

Mass Market Renewables In Essex

Richard Devanney
Essex Renewables Support Manager



East of England

1 of 9 Regions



- £86bn economy (10% UK)
- 5.5m people
- 10% population increase
- UK's ideas region
- highest R&D spend
- 75% of region agricultural
- 25% of region cereal crops
- 7% of region forest
- 4.5% electricity from renewables
- Leading renewable energy
- UK first e85 filling station
- World first Bio-butanol plant
- £8 billion of offshore wind
- Circa 500K new homes to be built

RENEWABLES
EAST

bringing the benefits of
renewable energy to the
East of England



In the East of England

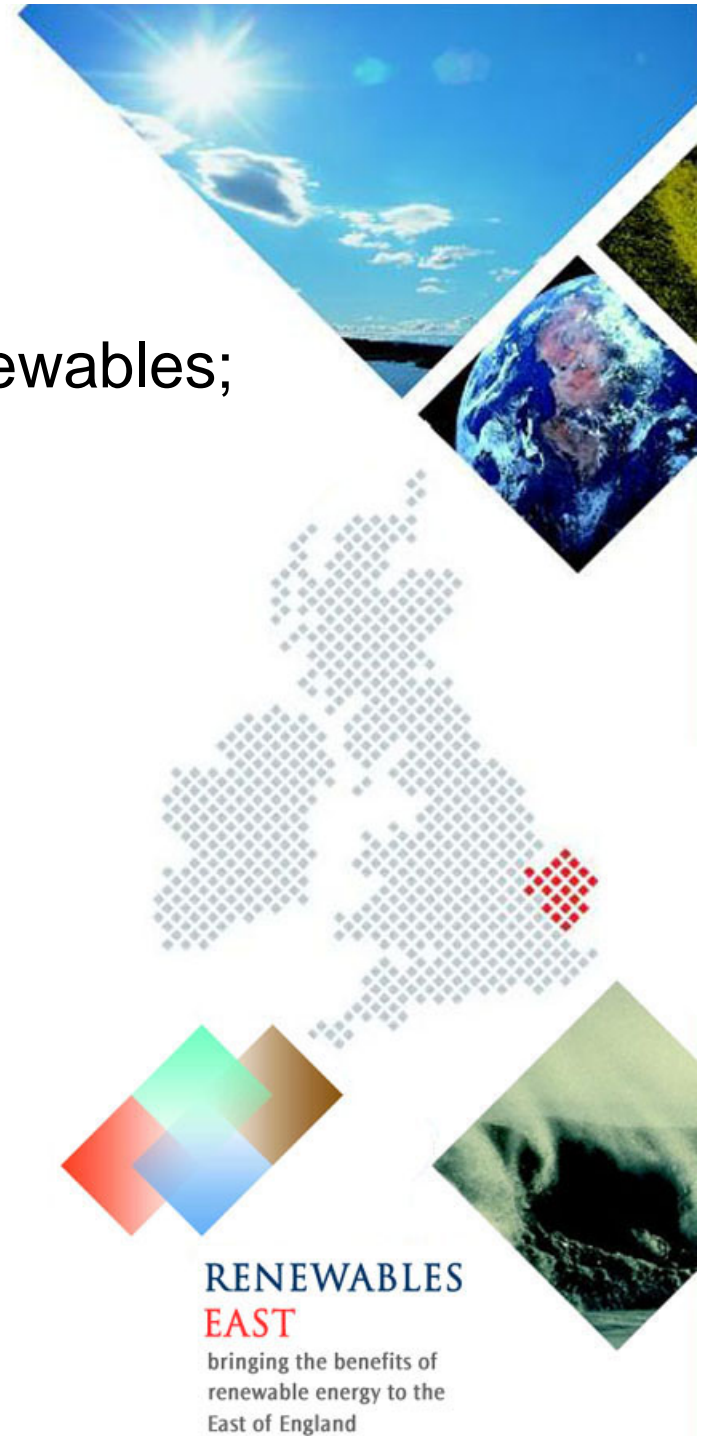
◆ Huge potential for mass market renewables;

Small-scale wind

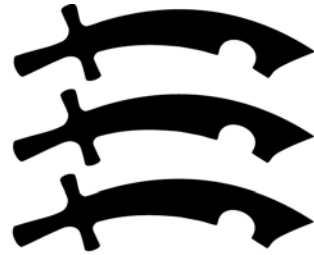
Biomass

Solar Hot Water

Ground/Air/Water Source Heat Pumps



Pioneering Partnership



Essex County Council

Three year partnership comprising:

- Support Manager embedded in Essex
- Development Director
- Access to full RE Team



The Role

To increase capacity of mass market renewables within Essex by:

- Acting as a central source for information and expertise relating to mass market renewables



**RENEWABLES
EAST**

bringing the benefits of
renewable energy to the
East of England

The Role

- Establishing a handholding & advocacy programme for LAs, Businesses, schools, & community (& other) groups



The Role

- Building strong links with LA planners and building control, building developers, architects, housing associations, installers



The Role

- Working to stimulate the supply side for mass market renewables, particularly for biomass.
- Ensuring training provision for a variety of technologies

Identify and deliver support where gaps exist



Fiscal Incentives

- Low Carbon Buildings Programme
- Phase 1
 - Stream 1 (£10.5m)
 - Domestic (£400 to £15k)
 - Community up to £30k (50%)
 - Stream 2 (£18m)
 - Medium scale up to £100k
 - Large scale up to £1m
- Phase 2 (£50m)
 - Public buildings and schools
- Payback
- Cheaper than a fossil fuel alternative



3 weeks in post

Working on a number internal County Council projects, including:

- Mapping all woodland areas to take advantage of biomass fuel
- Coordinating a number of proposed wind & biomass installations
- Working with the historic buildings team to deliver guidance for renewables in listed buildings
- Organising a mass market renewables seminar to be held in February



**RENEWABLES
EAST**

bringing the benefits of
renewable energy to the
East of England

Contact details

Based at County Hall, Chelmsford

richarddevanney@renewableseast.org.uk

Direct line: 01245 437583

Mobile: 07717 867004



**RENEWABLES
EAST**

bringing the benefits of
renewable energy to the
East of England