

# Greenhouse Gas Emissions

GHG emissions  
2017 - 2018



**2,239**

tonnes CO<sub>2</sub>e

Baseline 2006-2007  
3,614 tonnes

We've set ourselves  
an ambition to  
reduce emissions  
by 42% by 2019.  
We are currently at:

**-38%**



Total  
GHG  
emissions  
DOWN

**-7.5%**

From 2016-2017



Emissions per FTE  
from 2016-2017  
dropped  
-9% to 1.88t CO<sub>2</sub>e

**SEPA's target is to achieve -42% from 2006-2007 by March 2019**



**HYDROGEN FUEL CELL CAR**  
No emissions at point of use  
 $\frac{1}{3}$  GHG emissions petrol car  
8,000 miles driven

# Building Energy

Electricity down  
**-1.7%**  
-50,000 kWh from 2016-2017

kWh Gas -14%  
-142,000 kWh

Total Greenhouse Gas Emissions as CO<sub>2</sub>e from buildings  
**DOWN 15%**

46,000 kWh electricity saved at  
**ASB**

**EDINBURGH**  
Moving from Clearwater House to Silvan House saved:  
Gas -184,000 kWh  
Electricity -25,000 kWh

# Waste Management

tonnes of waste generated  
**167**  
Down 5.6%  
From last year

66% of our waste recycled

23% of our waste to Materials Recycling Facility  
Energy From Waste plant

11% of our waste went to landfill

CO<sub>2</sub>e Emissions Prevented by Recycling  
**-59 tonnes**

# Travel and Transport

Total travel emissions up from 2016-2017  
**87t or +11%**

Pool vehicle fuel  
up 3% to 84,000 litres

Up 11%  
**ScotRail**  
2.2million km

Flights Miles Increased by 3x  
Flight Nos. Up from 328 to 455

# Transport, Energy & Water Costs

Cost £1.24m  
**+8%**

Energy bills +3%  
**£470,000**

**£86,000**  
**-8%**  
From 2016-2017

**SOLAR PV**  
36,000 kWh exported  
-12.5 tonnes CO<sub>2</sub>e  
£15k income