



Green Cornwall





Key Challenges - energy costs, production and demand

- National and European Targets
- Cornwall spends around £1.2 billion on energy p.a. 98% leaves the local economy
- Lower than average cavity wall insulations
- Higher than average fuel poverty levels
- Far higher than average domestic electricity usage
- Nearly 50% off-gas
- Low incomes and escalating fuel costs
- Decarbonising the economy
- General inertia

The Green Cornwall Strategy (2011)

- Provided a clear strategy, delivery focus and outcomes with supporting baselines
- A programme of embedded internal and external projects.



Green Cornwall Outcomes

1. Cutting the carbon emissions of the Council by 40%
2. Contribute to cutting Cornwall's green house gases emissions by 34%
3. Support an increase in renewable energy to meet 15% of total production
4. Promote non-transport related demand reduction of 10%
5. Transformation towards a low carbon economy
6. Measurable community benefit



Green Cornwall delivery themes

Green Council	Green Communities	Green Economy
Carbon management plan	Retrofit – Penwithick	Geothermal
Travel plan	Green Deal – endorsement framework	Marine energy
Small scale solar	Community based energy projects (20)	Smart Cornwall
Procurement	Community energy revolving loan fund	Wave hub
Waste	Cornwall Together	LEP, PS LCG, business initiatives etc
Service planning	Energysare – Cornwall model	Storage pre-deployment
Sustainable Energy Action Plan	Park homes retrofit	
Green reps	Grid infrastructure	
Green infrastructure strategy	Low carbon agriculture	
Renewable energy programme	Winter wellbeing	
	Mains gas connectivity	
	Electric vehicles	
	Community hub grant scheme	

Other supporting activities:

Skills, supply chain development, planning and regulatory services, research and development, funding opportunities, **Community renewable energy guidance**, **Green Deal supply chain event**, **Green Deal skills funding**, **local plan revisions**, CDC commissioning document, **educational programmes (schools)**

Key:

- Outcome 1** Green Council carbon reduction of 40%
- Outcome 2** Cutting green house gases by 34%
- Outcome 3** Increase in renewable energy to meet 15% of total production
- Outcome 4** Non transport related demand reduction of 10%
- Outcome 5** Economic benefit
- Outcome 6** Community benefit

Green Cornwall Impact Assessment (2013)

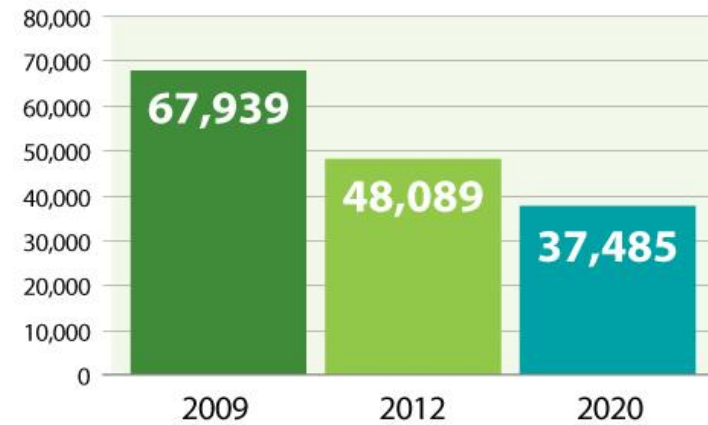
- This document reviews the progress made by the Green Cornwall programme to date and identifies the areas for improvement that will be targeted by the new Green Cornwall 2013-15 Strategy.



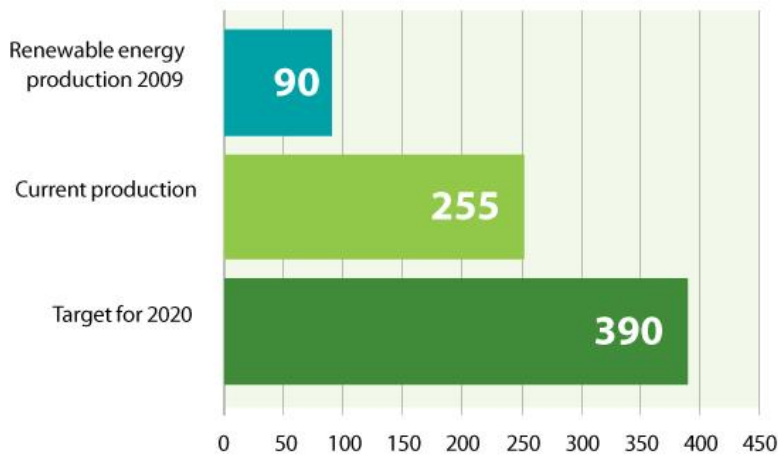
Key Strengths



Tonnes of Carbon Produced by Cornwall Council



Renewable energy production in Cornwall



Areas for Improvement and Key Opportunities



Current GHG emissions are enough to fill 10 Eden Biomes

Projected progress towards meeting Cornwall's GHG Emissions Target



Where next?

The Green Cornwall
'PLUG' approach
will promote:

- Energy security
- Social equity
- Environmental impact mitigation
- Economic enhancement



Purchase
Lose
Use
Generate



Cornish Stabilisation Wedges

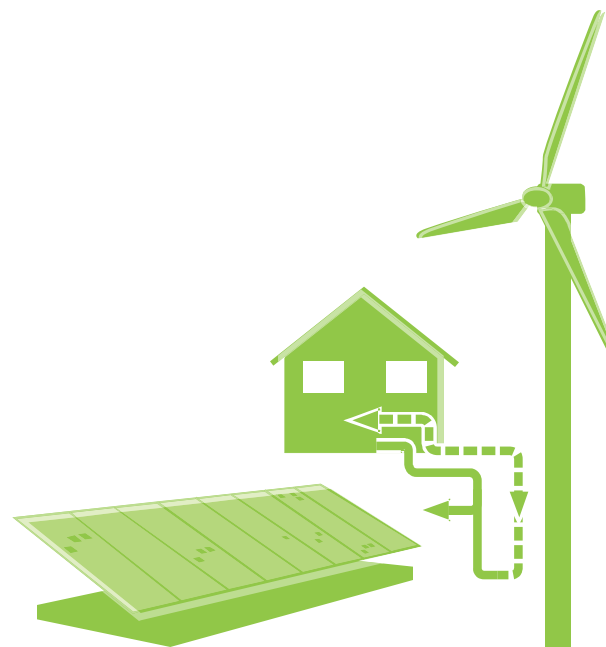
Green Cornwall 2013-15 strategy will develop a suite of Cornish stabilization wedges including:

- Energy demand reduction
- Lowering agricultural emissions
- Renewable energy generation
- Decarbonising transport



Key Projects

- Currently delivering:
 - Carbon management plan
 - ECO/Green Deal – £100m ring fenced investment and 140 jobs
 - Community engagement – revolving loan, Community Hub Grant, Community Energy Forum
 - KEO Energyshare – 20+ jobs
 - Cornwall/UK Together – 5 jobs
 - Renewable energy deployment
- In development:
 - Electric vehicle infrastructure project
 - Mains gas extension – 20 jobs
 - Geothermal – 1500 jobs
 - Marine/wave hub – 5000 jobs
 - Smart grids – 3000 jobs
 - Post-2013 funding



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

Tel: 0300 1234 100

www.cornwall.gov.uk/green

