

# A TIMELINE OF ENERGY IN THE BAILIWICK

**'Peak-oil'** the point in time when the maximum rate of crude oil extraction is reached, after which the rate of extraction is expected to begin to decline.

**ICE** Internal Combustion Engines

**EV** Electric Vehicle

**Short-haul** flights of 90 minutes or less.

**LLF** Light Liquid Fuels

**HFO** Heavy Fuel Oils

**LPG** Liquid Petroleum Gas

1990

2000

**1990**

'Base-Year'  
for emission  
reduction targets

**2000**

GJ1 cable  
commissioned

**1992**

Earth Summit in  
Rio de Janeiro –  
United Nations  
Convention on  
Climate Change  
international  
treaty adopted.

**2003**

The European  
Marine Energy  
Centre established  
in Orkney to  
operate as a  
'test-bed' for  
renewables

**2004**

Billia Croo: Pelamis  
750 began testing  
and became the  
first floating wave  
energy device to  
generate electricity  
to the national  
grid.



2010

## 2008-2012

Kyoto Protocol commitment period - 'Kyoto Protocol' is an international treaty that extended the 1992 United Nations Framework Convention on Climate Change (UNFCCC) that commits state parties to reduce greenhouse gas emissions

## 2008

UK committed to reducing greenhouse gas emissions by at least 100% of 1990 levels by 2050

## 2009

Orkney Sustainable Energy Strategy published - Vision for 'a secure, sustainable, low carbon economy driven uniquely by innovation and collaboration, enabling the community to achieve ambitious carbon reduction targets, address fuel poverty and provide energy systems solutions to the world.'

## 2012

UK Green Deal

## 2013

Orkney exports electricity generated by local renewable energy sources

## 2015

Guernsey Electricity Strategy published

## 2007

OECD demand 'peak oil' - 'peak oil' the point in time when the maximum rate of crude oil extraction is reached, after which extraction rates begin to decline

## 2008

UK Climate Change Act established the Committee on Climate Change (the CCC) an independent, statutory body

## 2008

Sabella project A French tidal and ocean stream turbine developed and installed in France for a 12 month trial period

## 2011

Energy Resource Plan published by the States of Guernsey

## 2012-2020

Doha Amendment 2nd commitment period 'Doha Amendment' refers to the changes made to the Kyoto Protocol in 2012, after the First Commitment Period had concluded. The Amendment adds new emission reduction targets for Second Commitment Period (2012-2020) for participating countries.

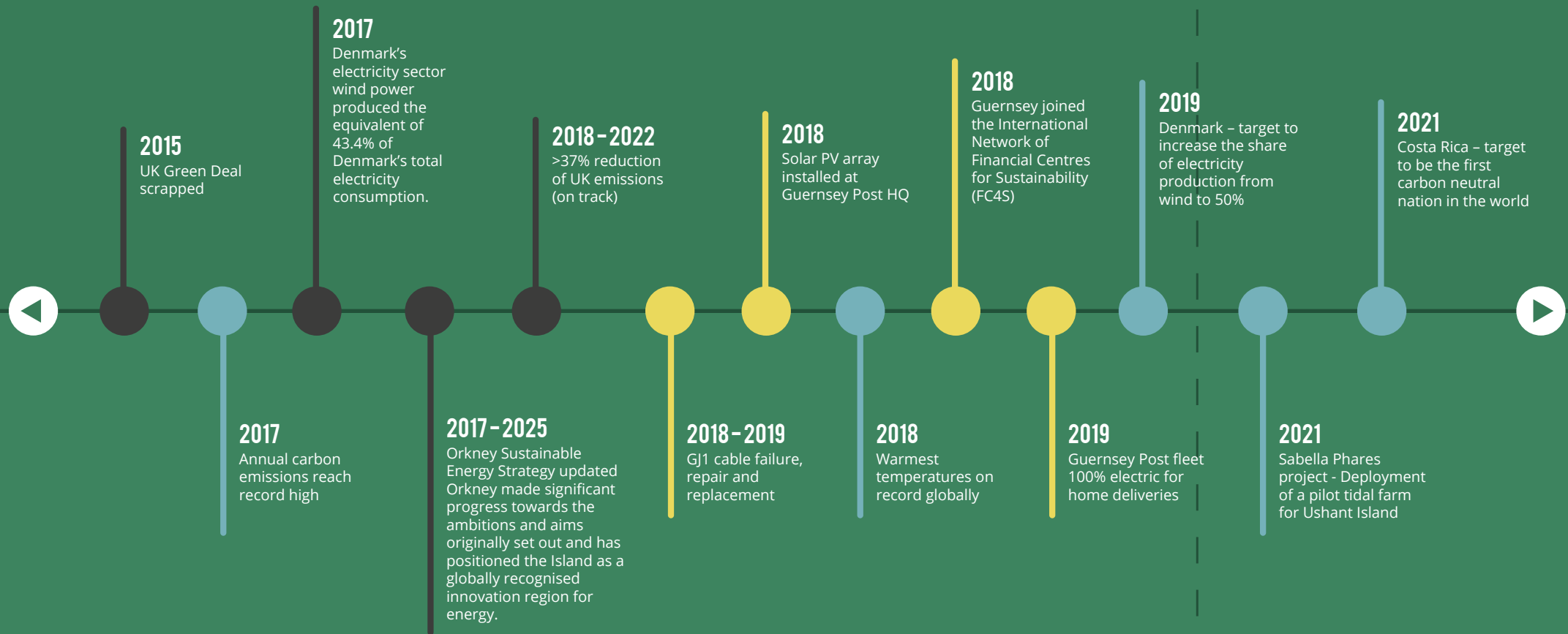
## 2015

Paris Agreement The Paris Agreement central aim is to strengthen the global response to the threat of climate change by keeping a global temperature rise this century well below 2 degrees Celsius above pre-industrial levels and to pursue efforts to limit the temperature increase even further to 1.5 degrees Celsius.

## 2015

United Nations General Assembly set 17 Sustainable Development Goals (SDGs) as a blueprint for a more sustainable future for all.





2030

2040

2050+

