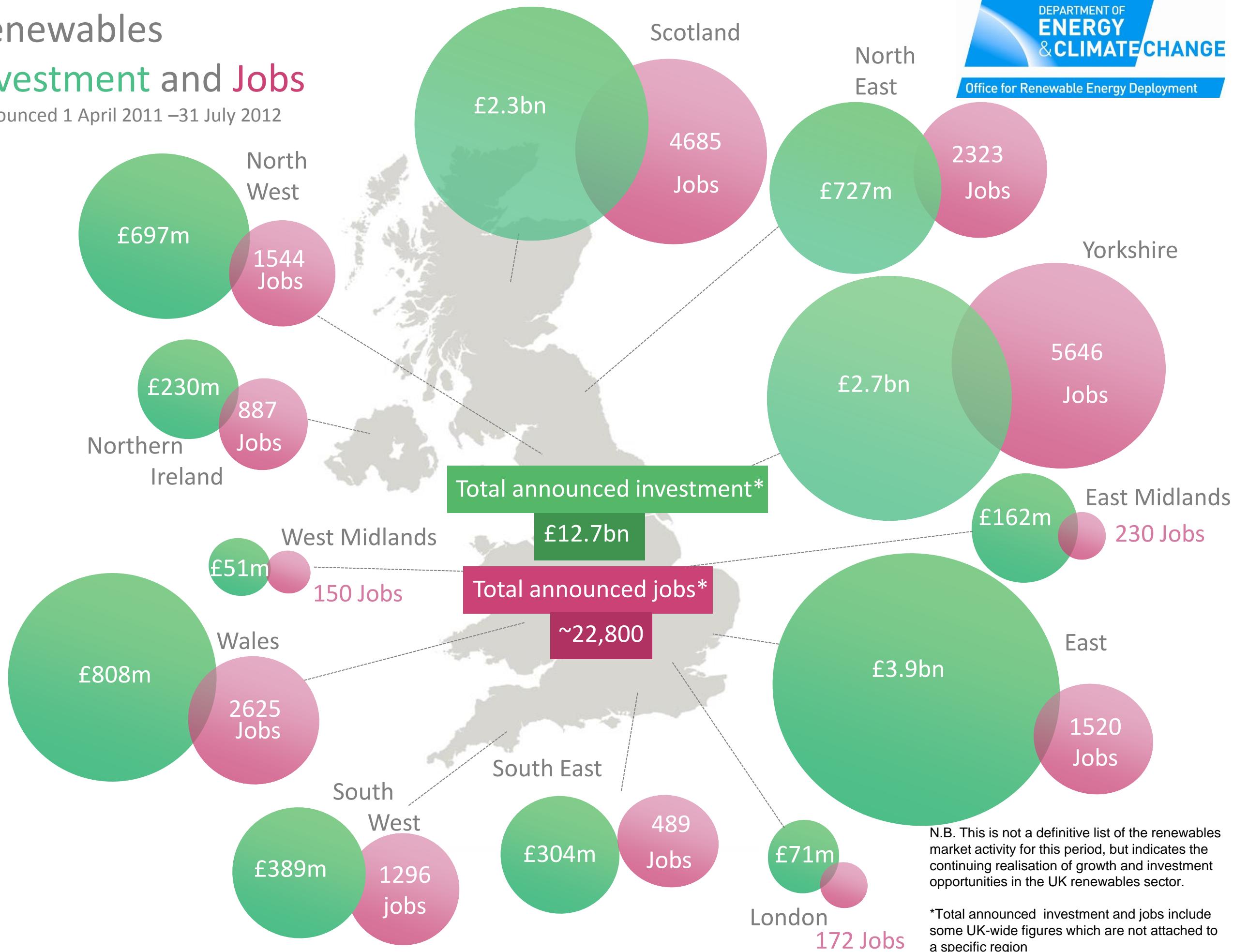


# Renewables

## Investment and Jobs

Announced 1 April 2011 –31 July 2012



N.B. This is not a definitive list of the renewables market activity for this period, but indicates the continuing realisation of growth and investment opportunities in the UK renewables sector.

\*Total announced investment and jobs include some UK-wide figures which are not attached to a specific region

**North East**  
**Announced: £7.27m investment, 2323 jobs**  
**With a potential £388m and 3009 jobs in the pipeline**

- MGT Power : planned £600m biomass plant in Teesport
- Reef Subsea Power & Umbilical wins a major contract with Gwynt y Môr Offshore Wind Farm, worth approximately £40-million.
- Energi Coast: alliance of 19 North East businesses aiming to create 2000 new jobs. Between them have invested £400m and employ 6500.
- MTL Group: 15 new jobs at Blyth dockside facility, with plans for additional 15
- JDR Cables: invested £11m to ramp up innovative technology at Hartlepool Docks

- Gilkes: investing £5m to rebuild its hydro turbine manufacturing factory
- Jigsaw Energy: 3 biomass project management contracts from Hobesco worth £1.4m.
- Community Windpower Ltd: over £27m invested and 68 jobs across 3 windfarms
- Aquamarine Power: £7m investment from shareholders & £3.4m Barclays loan
- Gael Force Group: £900,000 contract from Ocean Power Technologies
- Clyde Blowers Capital: invested £85m in Finnish wind gear manufacturer – with David Brown Gear Systems, now one of the world's largest gear manufacturing groups
- Gamesa: Offshore Wind Technology Centre, up to 130 jobs

**Scotland**  
**Announced: £2.3bn investment, 4685 jobs**  
**With a potential £9.4bn and 3313 jobs in the pipeline**

- SSE granted planning for Viking Energy wind farm, with potential investment needed of ~£556m, supporting 174 jobs
- Installation and maintenance specialist Dawson Energy undertook £1.5m of work at SSE's Griffin wind farm
- Burntisland Fabrications: construction work for Vattenfall's Ormonde wind farm in NW England
- I&H Brown: onshore works contract for Gwynt y Mor windfarm
- Jones Bros: new base in Inverness, 6 jobs; £3m contract for community windfarm, Eneco contract for 51MW windfarm
- RJ McLeod: contract for Statkraft's 52.5MW Baillie onshore windfarm; £17m contract for Scrabster Harbour
- Carbon Free Developments and Adam Smith College: windfarm to pay for 125 apprenticeships
- Helius Energy: £44m of contracts awarded for 7.2MW biomass plant. Up to 120 jobs.

1 April 2011 – 31 July 2012



**Yorkshire**  
**Announced: £2.7bn investment, 5646 jobs**  
**With a potential £1.8bn and 5624 jobs in the pipeline**

- Banks Renewables has completed £21.9m funding agreement with The Co-operative Bank for Penny Hill Wind Farm, supporting 30 jobs..
- E.ON awarded a £19million offshore cabling contract to Balfour Beatty Utility Solutions for Humber Gateway OWF
- Shepherd Engineering Services: two contracts of £30m to deliver new housing for wind and marine prototype test rigs
- David Brown Gear Systems: investing £2.8m to create wind turbine research centre, creating 80 jobs; won £multi-million deal with Samsung for gearbox for 7MW turbine.

- ECO2: £80m 40MW biomass plant. Up to 80 jobs including 30 in operation and local straw contract £6m p/a
- Vireol: consented £200m biorefinery, supporting up to 1000 construction jobs and up to 90 in operation.
- Vivergo Fuels: constructing £300m ethanol plant supporting up to 80 permanent jobs, 800 in construction
- A Shade Greener: £20m investment from GE Capital. 60 jobs.
- Mitsubishi Power Systems Europe: £2.5m investment. Up to 50 jobs.
- Real Ventures: planned 50MW biomass plant. £130m investment, up to 285 jobs.
- C Spencer Ltd: planned hybrid power station. £150 investment, up to 260 jobs.
- Oakapple Renewable Energy Ltd: secured £20m of investment. 14 jobs within two years.

**East Midlands**  
**Announced: £162m investment, 230 jobs**  
**With a potential £179m and 529 jobs in pipeline**

- AES Wind, Repower and Jones Bros constructing Yelvertoft wind farm, following £24m investment from ING and AES
- E Vance Wind Turbines: doubled UK manufacturing facility size and grown workforce by 25%
- Toyota: £10m investment in solar panels at Derbyshire plant
- ECO2: £100m straw fuelled plant in Sleaford - 30 jobs in operation, 50 in fuel supply; local straw contracts estimated at £6m per annum.

**London**  
**Announced: £71m investment, 172 jobs**

- Guinness Asset Management Ltd: set up £10m fund for UK clean energy
- Houlder: first sale of Turbine Access System to Turbine Transfers
- Ennoviga Solar Ltd: £7m contract from Thames Water
- 40South Energy: preliminary agreement with two Italian developers for sale of machines

**South East**  
**Announced: £304m investment, 489 jobs**  
**With a potential £3bn and 1915 jobs in the pipeline**

- South Boats: completed 57<sup>th</sup> offshore wind farm transfer vessel, plus Turbine Transfers (£13m), and Seacat Services (£14m)
- Viridor: planning £205m energy from waste plant, which will create 40 permanent jobs
- Bam Nuttall: chosen to carry out £4.5m expansion at Campbeltown New Quay
- Emu Ltd: marine consultancy expanding, 41 new staff
- Real Ventures: planned 50MW biomass plant. £130m investment, up to 235 jobs
- P&O: first move into offshore operation and maintenance

**South West**  
**Announced: £389m investment, 1296 jobs**  
**With a potential £26m and 40 jobs in the pipeline**

- TGC Renewables granted planning for solar farm in Devon, plus started construction of another in Brent, Devon.
- Offshore Marine Management: contract from Fluor for Greater Gabbard offshore wind farm
- Helius: developing £300m Avonmouth biomass plant, expected to create 40 jobs, with potential for 450 in construction
- Marine Current Turbines (MCT): Siemens take majority stake in company to drive tidal commercialisation
- Powersystems UK: electrical work contract for Statkraft's Baillie & E.ON's Rosehall Hill Forest wind farms
- South Devon College: Energy Centre predicted to create over 400 jobs via training

**Northern Ireland**  
**Announced: £230m investment, 887 jobs**  
**With a potential £67m and 230 jobs in the pipeline**

- Belfast Harbour: DONG Energy £40m tailor-made installation harbour for West of Duddon Sands offshore wind farm. Up to 450 jobs.
- Harland and Wolff: contract for Gwynt y Mor wind farm; provided assembly for Ormonde and Robin Rigg wind farms; won work for tidal turbines. The shipyard is 75% offshore renewables-based.
- Powerteam: £3.7m contract from SSE Renewables
- Tyrone Energy: £10m CHP plant supporting 30 construction & 7 permanent jobs

**North West**  
**Announced: £697m investment, 1544 jobs**  
**With a potential £144m and 691 jobs in the pipeline**

- ABB: £9.4m subsea cable order for E.ON's Humber Gateway
- R Plevin and Sons: 25yr £multi-million feedstock contract for E.ON's Blackburn Meadows plant
- Granada Material Handling: £multi-million contract from RWE for Gwynt y Mor wind farm. Will award local sub-contracts.
- Camell Laird: £5m contract from RWE for Gwynt y Mor. Up to 600 jobs in next decade.
- Bio-Group: £5m deal with British Gas to build AD facility, 20 jobs
- Ineos Chlor and Viridor: construction of Runcorn efw plant; over 300 construction jobs, with a further 70 in operation
- Siemens: Renewable Energy Engineering Centre. ~340 jobs.

**West Midlands**  
**Announced: £51m investment, 150 jobs; with potential for £5m and 600 jobs in pipeline**

- Forkers Ltd: £9.2m in contracts from RES for onshore wind farm design & construction
- MAN (group of 9 manufacturing companies): £5m worth of contracts. 50 jobs
- Geothermal International: received £12m investment for international expansion
- Morgan Sindall: won £25m contract to design and build a pioneering new energy scheme for Yorkshire Water

**Wales**  
**Announced: £808m investment, 2625 jobs**  
**With a potential £600m and 730 jobs in the pipeline**

- Vattenfall granted planning for Pen-y-Cymoedd wind farm, with potential investment needed of around £365m, supporting 300 jobs
- Sharp Solar may move its German headquarters to Wrexham, Wales, (current plant employs 500 people).
- Gwynt y Mor wind farm: £multi-million contract to Granada Material Handling; £275,000 subcontract to DRB Group, 6 jobs
- RWE launched a new Large Scale Wind Apprenticeship programme for six trainee turbine technicians for a three-year course.
- Mabey Bridge: £38m onshore wind turbine towers factory, 280 jobs; ramped up production to operate 24hrs a day to meet growing demand; won first offshore contract from Fugro Seacore, alongside onshore contracts from Vattenfall, Siemens, RWE npower renewables.
- SSE: opening £7m training centre for renewable sector, 250 new jobs
- Welsh Water: £40 investment into AD facility
- EcoPellets Ltd: planned £100m biomass plant, up to 450 jobs.

**East**  
**Announced: £3.9bn investment, 1520 jobs**  
**With a potential £29m and 366 jobs in the pipeline**

- Planning permission granted for Centrica Race Bank and Warwick Energy Dudgeon; with potential investment of ~ £3bn needed for the two 560MW offshore wind projects
- Seajacks: £3m new HQ in Great Yarmouth enabling expansion with 50 extra staff; won contracts from Scira, Fluor and DONG, and £100m contract with German company WindMW, supporting 60-120 jobs each
- Gaoh Energy: £multi-million contract from Moray Offshore Renewables Ltd.
- Wells Harbour: contracts from Scira for Sheringham Shoal. Extra staff have been recruited.
- Alicat Workboats: signed agreement with Lyman Morse Boatyard to build range of offshore wind support vessels in USA
- HRH Heat Exchangers Ltd: £1.1m contract from SSE on AD plant