

## June 2018 Release Overview

Renewable electricity data allows for:

- revised estimate of 2017 percentage progress towards the 100% renewable electricity target
- the latest update of renewable electricity generation and capacity for Q1 2018 in Scotland.

## In 2015, 17.8% of total Scottish energy consumption came from renewable sources

Scotland has a target to deliver the equivalent of 30% of total energy consumption from renewable sources by 2020.

## In 2017, 69.0% of gross electricity consumption came from renewable sources

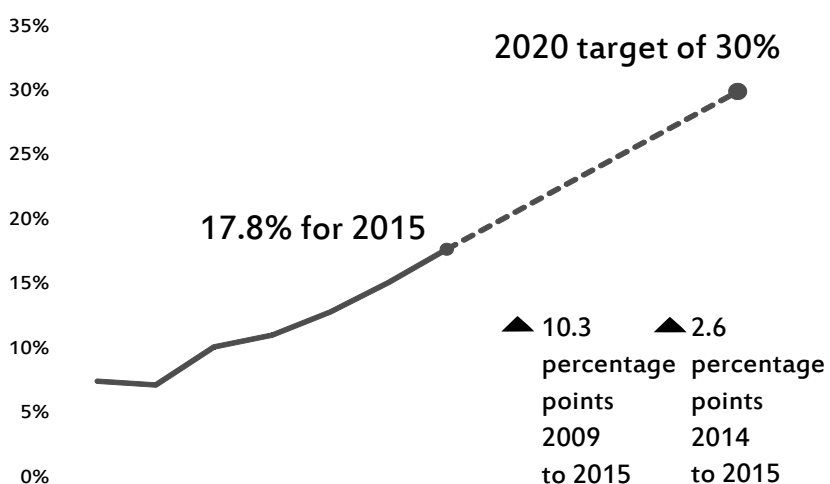
Scotland has a target to deliver the equivalent of 100% of gross electricity consumption from renewables by 2020.

### Renewable Energy Targets - Summary of Latest Progress

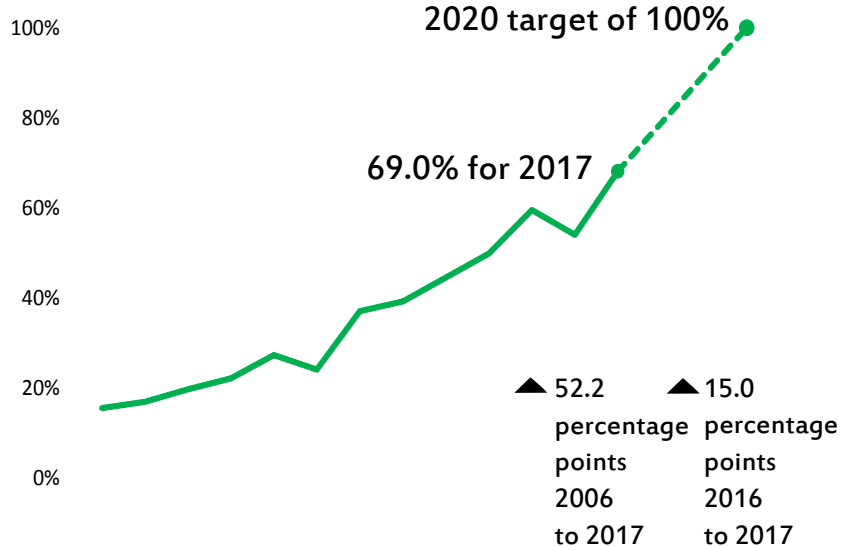
	%	YEAR
Overall Renewable Energy Target 30% of total Scottish energy consumption from renewables by 2020	17.8%	2015
Renewable Electricity Target 100% of gross electricity consumption from renewables by 2020	69.0% <i>prov*</i>	2017
Renewable Heat Target 11% of non-electrical heat demand from renewables by 2020	4.8% <i>prov**</i>	2016
Renewable Transport Target 10% of transport petrol and diesel consumption from biofuels by 2020	3.1%	2017
Energy Consumption Target 12% reduction in total final energy consumption from 2005-07 baseline by 2020	-15.4%	2015

\*Provisional estimate rolls forward gross electricity consumption from previous year. Final figure confirmed in December  
 \*\*Provisional estimate rolls forward heat consumption from previous year. Final figure confirmed in September

### Overall Renewable Energy Target 2009 - 2015



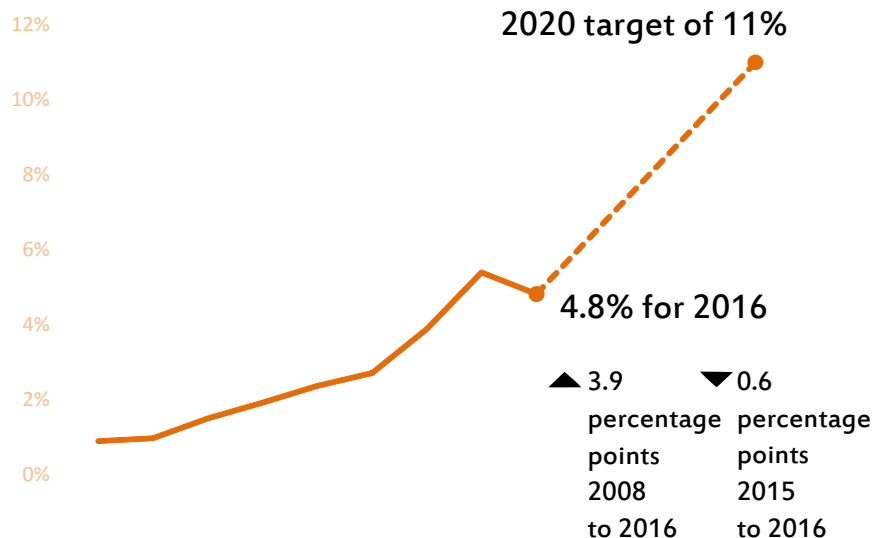
### Renewable Electricity Target 2005 - 2017



## In 2016, 4.8% of heat demand in Scotland was generated from renewable sources.

Scotland has a target to deliver 11% of heat demand from renewable sources by 2020. The drop in 2016 compared to 2015 is primarily due to changes at a small number of large non-domestic sites.

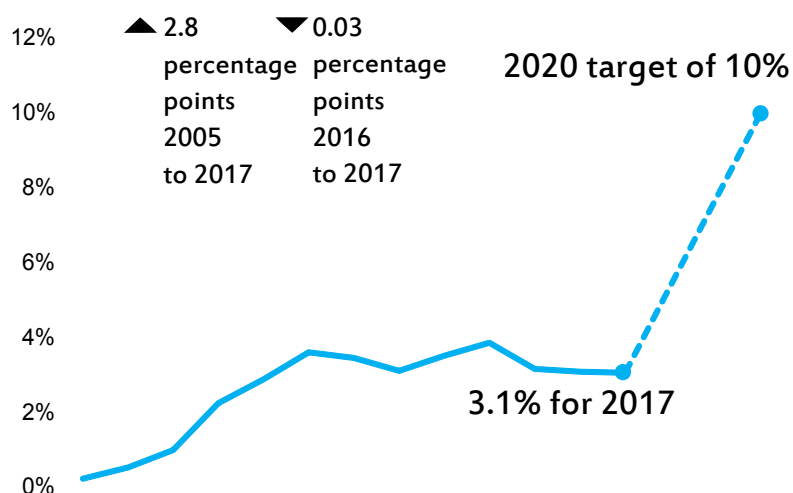
### Renewable Heat Target 2008 - 2016



## In 2017, 3.1% of total transport fuel consumption was accounted for by renewable sources

Scotland has a target to deliver of 10% of transport petrol and diesel consumption from biofuels by 2020.

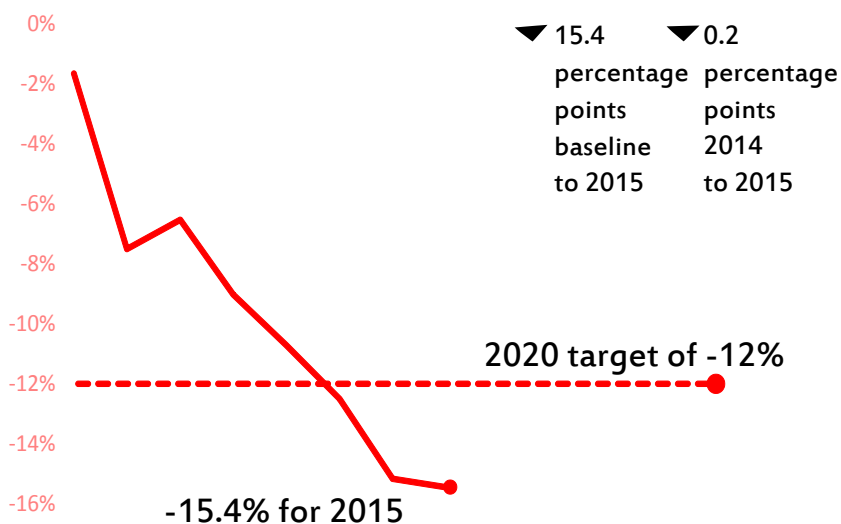
### Renewable Transport Target 2005 - 2017



## In 2015, total final energy consumption was 15.4% lower than the 2005-07 baseline

Scotland has a 2020 target to reduce total final energy consumption by 12% from baseline 2005-07. At -15.4% in 2015, the reduction in energy consumption is already below the level required to meet the 2020 target.

### Energy Consumption Target Baseline (2005-07) - 2015



## 2017 is a record year for renewable electricity generation and met 69.0% of gross electricity consumption

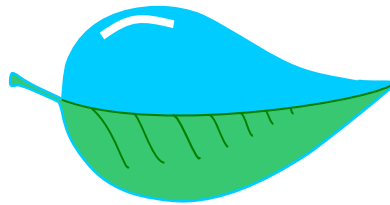
Provisionally in 2017, 69.0% of Scotland's electricity consumption was met by renewables. This figure uses 2016 electricity consumption as a proxy and 2017 consumption will be confirmed in December 2018

### Latest annual data, 2017

In 2017, renewables in Scotland met

# 69.0%

of gross electricity consumption



In 2017, Scottish renewable electricity generation made up approximately

# 25%

of total renewable electricity generation in the UK

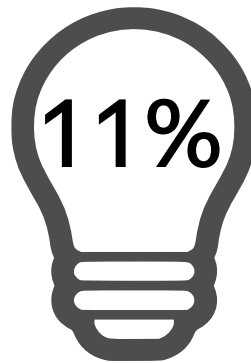


## In Q1 2018, renewable electricity generation in Scotland was 11% greater than Q1 2017

Renewable electricity generation in Q1 2018 was 7,677 GWh, compared to 6,942 GWh in Q1 2017.

### Latest quarter data, Q1 2018

In Q1 2018, total renewable generation was



greater than in Q1 2017

## Q1 2018 is a record quarter for wind generation



up 29%  
on Q1 2017

## In March 2018, 10.4 GW of renewable electricity capacity was operational in Scotland

Data as at December 2018 show that Scotland had 10.4 GW of installed renewable electricity generation capacity, with an additional 10.9 GW of capacity either under construction, awaiting construction or in planning, the majority of which are wind generation projects.

### Renewable Capacity in Scotland (GW), March 2018

