

SMART Cornwall

Delivering a world class energy ecosystem



Dr Jonathan Adey
Cornwall Council

Objectives of Cornwall's Visit

- Understand current status of development - learning from pioneering work
- Look for complementary areas for ongoing cooperation
- Identify shared research and development goals and collaboration opportunities
- Seek trade and investment opportunities between countries

The South West of England

Ranked top of all the UK regions as a place to work and live

Best business survival rate of anywhere in the UK

Eleven universities / colleges and more than 143,000 students

Over 1500 international businesses have relocated to the region

The region spends 10% more on R & D than the national average

Furthest South West county in England

300 miles of Atlantic coastline

Population 500,000 (58.4% age 16 – 59)

Total employment = 202,635 (Full Time Equivalents)

In the summer months, 5 million visitors come to Cornwall.



Talent Pool

91% of the working population holds a qualification – higher than the rest of England

Pioneering and entrepreneurial culture

Combined Universities in Cornwall (CUC) at 13 campuses across the county .

£264 million (\$423m) of investment in higher education

Region's higher education student population: 143,000 (includes UK top ten university)

Infrastructure

High speed broadband network in place and superfast rollout underway

Standard occupancy costs ca. 50% lower than in London

Purpose-built business parks and three dedicated innovation centres with high environmental standards

Rent holidays / subsidies for approved businesses

Transport

One hour to London Gatwick from Newquay Cornwall Airport

Divided highway access to the whole of the UK

4½ hours from London – by road or rail

Ports – multi million £ investment to upgrade harbours



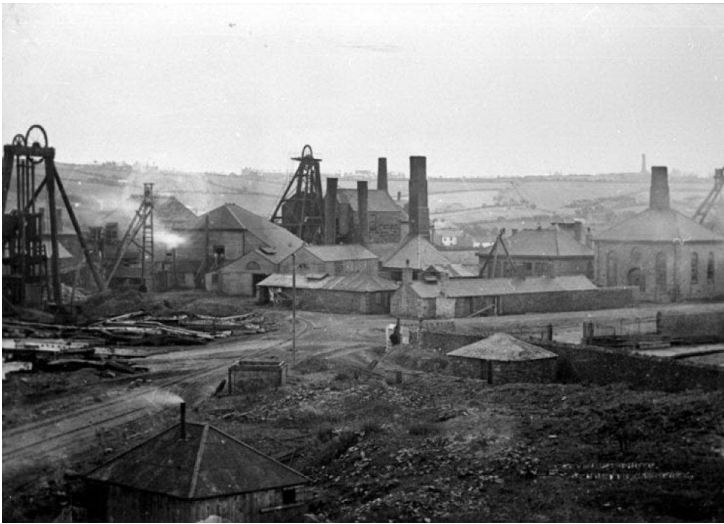
The quality of life the Cornwall has to offer attracts people to the area and aids our ability to recruit and retain employees.
Capt. Austin Craig, British International Helicopters

Our Energy Challenge

- Spend c.a £1 billion on energy p.a., 98% leaves the local economy
- Higher than average fuel poverty levels
- Nearly 50% off-gas
- 5 million visitors per year
- 'End of the line'
- Grid capacity



Turning adversity into opportunities

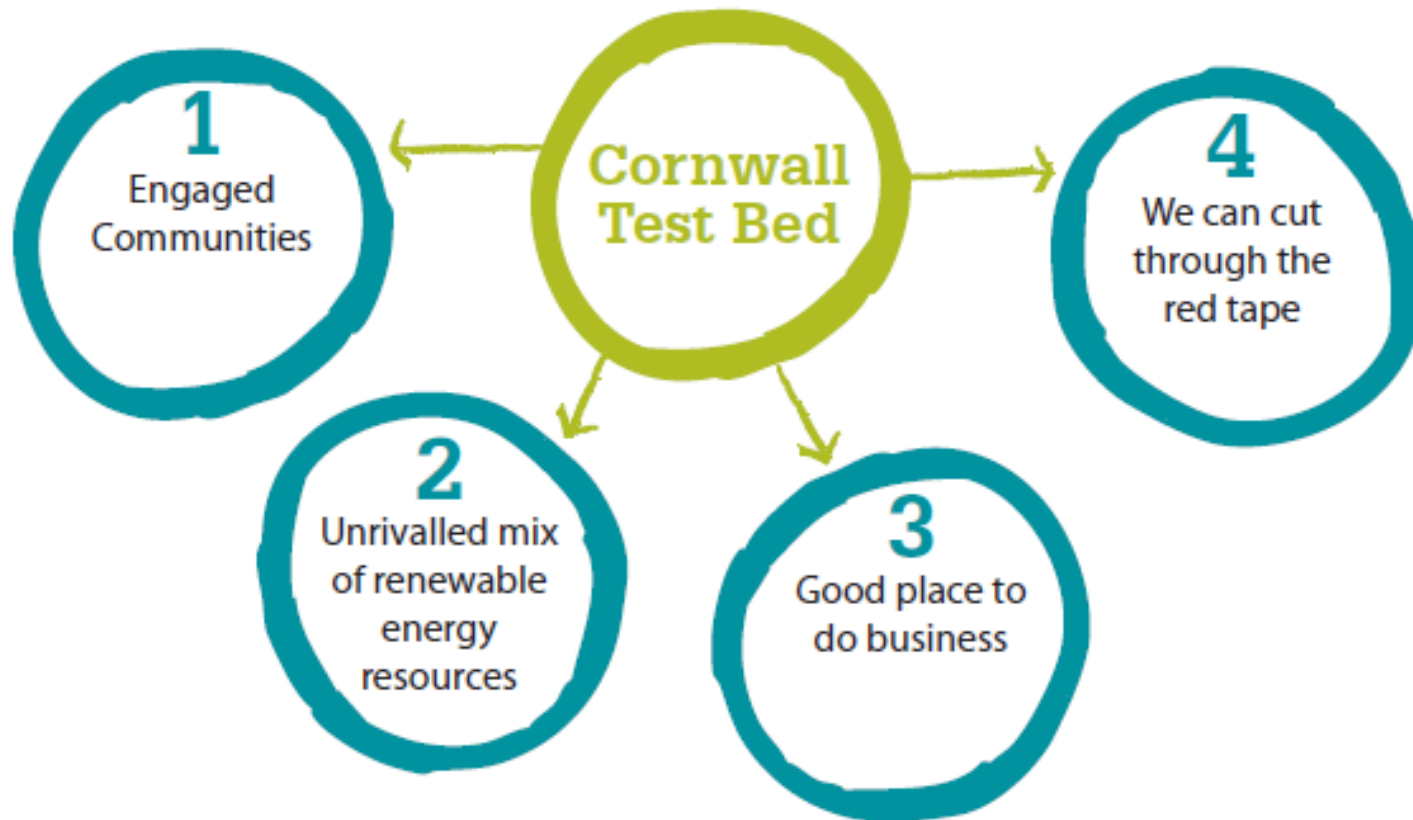


- Our Geography has, in the past been a major advantage
- Driving force for the industrial revolution



- Energy revolution is **the** new transformational opportunity for Cornwall

No better place in the UK to lead the way



KERNOW SWEETIE SHOP



The UK's broadest combination of onshore and offshore natural resources for renewable energy

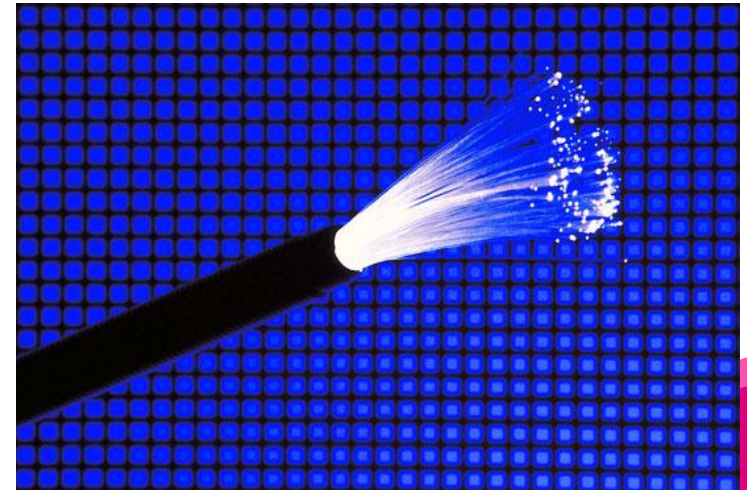


Engaged Communities



- **Wadebridge Renewable Energy Network**
investing the benefits of Renewable energy within the locality.

Cornwall a good place to do business

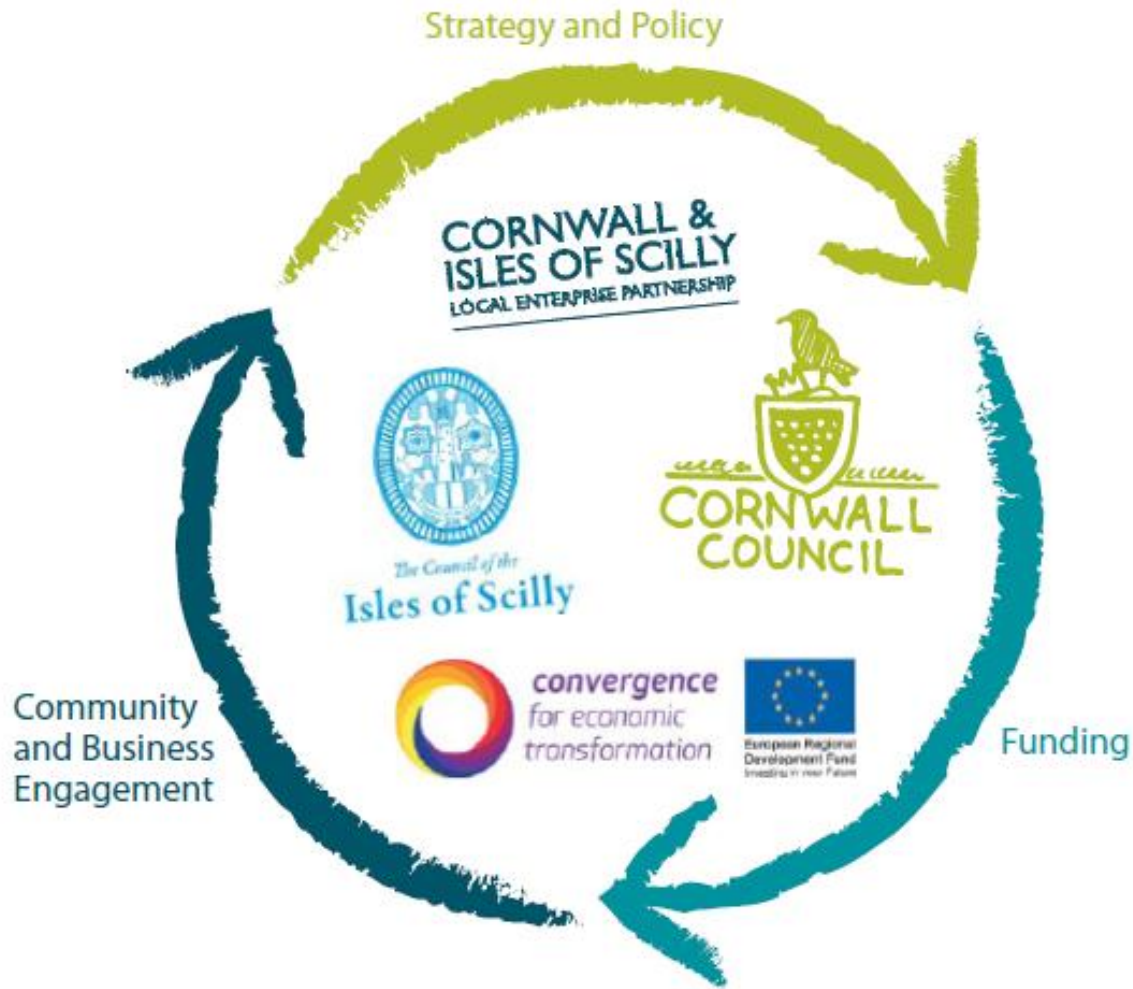


Cornwall a good place to do business

- Unique EU funding status
- Over £500m (2007 – 2013)
- 2014 – 2020 same status c.a £500m
- We work with business to do, more, quicker 'de-risking' investment



We can cut through the red tape



Beginning of our journey but we have a clear vision

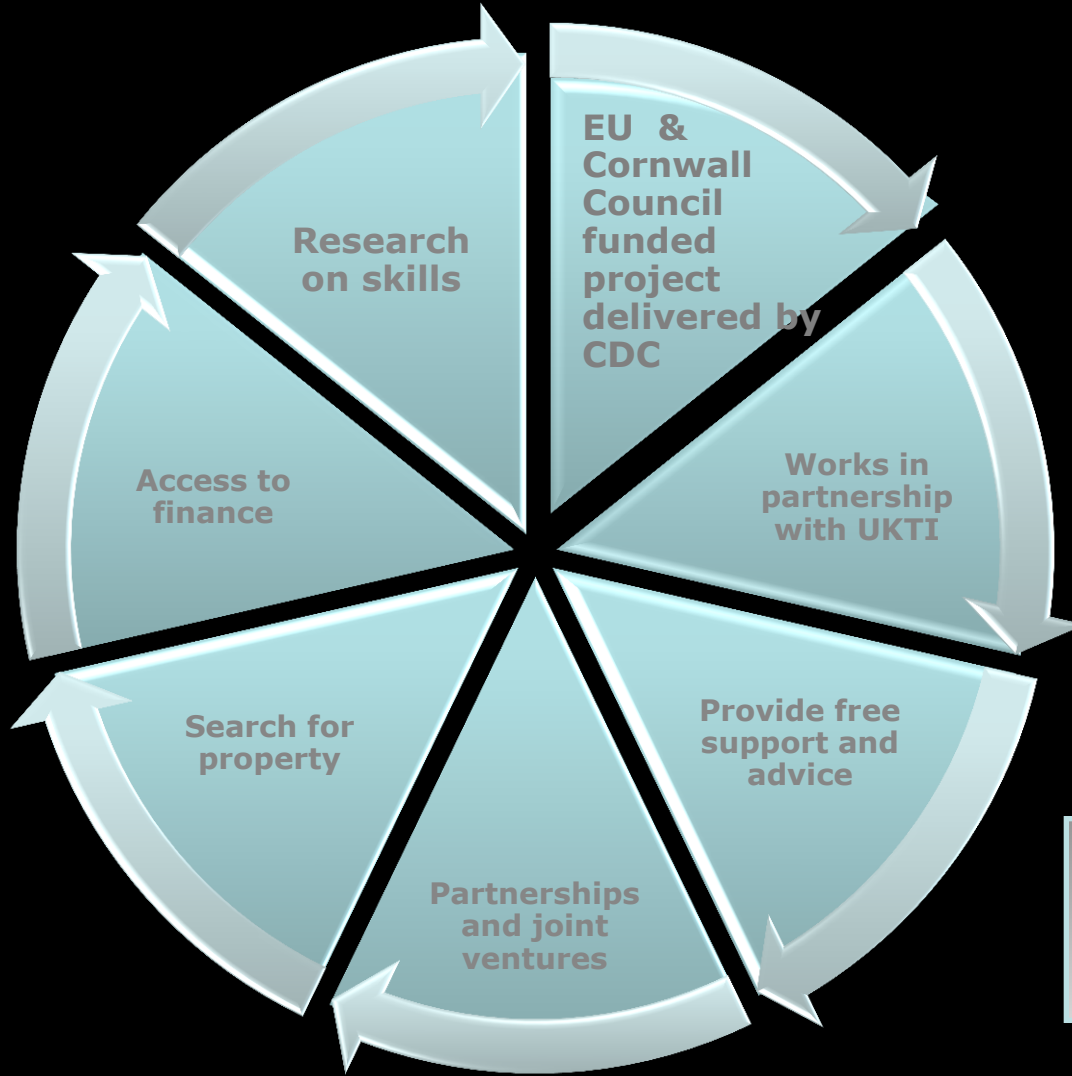


Video

A world class energy ecosystem Delivered through partnership



How can We help?



We were able to go from initial enquiry to operations within six months, we couldn't have done it anywhere else.

Paul Readfern, Agusta Westland (Aerospace)



Over 3000

new green jobs supported

25% increase

in Cornwall's renewable energy production between 2010 and 2011

4000

jobs created by CUC by the year 2025

Over £500m

high level European funding status

Over 25%

of Cornwall's population in fuel poverty

