Public Bodies Climate Change Duties Compliance Reporting Template 2021/22

1.Overview

This template is provided for public bodies required to report annually in accordance with the Climate Change (Duties of Public Bodies Reporting Requirements) (Scotland) Order 2015, as amended by the Climate Change (Duties of Public Bodies: Reporting Requirements) (Scotland) Amendment Order 2020 which took effect for reporting periods commencing on or after 1 April 2021.

Reports must be submitted to ccreporting@ed.ac.uk by 30th November. Late submissions may not be accepted for analysis and may be classed as non-compliant with Public Bodies Duties legislative reporting requirements.

2. Guidance

1. Please save-as this workbook with your organisation's name in the title before completing
2. Question 1f must be completed to ensure the correct emission factors are applied in Q3b,
3. If you need to add more rows please email the file to ccreporting@ed.ac.uk
4. Hybrid/homeworking emissions - please include an estimate of FTEs working remotely - hybrid/home in the designated row provided in table 3b
   In order for this to be calculated correctly the total no. of FTEs must be entered in Q1c
5. Local Authorities completeing the recommended tab should select their local authority region at the top of the sheet
   and their emissions will be provided automatically from BEIS datasets

3. Colour Coding used in the template

	Dropdown box - select from list of options
	Uneditable/fixed entry cell
	Editable cell

Public Sector Report on Compliance with Climate Change Duties 2022 Template

PART 1 Profile of Reporting Body

1a Name of reporting body
Provide the name of the listed body (the "body") which prepared this report.

Angus Council

1b Type of body
Select from the options below

Local Government

1c Highest number of full-time equivalent staff in the body during the report year

4712 THIS MUST BE COMPLETED

1d Metrics used by the body
Specify the metrics that the body uses to assess its performance in relation to climate change and sustainability.

Metric	Units	Value	Comments
Floor area	m2	263951.00	Source: Property Estates Team
Please select from drop down box			
Please select from drop down box			
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Other (please specify in comments)			
Other (please specify in comments)			
Other (please specify in comments)			
Other (please specify in comments)			
Other (please specify in comments)			
Other (please specify in comments)			
Other (please specify in comments)			

1e Overall budget of the body
Specify approximate £/annum for the report year.

Budget	Budget Comments
£294,000,000	Source: Finance

1f Report type
Specify the report year type

Report type	Report year comments
Financial	1st April 2021 to 31st March 2022

THIS MUST BE COMPLETED

1g Context
Provide a summary of the body's nature and functions that are relevant to climate change reporting.

The local authority comprises of two services within a diverse estate. The scope of this report covers operational estate and emissions that the Council directly controls.
The built estate incorporates offices, schools/nurseries and community buildings.
Since December 1st 2015, all leisure/ library/museum buildings are operated by Angus Alive (Cultural and Leisure Trust). The Council continues to share facilities and asset mangement of these properties.
The Council has operational fleet.
Staff business mileage is calculated, commuting is not included.
The Council also records emissions which arise from municipal waste & recycling, and from water supply and treatment.

Public Sector Report on Compliance with Climate Change Duties 2022 Template

PART 2 Governance, Management and Strategy

Governance and management

2a How is climate change governed in the body?

Provide a summary of the roles performed by the body's governance bodies and members in relation to climate change. If any of the body's activities in relation to climate change sit outside its own governance arrangements (in relation to, for example, land use, adaptation, transport, business travel, waste, information and communication technology, procurement or behaviour change), identify these activities and the governance arrangements. Provide a diagram / chart to outline the governance structure within the body.

Responsibility for governing climate change lies with the Transition to Net Zero Working Group. The working group consists of representatives from various team within Angus Council that have a climate change influence. The working group will oversee the completion of the actions and projects within the Transition to Net Zero Action Plan and champion climate change action within Angus Council.

Elected Members are invited to attended Transition to Net Zero / Climate Change briefing sessions.

The Environment & Climate Change Team lead the working group and support the working group to complete the actions / projects within the Transition to Net Zero Action Plan, and update through Angus Council's performance management system Pentana.

<Insert Diagram Here or Attach File>

2b How is climate change action managed and embedded in the body?

Provide a summary of how decision-making in relation to climate change action by the body is managed and how responsibility is allocated to the body's senior staff, departmental heads etc. If any such decision-making sits outside the body's own governance arrangements (in relation to, for example, land use, adaptation, transport, business travel, waste, information and communication technology, procurement or behaviour change), identify how this is managed and how responsibility is allocated outside the body. Provide a diagram to show how responsibility is allocated to the body's senior staff, departmental heads etc.

The Transition to Net Zero Working Group champion climate change action and aim to embed it within Angus Council. The day to day management of climate change action lies with the Environment & Climate Change Team.
Within the working group, there are five themed subgroups to allow collaboration and support to complete the actions and projects within in the Transition to Net Zero Action Plan. The five themed subgroups are: Leadership, Governance & Procurement, Buildings, Energy & Infrastructure, Waste, Recycling & Circular Economy, Fleet & Business Travel and Land Use Adaptation.

The Transition to Net Zero Working Group and the Sub Groups will meet four times a year. Elected Members will have three Transition to Net Zero / Climate Change briefing sessions per year.

Progress on climate change action and carbon emissions reductions are reported annually via the Public Bodies Climate Change Duties Reporting, the Angus Council Transition to Net Zero Action Plan and the area wide SECAP (Sustainable Energy Action & Climate Plan).

Angus Council are currently recruiting an Officer who will be responsible for the delivery, monitoring and reporting of the area wide SECAP.

Within the Angus Council Transition to Net Zero Action Plan: 2022 to 2030 targets have been set to reduce Angus Councils operational emissions and to drive climate change action. The targets are inline with the Scottish Government of a 75% reduction in emissions by 2030, 90% reduction by 2040 and Net Zero by 2045.
Angus Council has set an area wide target of a regional Net Zero carbon status by the year 2045.

<Insert Diagram Here or Attach File>

Strategy

2c Does the body have specific climate change mitigation and adaptation objectives in its corporate plan or similar document?

Provide a brief summary of objectives if they exist.

Wording of objective	Name of document	Document Link
LOIP Outcomes include: Inclusive & Sustainable Economy. Safe, Secure,Vibrant & Sustainable Communities. Reduced Carbon Footprint.	Angus Local Outcomes Improvement Plan 2017-2030	https://www.angus.gov.uk/media/community_plan
Our Purpose: Reduce the impact of climate change by being a major contributor to achieving Scotland's national climate change goals, as leaders in clean growth, environmental stewardship and sustainability. Priority 1: Economy - make Angus a low-carbon, sustainable area. Priority 3: Place - continue to reduce the council's carbon footprint with the aim of reducing our net carbon emissions to zero by 2045.	Council Plan 2022 to 2025	https://www.angus.gov.uk/council_and_democracy/council_information/plans_policies_and_strategies/council_plan_2022_to_2025

2d Does the body have a climate change plan or strategy?

If yes, provide the name of any such document and details of where a copy of the document may be obtained or accessed.

Angus Council Transition to Net Zero Action Plan: 2022 to 2030
Council operational emissions only.
https://www.angus.gov.uk/the_environment/sustainable_angus/climate_change

Sustainable Energy & Climate Action Plan (SECAP)
Area wide emissions.
https://www.angus.gov.uk/the_environment/sustainable_angus/climate_change

2e Does the body have any plans or strategies covering the following areas that include climate change?

Provide the name of any such document and the timeframe covered.

Topic area	Name of document	Link	Time period covered	Comments
Adaptation	Sustainable Energy & Climate Action Plan (SECAP)	https://www.angus.gov.uk/the_environment/sustainable_angus/climate_change		Approved by Angus Council Committee on 04/11/2021
Business travel	Angus Council Active and Sustainable Travel Action Plan	https://www.angus.gov.uk/sites/default/files/2021-02/43_App3.pdf	2020-24	Approved by Angus Council Communities Committee on 23/02/21
Staff Travel	Angus Council Active and Sustainable Travel Action Plan	https://www.angus.gov.uk/sites/default/files/2021-02/43_App3.pdf	2020-24	Approved by Angus Council Communities Committee on 23/02/21
Energy efficiency	Energy Annual Report 2020/21	https://www.angus.gov.uk/sites/default/files/2021-12/Report%20378_21%20Info%20ReportSch1.pdf	2020/21	Annual report on energy consumption and energy expenditure.
Fleet transport	Vehicle Replacement Programme for 2021/22	https://www.angus.gov.uk/sites/default/files/2021-04/118.pdf	2021/22	Approved by Angus Council Communities Committee on 20/04/2021
ICT	No specific strategy but ongoing reports via the Change Programme on the Agile Working & Estates Review			
Renewable energy	Angus Council Transition to Net Zero Action Plan: 2022 to 2030 Sustainable Energy & Climate Action Plan (SECAP)	https://www.angus.gov.uk/the_environment/sustainable_angus/climate_change	2022-30 2020-30	Plans cover Angus Councils operational emissions and Angus area wide.
Sustainable/renewable heat	Angus Council Transition to Net Zero Action Plan: 2022 to 2030 Sustainable Energy & Climate Action Plan (SECAP)	https://www.angus.gov.uk/the_environment/sustainable_angus/climate_change	2022-30 2020-30	Angus Council Transition to Net Zero Action Plan: 2022 to 2030 covers Angus Councils operational emissions, approved by Angus Council Committee 08/09/2022. Sustainable Energy & Climate Action Plan (SECAP) cover Angus area-wide emissions, approved by Angus Council Committee 04/11/2021
Waste management	Update of the Waste & Recycling Bin Policy	https://www.angus.gov.uk/sites/default/files/2021-09/312_Update%20of%20the%20Waste%20and%20Recycling%20Bin%20Policy.pdf	2021 onwards	Approved by Angus Council Communities Committee on 28/09/2021
Water and sewerage	Water Annual Report 2020/21	https://www.angus.gov.uk/sites/default/files/2021-12/Report%20378_21%20Info%20ReportSch2.pdf	2020/21	Annual report on water consumption and water and drainage expenditure.
Land Use	River South Esk Catchment Partnership Management Plan and Review 2017.	http://theriversouthesk.org/assets/Docs/river-south-esk-plan-dec09.pdf https://www.angus.gov.uk/media/the_river_south_esk_catchment_management_plan_review_2017	2009 onwards	
Other (please specify in comments)				
Land Use	Angus Local Development Plan 2016-2026	https://www.angus.gov.uk/directories/document_category/development_plan	2016-26	Preparation of new plan will follow provisions of the Planning (Scotland) Act 2019. On adoption National Planning Framework 4 will form part of the Development Plan.
Land Use	Strategic Development Plan (Tayplan) 2016 - 2036	https://www.tayplan-sdpa.gov.uk/strategic_development_plan	2016-36	Action Programme Update published June 2019. No further work. SDP function ceases under provisons of Planning (Scotland) Act 2019 on adoption of National Planning Framework 4 (sometime in 2023)
Land Use	Angus Shoreline Management Plan 2	https://www.angus.gov.uk/media/smp2-main-document	2017 onwards	
Other (please specify in comments)	Angus Economic Strategy	http://www.angus.gov.uk/sites/angus-cms/files/Angus_Economic_Development_Strategy_2013_2020.pdf	2013-20	Economic development with links to circular and low carbon economy. New Local Economic Strategy will be prepared 2022/2023.
Renewable energy	Strategic landscape Capacity Study for Wind Energy in Angus (2014 with figs. 6.2 & 6.4 updated 2016)	https://www.angus.gov.uk/planning_and_building/environment_and_development_planning/development_plan	ongoing	
Renewable energy	Strategic Landscape Capacity Study for Solar Voltaic Energy in Angus (2016)	https://www.angus.gov.uk/planning_and_building/environment_and_development_planning/development_plan	ongoing	
Land Use	Angus Woodland & Forestry Framework (2011)	https://www.angus.gov.uk/sites/default/files/2017-05/Angus%20Woodland%20and%20Forestry%20Framework.pdf		Work to progress Angus Forestry & Woodland Strategy to comply with Planning (Scotland) Act 2019 will be progressed 2022/23.
Water and sewerage	Local Flood Risk Management Plans	https://www.angus.gov.uk/media/tay_estuary_and_montrose_basin_local_flood_risk_management_plan AND https://www.pkc.gov.uk/media/36487/Tay-Local-Flood-Risk-Management-Plan/pdf/Tay_LFRM_Plan_FINAL_Updated_links.pdf?lm=636729546384700000	2016-22	Local Flood Risk Management Plans for 2016-22 with second cycle in development for 2022-28.
Adaptation	Angus Local Housing Strategy 2017-22	https://www.angus.gov.uk/sites/angus-cms/files/2018-02/local%20Housing%20Strategy%202017-22_0.pdf	ongoing	Ongoing monitoring of LHS 2017-22. Work underway for LHS 2022-27.
Land Use	Tayside Local Biodiversity Action Plan 2016-26	http://www.taysidebiodiversity.co.uk/wp-content/uploads/2016/08/Tayside-LBAP-report-introduction.pdf	2016-26	
Other (please specify in comments)	Angus Council Transition to Net Zero Action Plan: 2022 to 2030	https://www.angus.gov.uk/the_environment/sustainable_angus/climate_change	2022-30	Action Plan to reduce Angus Councils operational emissions by 75% by 2030, enroute to Net Zero by 2045.
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Public Sector Report on Compliance with Climate Change Duties 2022 Template

PART 3 Corporate Emissions, Targets and Project Data

Emissions

3a Emissions from the start of the year which the body uses as a baseline (for its carbon footprint) to the end of the report year

Complete the following table using the greenhouse gas emissions total for the body calculated on the same basis as for its annual carbon footprint / management reporting or, where applicable, its sustainability reporting. Include greenhouse gas emissions from the body's estate and operations (a) (measured and reported in accordance with Scopes 1 & 2 and, to the extent applicable, selected Scope 3 of the Greenhouse Gas Protocol (b). If data is not available for any year from the start of the baseline year to the end of the report year, provide an explanation in the comments column.

(a) No information is required on the effect of the body on emissions which are not from its estate and operations.

(b) This refers to "The greenhouse gas protocol. A corporate accounting and reporting standard (revised edition)", World Business Council for Sustainable Development, Geneva, Switzerland / World Resources Institute, Washington DC, USA (2004), ISBN: 1-56973-568-9.

ENSURE QUESTION 1f IS COMPLETED BEFORE STARTING THIS SECTION, THEN SELECT APPROPRIATE BASELINE YEAR

Reference year	Year	Year type	Scope 1	Scope 2	Scope 3	Total	Units	Comments
Baseline Year	2010/11	Financial	11,170	13,848	-	25,018	tCO_2e	2010/11 is the baseline year for the Carbon Management Plan. Full data is available for Scopes 1 & 2 and has been verified through the Carbon Trust Standard. Reliable historical data relating to Scope 3 is not available
Year 1 carbon footprint	2011/12	Financial	10,490	13,452	7,485	31,427	tCO_2e	Full data is available for Scopes 1 & 2 and has been verified through the Carbon Trust Standard. Scope extended to include waste and water.
Year 2 carbon footprint	2012/13	Financial	11,751	13,727	11,105	36,583	tCO_2e	Full data is available for Scopes 1 & 2 and has been verified through the Carbon Trust Standard. Scope extended to include waste and water.
Year 3 carbon footprint	2013/14	Financial	10,766	13,295	8,870	32,931	tCO_2e	Full data is available for Scopes 1 & 2 and has been verified through the Carbon Trust Standard. Scope extended to include waste and water.
Year 4 carbon footprint	2014/15	Financial	10,385	13,674	7,229	31,288	tCO_2e	Full data is available for Scopes 1 & 2 and has been verified through the Carbon Trust Standard. Scope extended to include waste and water.
Year 5 carbon footprint	2015/16	Financial	9,870	12,477	8,580	30,927	tCO_2e	Full data is available for Scopes 1 & 2 and has been verified through the Carbon Trust Standard. Scope extended to include waste and water. SCOPE 3 EMISSIONS AMENDED DUE TO WASTE INCINERATION ASH WRONGLY INCLUDED IN MUNICIPAL & COMMERCIAL LANDFILL TONNAGE DATA. CALCS IN SEPERATE SHEET. To make SSN aware when submit 2021/22 report.
Year 6 carbon footprint	2016/17	Financial	9,078	10,534	10,169	29,781	tCO_2e	Full data is available for Scopes 1 & 2 and has been verified through the Carbon Trust Standard. Scope extended to include waste and water. SCOPE 3 EMISSIONS AMENDED DUE TO WASTE INCINERATION ASH WRONGLY INCLUDED IN MUNICIPAL & COMMERCIAL LANDFILL TONNAGE DATA. CALCS IN SEPERATE SHEET. To make SSN aware when submit 2021/22 report.
Year 7 carbon footprint	2017/18	Financial	9,421	8,498	10,121	28,040	tCO_2e	Full data is available for Scopes 1 & 2 and has been verified through the Carbon Trust Standard. Scope extended to include waste and water. SCOPE 3 EMISSIONS AMENDED DUE TO WASTE INCINERATION ASH WRONGLY INCLUDED IN MUNICIPAL & COMMERCIAL LANDFILL TONNAGE DATA. CALCS IN SEPERATE SHEET. To make SSN aware when submit 2021/22 report.
Year 8 carbon footprint	2018/19	Financial	9,044	6,492	2,297	17,833	tCO_2e	Full data is available for Scopes 1, 2 & 3. SCOPE 3 EMISSIONS AMENDED DUE TO WASTE INCINERATION ASH WRONGLY INCLUDED IN MUNICIPAL & COMMERCIAL LANDFILL TONNAGE DATA. CALCS IN SEPERATE SHEET. To make SSN aware when submit 2021/22 report.
Year 9 carbon footprint	2019/20	Financial	9,134	5,473	2,455	17,062	tCO_2e	Full data is available for Scopes 1, 2 & 3. SCOPE 3 EMISSIONS AMENDED DUE TO WASTE INCINERATION ASH WRONGLY INCLUDED IN MUNICIPAL & COMMERCIAL LANDFILL TONNAGE DATA. CALCS IN SEPERATE SHEET. To make SSN aware when submit 2021/22 report.
Year 10 carbon footprint	2020/21	Financial	8,989	4,271	3,073	16,333	tCO_2e	Full data is available for Scopes 1, 2 & 3. Added in homeworking emissions 03/08/2022. SCOPE 3 EMISSIONS AMENDED DUE TO WASTE INCINERATION ASH WRONGLY INCLUDED IN MUNICIPAL & COMMERCIAL LANDFILL TONNAGE DATA. CALCS IN SEPERATE SHEET. To make SSN aware when submit 2021/22 report.
Year 11 carbon footprint	2021/22	Financial	10,282	4,749	2,331	17,362	tCO_2e	Full data is available for Scopes 1, 2 & 3.
Year 12 carbon footprint	0	Financial				-	tCO_2e	
Year 13 carbon footprint	0	Financial				-	tCO_2e	
Year 14 carbon footprint	0	Financial				-	tCO_2e	
Year 15 carbon footprint	0	Financial				-	tCO_2e	

3b Breakdown of emissions sources

Complete the following table with the breakdown of emission sources from the body's most recent carbon footprint (greenhouse gas inventory); this should correspond to the last entry in the table in 3(a) above. Use the 'Comments' column to explain what is included within each category of emission source entered in the first column. If there is no data consumption available for an emission source enter the emissions in kgCO2e in the 'Consumption' column of one of the "Other" rows and assign the scope and an emission factor of 1.

(a) Emissions factors are published annually by the UK Department for Business, Energy & Industrial Strategy

Emission Factor Year: 2021 — The emission factor year is auto-assigned based on your answer to Q1f, if it is incorrect please contact SSN.

You can now filter emission sources by "type" in column C to enable quicker selection of emission source in column D.

User defined emission sources can be entered below remote/homeworking emissions - rows 101 to 129. If you require extra rows in the table please send the template to ccreporting@ed.ac.uk.

Emission	Emission source	Scope	Consumption data	Units	Emission factor	Units	Emissions (tCO_2e)	Comments
Electricity	Grid Electricity (generation)	Scope 2	22,366,142	kWh	0.21233	kg CO2e/kWh	4,749.0	Source: Energy Team
Electricity	Grid Electricity (transmission & distribution losses)	Scope 3	22,366,142	kWh	0.01879	kg CO2e/kWh	420.3	Source: Energy Team
Fuels	Natural Gas	Scope 1	40,862,052	kWh	0.18316	kg CO2e/kWh	7,484.3	Source: Energy Team
Fuels	Gas Oil kWh	Scope 1	462,869	kWh	0.25679	kg CO2e/kWh	118.9	Source: Energy Team
Fuels	Burning Oil (Kerosene) kWh	Scope 1	854,690	kWh	0.24677	kg CO2e/kWh	210.9	Source: Energy Team
Biofuels	Biomass (Wood Chips)kWh	Scope 1	1,354,365	kWh	0.01513	kg CO2e/kWh	20.5	Source: Energy Team
Biofuels	Biomass (Wood Pellets) kWh	Scope 1	9,600	kWh	0.01513	kg CO2e/kWh	0.1	Source: Energy Team
Fuels	LPG kWh	Scope 1	9,540	kWh	0.21449	kg CO2e/kWh	2.0	Source: Energy Team
Water	Water - Supply	Scope 3	140,947	m3	0.11000	kg CO2e/m3	15.5	Source: Energy Team
Water	Water - Treatment	Scope 3	123,892	m3	0.23000	kg CO2e/m3	28.5	Source: Energy Team
Transport	Average Car - Unknown Fuel	Scope 3	2,320,116	km	0.17148	kg CO2e/km	397.9	Source: Staffing Section
Fuels	Diesel (average biofuel blend)	Scope 1	973,267	litres	2.51233	kg CO2e/litre	2,445.2	Source: Tayside Contracts
Waste	Organic Food & Drink AD	Scope 3	3,299	tonnes	8.95070	kgCO2e/tonne	29.5	Source: Waste Management
Waste	Organic Food & Drink Composting	Scope 3	9,136	tonnes	8.95070	kgCO2e/tonne	81.8	Source: Waste Management
Waste	Batteries Recycling	Scope 3	4	tonnes	21.29357	kg CO2e/tonne	0.1	Source: Waste Management
Waste	Glass Recycling	Scope 3	334	tonnes	21.29357	kgCO2e/tonne	7.1	Source: Waste Management
Waste	Metal Cans (Mixed) & Metal Scrap Recycling	Scope 3	828	tonnes	21.29357	kgCO2e/tonne	17.6	Source: Waste Management
Waste	Mixed recycling	Scope 3	10,708	tonnes	21.29357	kg CO2e/tonne	228.0	Source: Waste Management
Waste	Paper & Board (Mixed) Recycling	Scope 3	1,125	tonnes	21.29357	kgCO2e/tonne	24.0	Source: Waste Management
Waste	WEEE (Mixed) Recycling	Scope 3	1,085	tonnes	21.29357	kgCO2e/tonne	23.1	Source: Waste Management
Waste	Refuse Municipal /Commercial /Industrial to Combustion	Scope 3	21,936	tonnes	21.29357	kgCO2e/tonne	467.1	Source: Waste Management
Waste	Refuse Commercial & Industrial to Landfill	Scope 3	77	tonnes	467.04580	kgCO2e/tonne	36.0	Source: Waste Management
Waste	Refuse Municipal to Landfill	Scope 3	293	tonnes	446.24150	kgCO2e/tonne	130.7	Source: Waste Management
Please select from drop down box	Please select from drop down box	Please select from drop down box					-

Emissions source	Total estimated annual carbon savings (tCO_2e)	Comments
Electricity	15	ACROP and Arbroath BY LED lighting
Natural gas	-	
Other heating fuels	-	
Waste	-	
Water and sewerage	-	
Travel	-	
Fleet transport	-	
Other (please specify in comments)	-	
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Total	**15**	

3f **Detail the top 10 carbon reduction projects to be carried out by the body in the report year**
Provide details of the 10 projects which are estimated to achieve the highest carbon savings during report year.

Project name	Funding source	First full year of CO_2e savings	Are these savings figures estimated or actual?	Capital cost (£)	Operational cost (£/annum)	Project lifetime (years)	Primary fuel/emission source saved	Estimated carbon savings per year (tCO_2e/annum)	Estimated costs savings (£/annum)	Behaviour Change	Comments
LED lighting upgrades (internal lighting)	Capital Budget	2021/22	Estimated	37,940	not known	20	Grid Electricity (generation)	15	£12,254	No	Source: Energy Team
		Please select from drop down box	Please select from drop down box				Please select from drop down box			Please select from dropdown box	
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3g **Estimated decrease or increase in the body's emissions attributed to factors (not reported elsewhere in this form) in the report year**
If the emissions increased or decreased due to any such factor in the report year, provide an estimate of the amount and direction

Emissions source	Total estimated annual emissions (tCO_2e)	Increase or decrease in emissions	Comments
Estate changes	-	Please select from drop down box	Majority of changes will already have been accounted for in previous sections
Service provision	-	Please select from drop down box	Majority of changes will already have been accounted for in previous sections
Staff numbers	-	Please select from drop down box	Majority of changes will already have been accounted for in previous sections
Other (please specify in comments)		Please select from drop down box	
Please select from drop down box		Please select from drop down box	
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Please select from drop down box		Please select from drop down box	
Please select from drop down box		Please select from drop down box	
Total		-	

3h **Anticipated annual carbon savings from all projects implemented by the body in the year ahead**
If no projects are expected to be implemented against an emissions source, enter "0".
If the organisation does not have any information for an emissions source, enter "Unknown".
If the organisation does not include the emissions source in its carbon footprint, enter "N/A".

Emissions source	Total estimated annual carbon savings (tCO_2e)	Comments
Electricity	117	3 large solar PV projects (Websters SC/HS, Brechin CC & Carnoustie HS Retained)
Natural gas		
Other heating fuels		
Waste		
Water and sewerage		
Travel		
Fleet Transport		
Other (please specify in comments)		
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Please select from drop down box		
Total	**117**	

3i **Estimated decrease or increase in emissions from other sources in the year ahead**
If the body's corporate emissions are likely to increase or decrease for any other reason in the year ahead, provide an estimate of the amount and direction.

Emissions source	Total estimated annual emissions (tCO_2e)	Increase or decrease in emissions	Comments
Estate changes	-	Please select from drop down box	Majority of changes will already have been accounted for in previous sections
Service provision	-	Please select from drop down box	Majority of changes will already have been accounted for in previous sections
Staff numbers	-	Please select from drop down box	Majority of changes will already have been accounted for in previous sections
Other (please specify in comments)		Please select from drop down box	
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Total		-	

3j **Total carbon reduction project savings since the start of the year which the body used as a baseline for its carbon footprint**
If the body has data available, estimate the total emissions savings made from projects since the start of that year ("the baseline year").

Total savings	Total estimated emissions savings (tCO_2e)	Comments
Total project savings since baseline year	7,522	since 2016/17 (energy projects added yearly. Streetlighting 17/18 only. Waste 18/19 only.)

Further information

3k **Supporting information and best practice**
Provide any other relevant supporting information and any examples of best practice by the body in relation to corporate emissions, targets and projects.

Waste Management: Household waste recycling rates are not ratified by SEPA until September thus we can only report on 2020 data at this stage. In 2020 Angus Council had the highest local authority household recycling rate in Scotland (57.9%) and had a carbon impact of 96,806 TCO2e, which was the ninth lowest carbon impact in Scotland. We had a landfill rate of 5.8% which was the third lowest in Scotland. In 2019 we removed the non-recyclable waste skips from our smaller recycling centres which increased the recycling rate across recycling centres in Angus. This initiative continues to provide good results, with a recycling centre recycling rate of 64.27% in 2021, up from 61.26% in 2020 (2020 was impacted by COVID).

Property Assets - Energy: Two large solar PV installations weren't completed during 2021/22 due to issues with the supply of materials and the principal contractor going into Administration during the works. Staffing issues have made it almost impossible to progress more projects and large scale projects - time has had to be focussed on day to day operations. APSE Energy have been approached to look at 3 buildings for Net Zero retrofits, the outcome of this will enable the Energy Team to take the recommendations and costs, and apply them to other buildings to create a programme of Net Zero works.
Comparing the energy consumption of 2020/21 v 2021/22, 2021/22 increased by approx. 19% - this is down to the impacts of covid-19 during 2020/21 which reduced property occupation / operation across the whole council estate. 2021/22 saw the gradual reopening of buildings, but with extra ventilation requirements. These increased ventilation requirements, and in turn heating requirements, have lead to an increase in energy consumption / CO2 emissions.

Capital Projects Team - a Primary School and Community Campus are to be included in an EnerPHit study to see what it would take to bring them up to the Passivhaus refurbishment/retrofit standard. Again, the results of this will be applied to other schools to determine their potential savings and works costs.

Public Sector Report on Compliance with Climate Change Duties 2022 Template

PART 4 Adaptation

Assessing and managing risk

4a **Has the body assessed current and future climate-related risks?**
If yes, provide a reference or link to any such risk assessment(s).

Yes, assessments have been carried and reported through the following documents:

Angus Council Emergency Plan
https://www.angus.gov.uk/media/angus_council_emergency_plan

Angus Local Climate Impacts Profile (LCLIP) 1st edition
https://www.angus.gov.uk/media/angus-local-climate-impacts-profile-lclip-1st-edition

Angus Local Climate Impacts Profile (LCLIP) 2nd edition
https://www.angus.gov.uk/media/angus-local-climate-impacts-profile-lclip-2nd-edition

North of Scotland, Resilience Partnership Community Risk Register
http://www.firescotland.gov.uk/media/864538/north_crr_version_1.2.pdf

2016/17 period saw development work on the Local Flood Risk Management Plan (approved June 2016)
https://www.angus.gov.uk/the_environment/flooding_and_coastal_erosion/tay_estuary_and_montrose_basin_local_flood_risk

4b **What arrangements does the body have in place to manage climate-related risks?**
Provide details of any climate change adaptation strategies, action plans and risk management procedures, and any climate change adaptation policies which apply across the body.

The Angus Local Development Plan 2016 (ALDP) strategy is based on a 'presumption in favour of sustainable development' and contains specific policies : PV12 Managing Flood Risk which states that to reduce potential risk from flooding, there will be a general presumption against built development proposals on the functional floodplain; which inveolve land raising resulting in the loss of the functional flood plain; or which would materially increase the probability of flooding to existing or planned development. Policy PV13 Resilience and Adaptation explores resilience to the effects of climate change such as flood and drought, extreme weather events and rising sea levels. In future Angus Council may require development proposals to incorporate adaptation measures Policy PV16 Coastal Planning supports a precautionary approach to potential impacts of coastal flooding. The ALDP is supported by an Environmental Report and Strategic Flood Risk Assessment which influenced plan development in light of some climate change impact.

Angus Council as Lead Local Authority for the Tay Estuary and Montrose Basin Local Plan District continue to deliver the actions in the Local Flood Risk Management Plan for Tay Estuary and Montrose Basin Local Plan District - http://apps.sepa.org.uk/FRMStrategies/pdf/lpd/LPD_07_FRM5.pdf - and are partners on the Tay Local Plan District, which is led by Perth & Kinross Council.

Tayside Local Asset Resilience Register is maintained and developed. It is a list of community/ voluntary groups that can be called to action in the event of severe weather events.
Continue to support the Resilient Business & Communities working group .
We continue to support and develop a number of active community groups, especially those at risk of getting cut off in severe weather or flooding including integration to the Council's emergency plans.
We continue to explore capacity building e.g. first aid training, tie in with other community health empowerment initiatives such as issuing of defibrillators.
We continue to work with schools to build resilience as part of the curriculum.
Use of SALIX funding projects to reduce the Councils' CO2 emissions for all non housing properties. A few related work streams have progressed – holding fuel poverty and energy efficiency advice sessions for front line council staff to then convey the message to the public; developing a below tolerable standard strategy; improving our web-based advice/info sections relating to property condition.
The Angus Active Travel Strategy and Action Plan was approved in February 2021, along with a pipeline of active travel projects. Delivery of these actions and projects will contribute to the impacts of transport on climate change.

Taking action

4c **What action has the body taken to adapt to climate change?**
Include details of work to increase awareness of the need to adapt to climate change and build the capacity of staff and stakeholders to assess risk and implement action. The body may wish to make reference to the Scottish Climate Change Adaptation Programme ("the Programme").

Angus Council through the Cairngorm National Park Authority (CNPA) - Joint catchments project continue to investigate landscape scale approaches to natural flood management, riparian tree planting schemes and peatland restoration. All of which are excellent land use management approaches to mitigate against the effects of climate change and provide innovative adaptation examples at site specific and landscape scales. During 2021/22the CNPA successfully secured Heritage Horizons HLF Fund development phase funding.Over the last year Angus Councilland the River South Esk Catchment Partnership has worked with the CNPA to develop NFM/restoration projects in three Angus catchments, all potentially Vulnerable Areas. This phase it up to £70k and the delivery phase f funded £500k.

Treatment of Invasive Non-Native Species (INNS) during 2021/22 was ongoing, particularly along river corridors. This reduces soil erosion in high spate events, thereby increasing the stability of the river bank, restoring natural vegetation. The Scottish Invasive Species Initiative, now in its fifth year, continues to successfully increae the volunteer pool with INNS treatment skills.
http://theriversouthesk.org/projects/hogweed-and-knotweed-control/
During 2021/22 Angus Council delivered nature focussed improvents that positivly impact on climate change via the authorities Nature Restoration Fund direct award. These were , the restoration of an urban floodplain, urban tree planting in green corridors and the puchase of cut and lift machinery to enhance urban greenspace.

During 2021/22 Angus Council and the River South Esk Catchment Partnership have worked together to scope landscape scale interventions that can be delivered by the Nature Restoration Fund. These projects will positivly impact on climate chnage via the enhancement and reconnection of habitas including rivers, wetlands, ponds, woodlands, grassland and peatlands.

A review of the Tayside Local Biodiversity Action Plan 2016-26 is ongoing and highlights actions deliverd that contribute to climate chnage adaptation as well as actions still to be delivered. All can be quantified and adta collection exercise to map progress is onging.

Brechin Flood Prevention Scheme was completed and opened in October 2106. The 1.5km of flood embankments and walls up to 1.8m high have been installed along the north bank of the River South Esk to provide a 1 in 200 yr. flood defence. Environmental improvements have been delivered on site increasing native biodiversity and opportunities for access and outdoor learning. INNS treatment continues when possible, enhancing the area for biodiversity and the public.
https://www.angus.gov.uk/the_environment/flooding_and_coastal_erosion/brechin_flood_prevention_scheme

Arbroath (Brothock Water) Flood Protection Scheme - which is ranked nationally as a priority project and is an action in the Tay Estuary and Montrose Basin Local Flood Risk Management Plan - has been the subject of formal notification and construction commenced in 2020 with completion due in 2022. Hard engineering and Natural Flood Management solutions will feature.

4d **Where applicable, what contribution has the body made to helping deliver the Programme?**
Provide any other relevant supporting information.

Understanding the effects of climate change and their impacts on the natural environment - Measuring the effects of climate change on the natural environment is a huge task and Angus Council are guided by our partners through collaborative project work and strategy development. The Tayside LBAP published in Aug 2016 takes into account the effects of climate change on a variety of species and habitats. Surveys have been undertaken on invasive species movement e.g. Co Coasts and INNS in riverine and estuarine areas in particular. Citizen science projects are developed and supported by the partnership allowing us to better understand species migration, abundance and decline. Montrose Bay is a Super Site under the Scottish Government's Dynamic Coast project. The project is establishing there effects of climate change on our coastline with the latest mapping and modelling. An adaptation plan is under development. Scoping studies are also underway via the HLF Heritage Horizons projects and Nature Restoration Fund bids in riverine and wetland habitats.

Support a healthy and diverse natural environment with capacity to adapt - Climate change is embedded in the Tayside LBAP and other policy documents such as SMP2 and Flood Risk Strategies which include flood management and coastal management policies. All three plans favour natural mitigation and adaptation measures where possible, enabling healthy ecosystem services. In the River South Esk Catchment natural flood management schemes continue to be delivered and the development of nature-based solutions continue to be explored throughout Angus. In 2021/22 the RSECP exapnded thier work into two other Angus catchments.

Sustain and enhance the benefits, goods and services that the natural environment provides - The ALDP 2016 produced by Angus Council contains Policy PV14 Water Quality, its purpose is to protect and enhance the quality of the water environment. Development proposals will be assessed within the context of: the National Marine Plan; the Scotland River Basin Management Plan and associated Area Management Plans; relevant guidance on controlling the impact of development and associated works; relevant guidance on engineering works affecting water courses; and potential mitigation measures. Actions to enhance ecosystem services are/will be embedded in the Sustainable Energy and Climate Action Plan, LBAP, ALDP and ongoing greennetwork and Local nature Conservation Site work. All focus on ecosystem scale projects , supporting healthy functioning ecosystems & ecosystem services. Montrose Bay is a Super Site under the Scottish Government's Dynamic Coast project. The first phase of the project has established the benefit natural costal defences have. The project is establishing there effects of climate change on our coastline with the latest mapping and modelling. An adaptation plan is under development. In addition to lanscapescale restoration work, Angus Council continues to enhance its urban greenspace via grassland and meadow restoration. All Angus settlements now have enhanced areas and the programmne continues to roll-out. The authority is a partner in the B-Lines project 'Strathmore People & Pollinators', a 2 year project crossing Tayside from Montrose in the East to Dunkeld in highland Perthshire.

Understand the effects of climate change and thier impacts on buildings and infrastructure networks - Embedded in the newly developed Local Housing Strategy, LBAP, ALDP 2016 and Open Space Strategy. Gradual increase in highlighting impacts and costs of climate change in committee reports.

Provide the knowledge, skills and tools to manage climate change impacts on buildings and infrastructure - Embedded in the Local Housing Strategy, LBAP, ALDP 2016 and Open

Review, monitoring and evaluation

4e **What arrangements does the body have in place to review current and future climate risks?**
Provide details of arrangements to review current and future climate risks, for example, what timescales are in place to review the climate change risk assessments referred to in Question 4(a) and adaptation strategies, action plans, procedures and policies in Question 4(b).

A detailed Adaptation Action Plan has been developed and is incorporated into the Angus Sustainable Energy & Climate Action Plan. In addition to this a second River South Esk catchment Mangement Plan is being progressed. This will outline the delivery of nature based solutions on the largest river in Angus and its catchment area. This approach will be transferable for other catchments.

Progress will be monitored through regular meetings of internal corporate landuse adptation working groups and external partnerships.

Flood Risk Management Planning allows for the updating of National Flood Risk Assessments for changing forecasts for climate change and impact on adaptation actions.
The coastal change project in Montrose, Dynamic Coast 2, will include the adoption of an adaptation plan. Preliminary actions are being progressed.

4f **What arrangements does the body have in place to monitor and evaluate the impact of the adaptation actions?**
Please provide details of monitoring and evaluation criteria and adaptation indicators used to assess the effectiveness of actions detailed under Question 4(c) and Question 4(d).

As previously mentioned progress will be monitored through regular meetings of internal corporate landuse adptation working groups and external partnerships.. Partnership work is key and there are many strong adaptation focused teams collaborating within Angus. Angus Council also work closely with partners in Tayside, Aberdeenshire and within the Cairngorms National Park Authority area.

A Flood Risk management Member Officer Group continues to meet and adaptation delivered through flood risk management is regularly monitored.

River South Esk Partnership Steering Group continues to meet 3 times p.a. and reviews the impacts of projects including those with an adaptation element. A consultation was carried out in 2019 to form a second catchment management plan in which adaptation and nature based solutions features heavily. This has been reopened to update the focus of action.

Future priorities for adaptation

4g **What are the body's top 5 climate change adaptation priorities for the year ahead?**
Provide a summary of the areas and activities of focus for the year ahead.

Angus Council targets for 2022/23 are:

1. Secure further funding.e.g Nature Restoration Fund monies to complimet the HLF Heritage Horizons funding already secured. Both funds will enable landscape scale NFM and habitat restoration on scales never inplimented in Angus previously.
2. Use Green Network and Local Nature Consevation Site site data to enhance ecosystem health and connectivity increasing resilience. Both urban and rural areas will be covered by this approach.
3. Deliver both the Angus Shoreline Management Plan 2 and Local Flood Risk Management Plans.
4. Deliver the Tayside Local Biodiversity Action Plan 2016-26 & publish the 2nd edition River South Esk Catchment Management Plan using it as a basis to role out catchment scale nature based solutions across Angus.
5. Engage in community resilience networks and local climate change action plans enabling the community to participate in adaptation works in their communities.

Further information

4h **Supporting information and best practice**
Provide any other relevant supporting information and any examples of best practice by the body in relation to adaption.

https://www.angus.gov.uk/media/tayside-local-biodiversity-action-plan-20162026

https://www.angus.gov.uk/media/smp2-main-document

http://theriversouthesk.org/projects/

https://www.youtube.com/watch?v=2TGKyb496mw
https://www.angus.gov.uk/the_environment/flooding_and_coastal_erosion/tay_estuary_and_montrose_basin_local_flood_risk

http://www.readyscotland.org/my-community/local-plans-and-good-practice/edzell-flood-group-and-action-plan/

https://cairngorms.co.uk/working-together/cairngorms-2030/

https://www.greenspacescotland.org.uk/news/finding-space-for-nature

https://www.buglife.org.uk/news/exciting-new-buglife-project-strathmore-b-lines-awarded-national-lottery-funding-in-scotland/

Public Sector Report on Compliance with Climate Change Duties 2022 Template

PART 5 Procurement

5a How have procurement policies contributed to compliance with climate change duties?

Provide information relating to how the procurement policies of the body have contributed to its compliance with climate changes duties.

Sustainability impact has been required to be evaluated as part of our larger tenders particularly within Construction.

5b How has procurement activity contributed to compliance with climate change duties?

Provide information relating to how procurement activity by the body has contributed to its compliance with climate changes duties.

Although a sustainable procurement working group was formed and work has taken place to take forward work to develop a sustainable procurement plan for the Council. This included work with Sustainable Procurement Limited to help the Council approach this on a strategic, categorised basis using a "sustainability test" and a "prioritisation tool" in line with the Scottish Government's Procurement Journey guidance. However, due to staff resource changes and other Service priority changes, this work was not taken forward as from May / June 2016. A Community Benefits & Sustainability post has been approved on a 2 year temporary basis which should build on this work and embed within our procurement processes and contract management.

Further information

5c Supporting information and best practice

Provide any other relevant supporting information and any examples of best practice by the body in relation to procurement.

Since the Council's report in 2016, no other sustainable procurement best practice activity examples have been brought forward.

Public Sector Report on Compliance with Climate Change Duties 2022 Template

PART 6 Validation and Declaration

6a Internal validation process

Briefly describe the body's internal validation process, if any, of the data or information contained within this report.

This report has been circulated to the Transition to Net Zero Working Group. Deadline of 28th September 2022 - no comments.

It was subsequently circulated across all Council Services as part of the committee report consultation process.

6b Peer validation process

Briefly describe the body's peer validation process, if any, of the data or information contained within this report.

N/A - see above

6c External validation process

Briefly describe the body's external validation process, if any, of the data or information contained within this report.

N/A - see above

6d No Validation Process

If any information provided in this report has not been validated, identify the information in question and explain why it has not been validated.

N/A - see above

6e Declaration

I confirm that the information in this report is accurate and provides a fair representation of the body's performance in relation to climate change.

Name:	Caren Webster
Role in the body:	Project Officer Climate Change
Date:	04/10/2022

Recommended Reporting: Reporting on Wider Influence

Wider Impact and Influence on GHG Emissions

G1) Territorial Emissions (Local Authorities Only)
Please provide your most recent set of measurement (e.g. tCO2e) and years. Please provide information on the following components using data from the links provided below. Please use (1) as the default unless targets and actions relate to (2).
Please note - These statistics cover territorial emissions of carbon dioxide (CO2), methane (CH4) and nitrous oxide (N2O), although not fluorinated gases, which are also included in the UK territorial greenhouse gas emissions statistics. Prior to the 2005 to 2009 publication the statistics covered emissions of carbon dioxide only
(1) UK local and regional CO2e emissions **subset dataset** (emissions within the scope of influence of local authorities)
(2) UK local and regional CO2e emissions **full dataset**
https://www.gov.uk/government/collections/uk-greenhouse-gas-emissions-by-local-authority-areas

Lead Authority (Please Select)	Angus
BEIS Dataset (full or sub-set)	Subset

Source	Sector	2005	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Units	Comments
BEIS Sectors	Total Emissions	818.89	654.42	780.39	651.85	704.27	575.39	596.35	640.38	647.01	634.92	597.71	539.97	ktCO2e	
	Industry and Commercial	278.31	208.29	280.32	207.49	266.21	152.82	152.91	140.55	132.85	132.85	132.85	112.84	ktCO2e	
	Domestic	290.65	251.27	276.75	245.32	207.39	204.26	226.15	229.38	252.38	248.26	220.02	207.15	ktCO2e	
	Transport Land	249.93	194.86	223.31	199.04	230.67	217.31	216.29	270.45	261.78	253.81	244.84	220.00	ktCO2e	
	Net LULUCF	7.23	7.80	9.31	7.86	3.81	9.55	4.50	5.57	5.72	5.37	5.73	4.63	ktCO2e	
Other Sectors	Please select from drop down box													Please select from drop down box	
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G2 Targets
Please detail your wider influence targets

Sector	Description	Type of Target (units)	Baseline value	Start year	Target	Target/End year	Saving in latest year measured	Latest Year Measured	Comments
Overall Reduction Target	Regional Net Zero carbon status by the year 2045	Please select from drop down box		Please select from drop down box	Net Zero	2045		Please select from drop down box	Committee Report 156/20 Climate Change Activity. Target aligned to the Angus SCVIP. No baseline year stated
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G3 Does the organisation have an overall mission statement, strategies, plans or policies outlining ambition to influence emissions beyond your corporate boundaries? If so, please detail this in the box below.

Angus Sustainable Energy & Climate Action Plan (SCVIP). By 2030, Angus will be a major contributor in achieving Scotland's national climate change goals, and a leader in clean growth, environmental stewardship and sustainable communities.
https://www.angus.gov.uk/the_environment/sustainable_angus/climate_change

G4) Policies and Actions to Reduce Emissions
Please detail any of the specific policies and actions which are underway to achieve your emission reduction targets.

Sector	Start year for policy/action implementation	Year that the policy/action will be fully implemented	Annual CO_2 saving once fully implemented (ktCo2)	Latest Year measured	Saving in latest year measured (ktCo2)	Status	Metric/Indicators for monitoring progress	Delivery Role	Having process/policy design and implementation, has GHG or an equivalent behaviour change tool been used?	Please give further details of this behaviour change activity.	Value of Investment (£)	Ongoing Costs (£/year)	Primary Funding Source for implementation of Policy/Action	Comments
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Please provide any detail on data sources or limitations relating to the information provided in Table 1

We are currently recruiting a Project Officer Climate Change Emissions for 12 months who will be focusing on the Sustainable Energy Action & Climate Plan (SECAP) and Angus-wide emissions reductions.

G5) Partnership Working, Communications and Capacity Building
Please detail your Climate Change Partnership, Communication or Capacity Building initiatives below.

Key Action Type	Description	Organisation's project role	Lead Organisation (if not reporting organisation)	Private Partners	Public Partners	3rd Sector Partners	Outputs	Comments
Partnership Working	Sustainable Energy Action & Climate Plan (SECAP)	Lead						https://www.angus.gov.uk/the_environment/sustainable_angus/climate_change
Partnership Working	TayCities Deal - Mercury Project (Rural Mobility Hub, ZeroFlat Hub, Drone Ports, Digital Projects, 5G, Centre for Agricultural Sustainable Innovation)	Lead						https://investinangus.com/the-mercury-programme/
Partnership Working	Cairngorms National Park Partnership Plan 2022-27	Supporting						https://cairngorms.co.uk/working-together/partnerships/
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Other Notable Practicable Activity

G6) Please detail key actions relating to Food and Drink, Biodiversity, Water, Procurement and Resource Use in the table below

Key Action Type	Key Action Description	Organisation's Project Role	Impacts	Comments
Food & Drink	Angus Food Growing Strategy 2020-2023	Lead	The Community Empowerment 2015 (Scotland) Act, Part 9, places a duty on every local authority to prepare a food growing strategy. Central to the theme of this food growing strategy is to ensure that Angus Communities are equipped for these who would like to grow their own food	https://www.angus.gov.uk/sites/default/files/2021-06/Angus%20Food%20Growing%20Strategy%20-.pdf
Biodiversity	Tayside Local Biodiversity Action Plan 2016-26	Supporting	The Tayside Local Biodiversity Action Plan (TLBAP) was first published in 2001 to focus attention on the conservation and enhancement of the region's natural heritage and biodiversity resources. It is largely on-target in the intervening years and now, although the First Edition and its core objectives are still highly relevant, it needs to reflect the ecosystem approach being taken forward by the Scottish Government and the 2020 Challenge for Scotland's Biodiversity, as well as update legislation, policy and actions.	http://www.tayslidebiodiversity.co.uk/wp-content/uploads/2016/08/Tayside-LBAP-report-Introduction.pdf
Water	Angus Shoreline Management Plan 2	Lead	A Shoreline Management Plan (SMP) provides a large-scale assessment of the risks associated with erosion and flooding of the coast. It also presents policies to help manage these risks in ways that are sustainable and to the developed, historic and natural environment in a way that is acceptable. This SMP is a non-statutory, high level policy document for coastal flood and erosion risk management planning. It takes account of other existing planning initiatives and legislative requirements, and is intended to inform wider strategic planning.	https://www.angus.gov.uk/media/smp2-main-document
Water	Local Flood Risk Management Plans (Tay Estuary & Montrose Basin Local Plan District)	Participant	The Local Flood Risk Management Plan has been developed to detail the actions adopted to reduce the devastating and costly impact of flooding in the Tay Estuary and Montrose Basin local plan district.	https://www.angus.gov.uk/media/tay_estuary_and_montrose_basin_local_flood_risk_management_plan-2020 https://www.dpe.gov.uk/media/30607/Tay-Local-Flood-Risk-Management-Plan/pdf/Tay_LFRM_Plan_FINAL_Updated_Feb.pdf?lmt=1626729543&mtr=0000
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G7) Please use the text box below to detail further climate change related activity that is not noted elsewhere within this reporting template

ACTIVE & SUSTAINABLE TRAVEL
Angus Council's Active Travel Strategy. Active Travel Strategy, Action Plan and pipeline of active travel projects was approved in February 2021.
Angus Council has been awarded funds from Paths for All relating to Smarter Choices Smarter Places (SCSP) for delivery of an active travel programme over the financial year 2021/22. A number of projects targeted at local community, residents, students and pupils, as well as visitors, are being delivered throughout the year to encourage a change in travel behaviour. Examples of some of the projects for this year are listed below:
• Schools - Active Travel Hubs and Active Travel Ambassadors, Bike Ability Training, Pedestrian Crossing Improvements, Walking Bus, Park Smarter - Programme,
- An Active Travel workshop will be carried out encouraging pupils to use public transport wherever possible and restrictions selling if possible to walk or cycle.
• Cycling - Support of Angus Cycle Hub to deliver: The Bike Recycling Support and Regional Community Engagement Programme and Free Bike Servicing,
- Bike Hub Angus will be a hub for cycling in Angus and will contribute to reducing carbon emissions on a regional level. ACC is proposing to use funding to help increase its capacity to recycle more bikes back into the community. It will subsidise the cost of recycled bikes to ensure the community can access cycling at an affordable price.
• Behaviour - Get Active Arbroath - is a rewards campaign to help residents and employees to become more active and improve health. These are prizes to be won for those involved.
• Community Engagement - Active Travel Hubs - Angus Council will involve proactively engaging key members of the Montrose community and other stakeholders in a community engagement process designed to understand community need around accessibility and sustainable mobility as well as to stimulate travel behavioural change in the town.
• Social media - 'Get on the Go' campaign to encourage active & sustainable travel through popular social media platforms.

Cycling Walking Safer Streets ;
SSCTS Wellbank to Kellas - New Railway
Kellas Station - Kellas Station Building for new Railway links
Old Railway Path, Balachin - New Railway
Path at Inskeep Primary School
Path at Kellas Primary - Safer Railway
Guardrails and Kerbed Cutter – Removal in Montrose
Coherent network of routes across Montrose - Feasibility Study
Coherent network of routes across Arbroath - Feasibility Study
New signalised crossing on Brechin Road, Forfar – Feasibility Study
;
Successfully obtaining grant funding through Sustrans to carry out a further studies carry out community engagement and design for active travel routes of the Balbee Path Network.
Continue to progress Arbroath's Placed for Everyone developed design Stage 3 and Stage 4 and public engagement through our appointed consultant
;
A regional EV Strategy has recently been published with a series of actions identified both locally and regionally. Angus Council are in the process of organising a steering group to deliver on the local actions. A regional forum will also be set up to deliver on regional actions which will include Angus Council representation
•Complete construction of the low-carbon travel and transport (LCTT) EV Hub at Orchard Lane, Forfar
•Successfully secured funding from Transport Scotland to install additional EV charging infrastructure throughout Angus over the financial year 2021/22. Charging infrastructure will be installed in Brechin/Montrose/Forfar, Edzell, Forfar, Kirriemuir and Newtyle. Existing units upgraded to accept contactless payments.
•Angus Council has received grant funding to install EV chargers for our fleet as we move towards EV's and to prepare for the future. Details and locations still to be confirmed.

;
Angus Council is working in partnership with Dundee City Council to provide a high quality coastal walking and cycle route between Broughty Ferry and Monifieth.

;
SUSTAINABILITY
Angus Food Growing Strategy – The Community Empowerment 2015 (Scotland) Act, part 9 places a duty on every local authority to prepare a food growing strategy. The Angus Food Growing Strategy and action plan was published in March 2021. The strategy reflects local conditions and priorities. Improving health and wellbeing and addressing food poverty are established council priorities and this strategy is an opportunity to work across the council and with communities to support community growing, increasing pride of place to live. It demonstrates our commitment to sustainable and inclusive economic growth and to tackling inequalities.
Producing more food locally will play an important role in supporting our effort to reduce our carbon footprint of our food system, while providing fresh and nutritious produce for the citizens of Angus.

;
Examples of Climate change/Carbon reduction are:
Sustainable Arms – Climate Change, Circular Economy Community based recycling, re-use, and waste prevention projects
Social Supermarket – Food Waste / Poverty
Appetite for Angus - 3rd Sector Food Network – Food waste/growing/food poverty

;
The Tay Cities Deal 5G infrastructure projects at Montrose Port TQ3 5G Project aims to support businesses in internet of Things and 5G use cases. The introduction of 5G Technology will allow for Montrose Port Authority, tenants, and users of the Port to be able to access the next generation of technology. This technology will allow them to be more automated, efficient, cost effective, and enhance their competitiveness and productivity.

;
Angus Rural Mobility Hub and Brechin Business Park Phase 1 – The Tay Cities Deal project is focused on delivering innovative, sustainable logistics and e-fuelling solutions and to provide the space for sustainable business growth. Angus Council aim to provide the infrastructure for business to enable a practical 'living lab' environment for business to engage with these growth technology and test solutions. The project is currently at feasibility stage.