

## **Climate Change Report**

### **1. Introduction**

- 1.1** The purpose of this report is to inform and update members about SEStran's responsibilities, as a public body, in relation to the Climate Change Act (Scotland) 2009.

### **2 Background**

- 2.1** In 2015, The Reporting on Climate Change Duties (Scotland) Order 2015 came into force, which required specified Public Bodies, including RTPs, to prepare annual reports on compliance with climate change duties under the Climate Change (Scotland) Act 2009.
- 2.2** This legislation is managed and coordinated on behalf of the Scottish Government by the Sustainable Scotland Network (SSN) team at the environmental charity Keep Scotland Beautiful (KSB).

### **3. Reporting and Responsibilities**

- 3.1** Since SEStran's first year of reporting, our emissions have reduced from 20 tCO<sub>2</sub>e in 2015 to 9.31 tCO<sub>2</sub>e in 2018. This reduction is the result of numerous factors, including the introduction of various policies and initiatives, as detailed below:
- Business Travel Policy
  - Home Working Policy
  - Flexible Working Policy
  - Corporate Procurement Policy

SEStran is committed to reducing its carbon emissions and will continue to engage in relevant projects and policy developments to ensure that this positive decline continues.

### **5. Recommendations**

- 5.1** Board Members are invited to note the content of the report.

## **Appendix 1 – SEStran's Carbon Emissions Reporting 2017/18**

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**Business Support Officer**  
28<sup>th</sup> November 2018

Policy Implications	None
Financial Implications	None
Equalities Implications	None
Climate Change Implications	As detailed in <b>Appendix 1</b> of this report.

## SEStran Carbon Emissions Reporting 2017/18

	Emission Source	Units	Emission Factor	Units	kg CO2e
1	Grid Electricity (generation)	kWh	0.49426	kg CO2e/kWh	
2	Grid Electricity (transmission & distribution losses)	kWh	0.04322	kg CO2e/kWh	
5	Natural Gas	kWh	0.27212	kg CO2e/kWh	
9	Water - Supply	m3	0.3441	kg CO2e/m3	0.00
26	Refuse Commercial & Industrial Landfill	tonnes	199	kg CO2e/tonne	0.00
30	Mixed Recycling	tonnes	21	kg CO2e/tonne	0.00
41	Domestic Flight (average passenger)	passenger km	0.26744	kg CO2/passenger km	0.00
42	Short-haul flights (average passenger)	passenger km	0.15845	kg CO2/passenger km	4,121.32
44	Rail (National Rail)	passenger km	0.04678	kg CO2/passenger km	507.40
45	Car - diesel (average)	passenger km	0.17887	kg CO2/passenger km	47.79
46	Car - petrol (average)	passenger km	0.18568	kg CO2/passenger km	398.33
53	Bus (local bus, not London)	passenger km	0.12259	kg CO2/passenger km	141.62
54	Taxi (black cab)	passenger km	0.21337	kg CO2/passenger km	24.90
Other	Staff Travel to Work	km	various	kg CO2e/km	4,072.39
	Scope 1				0.00
	Scope 2				0.00
	Scope 3				9,313.74
	<b>TOTAL</b>				<b>9,313.74</b>