



REPORT TO SUSTAINABILITY COMMITTEE – 28 AUGUST 2019

CARBON BUDGET 2019/2020 UPDATE

1 Recommendations

The Committee is recommended to:

- 1.1 Consider and comment on the Carbon Budget 2019/20 update, as attached in Appendix 1.
- 1.2 Instruct the Head of Economic Development and Protective Services to provide this report as a bulletin item to all policy committees.

2 Background / Discussion

- 2.1 At the meeting of Aberdeenshire Council on 14 February, 2019, elected members approved the Carbon Budget of 61,786 tCO₂e for 2019/2020.
- 2.2 A required reduction target of 3400 tCO₂e for 2019/20 was set and distributed across the directorates as laid out in the table below:

Directorate	Reduction Target
Business Services	500 tCO ₂ e
Infrastructure Services	2200 tCO ₂ e
Education and Children's Services	600 tCO ₂ e
Health and Social Care Partnership	100 tCO ₂ e
Total Reduction Required	3400 tCO₂e

- 2.3 Actions have already been identified and are under way, with an estimated total reduction of 3435 tCO₂e.
- 2.4 Actions to reduce the CO₂e saving will be led by the relevant Service and, in some cases, reported to the relevant committees. Monitoring of progress will continue to be done through the Sustainability Committee, although updates will also be provided to the appropriate policy committees as an addition to monitoring moving forward.
- 2.5 The Head of Finance and Monitoring Officer within Business Services have been consulted in the preparation of this and their comments are incorporated within the report. They are satisfied that the report complies with the Scheme of Governance and relevant legislation.

3 Scheme of Governance

- 3.1 The Committee is able to consider and take a decision on this item in terms of Section S, paragraph 1.1 (a) of the List of Committee Powers in Part 2A of the

Scheme of Governance, as it relates to monitoring the Council's work in respect of sustainable development and climate change.

4 Implications and Risk

- 4.1 An Equality Impact Assessment is not required because there are no direct material outcomes from this report and it will not have a differential impact on any of the protected characteristics.
- 4.2 There are no direct staffing or financial implications arising from this report.
- 4.3 The following Risks have been identified as relevant to this matter on a Corporate Level – Risk ID ACORP010, as it relates to environmental challenges and Risk ID ACORP006, as it relates to reputation management within the Corporate Risk Register. The following Risks have been identified as relevant to this matter on a Strategic Level – Risk ID ISSR004, as it relates to Climate Change in the Directorate Strategic Risk Register.
- 4.4 A Town Centre Impact Assessment was not completed because there are no direct material outcomes from this report and it will therefore not have an impact on Town Centres.

Stephen Archer
Director of Infrastructure Services

Report prepared by: Claudia Cowie, Team Leader Sustainability & Climate Change
22 July, 2019

Appendix 1: Carbon Budget Update 2019/20

Summary of Carbon Budget Monitoring 2019/20 by Service						
	Base Budget 2019/20 tCO2e	Forecast 2019/20 tCO2e	Forecast Savings			Comments
			Better than Budget tCO2e	Worse than Budget tCO2e	Net Variance tCO2e	
Business Services	500	474	0	(26)	(26)	An additional saving of 26 tCO2e is required from BS in order to achieve the Service target however projects from other services mean the overall estimated total emissions reduction has surpassed the target.
Infrastructure Services	2200	2202	2	0	2	Currently ISS is supporting the CB with an additional 2 tCO2e going towards the overall target reduction of 3400.
Education and Children's Services	600	659	59	0	59	Currently E&CS is supporting the CB with an additional 59 tCO2e going towards the overall target reduction of 3400.
Health and Social Care Partnership	100	100	0	0	0	Currently behaviour change projects have the H&SCP on track for their target.
Total	3400	3435	61	(26)	35	Currently on track to reach 2019/20 reduction target.

Summary of Carbon Budget Monitoring 2019/20 by Service									
	Base Budget	May-19 Forecast	Aug-19 Forecast	Nov-19 Forecast	Feb-20 Forecast	Forecast Savings			Comments
	2019/20	2019/20	2019/20	2019/20	2019/20	Better than Budget	Worse than Budget	Net Variance	
	tCO2e	tCO2e	tCO2e	tCO2e	tCO2e	tCO2e	tCO2e	tCO2e	
Business Services	500	474	474				(26)	(26)	
1.1 Energy Efficiency Measures	200	200	200						
1.2 Office Rationalisation		63	63						
1.3 Depot Strategy - Rationalisation		88	88						
1.4 Asset Review & Disposal		16	16						
1.5 PVs and EV chargers at proposed new Mintlaw and Inverurie Depot									
1.6 Continued expansion of pool vehicle scheme capacity	10	10	10						August Update – Pool cars will now be transferred to the Transportation team as of September.

Infrastructure Services	2200	2202	2202			2		2	Currently ISS is supporting the CB with an additional 2 tCO2e going towards the overall target reduction of 3400.
2.1 Three Hydrogen vehicles and two electric vehicles added to the Fleet									
2.2 Replace some existing diesel vans with Electric cars/vans									
2.3 Use Telematics to reduce idling and improve vehicle utilisation/route efficiency									August Update – Continuing work on a plan for training officers in utilising data created through the system
2.4 Introduce more electric powered mowers									
2.5 Injection Patching Machine.	61	61	61						August Update – Machine has been delivered
2.6 Change from Kerosene to LPG at 3 Quarry sites.	239	239	239						August Update – Tender has been chosen and dates have now been agreed for the project to begin.
2.7 Installation of EV Chargers in Council Offices and Depots.									August Update: Charge points are going to be fitted in the following locations subject to feasibility checks after approval for funding from Transport Scotland has been granted (£300,000): <ul style="list-style-type: none"> • Inverurie Community Campus • Ellon Community Campus • Peterhead Town Centre and Academy site • Alford Community Campus

2.13 Crow's Nest Further projects - Leachate Pond										New Project added in May - carbon savings will be linked to the leachate no longer being driven offsite to be treated during colder months.
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	2019/20	2019/20	2019/20	2019/20	2019/20	Better than Budget	Worse than Budget	Net Variance	
	tCO2e	tCO2e	tCO2e	tCO2e	tCO2e	tCO2e	tCO2e	tCO2e	
Education and Children's Services	600	659	659			59		59	Currently E&CS is supporting the CB with an additional 59 going towards the overall target reduction of 3400.
3.1 Macduff Aquarium - Replace Seawater chiller.									August Update: A new seawater chiller and replacement pumps are currently being procured. Both pieces of equipment will be energy efficient models and this is being partly funded by the Renewable Energy Reserve.
3.2 Education Green Champion Programme – to be rolled out across all 17 academies. Energy efficiency behaviour change actions will be rolled out across other services also.	634	634	634						August Update – New ABC Behaviour Change programme up and running with new officer in place to support. This is not running in our schools – hope to roll out the Green Schools

									initiative across Academies for this.
3.3 Waste to Landfill Reduction.	25	25	25						August Update – Progress is ongoing with Resources and Circular Economy Commitment and Framework Waste Service has lowered food waste collection costs to match general waste cost to engage more Council buildings to add food waste collections.
3.4 LED Lighting at Ski Centre - Alford & Huntly									New Project added in May – calculations still to be determined.

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	2019/20	2019/20	2019/20	2019/20	2019/20	Better than Budget	Worse than Budget	Net Variance	
	tCO2e	tCO2e	tCO2e	tCO2e	tCO2e	tCO2e	tCO2e	tCO2e	
Health and Social Care Partnership	100	100	100			0	0	0	Currently behaviour change projects have the H&SCP on track for their target.

4.1 Reduction in business miles by improved planning of journeys for home care staff, health visitors, district nurses, AHPs.									
4.2 Energy efficiency Behaviour Change actions throughout all services.	97	97	97						August Update – New ABC Behaviour Change programme up and running with new officer in place to support.
4.3 Reduction in waste by increased recycling of waste products and by re-use utilising Warplt.	3	3	3						August Update – Progress is ongoing with Resources and Circular Economy Commitment and Framework Waste Service has lowered food waste collection costs to match general waste cost to engage more Council buildings to add food waste collections.

