

Outer Thames Estuary

Located 20km off the north Kent coast in the Outer Thames Estuary, London Array has a **630MW capacity and generates enough clean electricity to power around 500,000 British homes**, while **displacing around 900,000 tonnes of CO2 a year**. It is maintained and operated from the Port of Ramsgate.

[VISIT WEBSITE](#)



Kent and Medway the right location

72%

cheaper
commercial
property*
*compared
to London

1.8 million
potential customers

68

infrastructure
& commercial
development sites



2 science parks



Gateway to
London and
Europe

33%

lower house
prices



17 minutes from
the capital by train

70,000 +

companies already here



4 motorways

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