

Cornwall's energy future

We will create an energy future that is cleaner and more affordable, retaining the social and economic benefits in Cornwall.



CORNWALL & ISLES OF SCILLY
LOCAL ENTERPRISE PARTNERSHIP



Cornwall has a wealth of renewable energy resources...



Best wind resource in Western Europe



Best solar resource in mainland UK



Best geothermal resource in the UK



Huge potential for marine renewables



We will exploit this unique opportunity to...

Tackle energy inequalities



Making our homes, businesses and transport greener and more affordable.

Take local control of our energy



Generating, owning and using our energy locally to reduce bills.

Become a world-leading green economy



Retaining benefits in our communities and securing year round jobs.

but Cornwall is not benefiting and we currently spend £1bn a year on our energy



People are struggling to heat their homes



Public sector budgets and funding are reducing

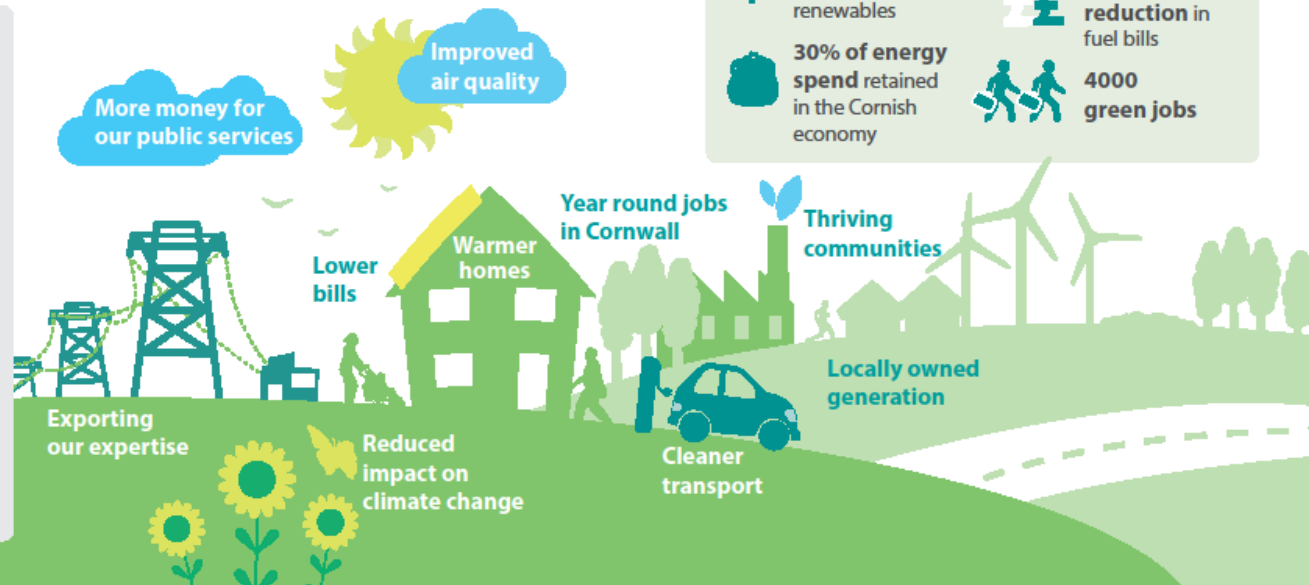


Our economy is under performing



Our infrastructure is outdated

We will create an energy future that is cleaner and more affordable, retaining benefits in Cornwall



2030 outcomes



Reduce fuel poverty to 5%



50% locally owned generation



100% electricity demand met by renewables



20% reduction in fuel bills



30% of energy spend retained in the Cornish economy



4000 green jobs

The Cornwall Deal – Energy work stream

Barriers

ECO programme
poor fit for
Cornwall

Grid
constraints

Stagnating
community
energy groups

Poor economic
benefit from new
technologies

Cornwall Deal

Energy
Efficiency
pilot

Grid and
Storage
pilots

Community
ownership
pilots

Geothermal
and Enterprise
Zones

**Cornwall's
local energy
market**

A better deal for
Cornwall



Creating Marine Hub Cornwall

‘The aim of Marine Hub Cornwall is to offer the private sector a compelling reason to base their research, deployment and commercial activity in Cornwall by delivering a co-ordinated, comprehensive programme of activity.’

- £6.8m invested in the Hayle Marine Business Park
- The creation of a multi-site Enterprise Zone focused on marine technology/ renewables sector including sites in Hayle and Falmouth Docks.
- Carnegie Wave Energy - £14.7m project, £9.6m ERDF grant with £5.1m private match for first phase of 15MW commercial wave energy project
- £4.75m ‘technology fund’ to support business-led and market-driven Research & Development Innovation



Geothermal Potential

The deep geothermal resource in Cornwall, if successfully exploited, has the potential to provide Cornwall with significant economic, environmental and social benefits and could provide heat and power to all the homes in Cornwall.

- £18m deep geothermal project currently going through due diligence, made up from £10.6m ERDF, £2.4m Cornwall Council/BIS match and £5m private sector match.
- Successful £1.8m, £1.4m ERDF and £400,000 private match heat only project at Jubilee Pool.



Cornwall Council
County Hall
Truro **TR1 3AY**

Mark Holmes
Senior Low Carbon Investment Officer
markholmes@cornwall.gov.uk

