

Greenhouse Gas Emissions

GHG emissions
2017 - 2018



2,239

tonnes CO₂e

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

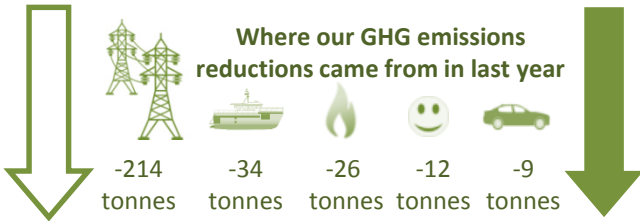
-7.5%

From 2016-2017



Emissions per FTE
from 2016-2017
dropped
-9% to 1.88t CO₂e

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
CO₂e
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

CO₂e
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%
 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 CO₂e
£15k income