APPENDIX 2

Aberdeenshire Council

Integrated Impact Assessment

Aberdeenshire Council Route Map 2030 and Beyond

Assessment ID	IIA-000686
Lead Author	Claudia Cowie
Additional Authors	Joel Evans
Service Reviewers	Ewan Wallace
Subject Matter Experts	Claudia Cowie, Kakuen Mo, Christine McLennan
Approved By	Ewan Wallace
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1. Overview

This document has been generated from information entered into the Integrated Impact Assessment system.

This report contains the draft of Aberdeenshire Council's Route Map 2030 and Beyond which has been developed by consultants with the support of Aberdeenshire Council officers. The project looked at what the requirement will be across the Council to reach its own 75% reduction in emissions by 2030 target and Net Zero by 2045. Carbon Dioxide Equivalent (CO2e) emissions and financial estimates have been made for projects identified. A part of this work included the development of a toolkit to identify a complete view of decarbonisation progress against planned CO2e reduction. This includes a view of the capital/revenue impact and cost effectiveness (£/tCO2e) of each reduction project so that the Council can analyse the impact on the overall budget and prioritise project selection.

During screening 7 of 10 questions indicated that detailed assessments were required, the screening questions and their answers are listed in the next section. This led to 3 out of 5 detailed impact assessments being completed. The assessments required are:

- Childrens' Rights and Wellbeing
- Equalities and Fairer Scotland Duty
- Sustainability and Climate Change

In total there are 30 positive impacts as part of this activity. There are 0 negative impacts, all impacts have been mitigated.

A detailed action plan with 0 points has been provided.

This assessment has been approved by ewan.wallace@aberdeenshire.gov.uk.

The remainder of this document sets out the details of all completed impact assessments.

2. Screening

5	
Could your activity / proposal / policy cause an impact in one (or more) of the identified town centres?	No
Would this activity / proposal / policy have consequences for the health and wellbeing of the population in the affected communities?	No
Does the activity / proposal / policy have the potential to affect greenhouse gas emissions (CO2e) in the Council or community and / or the procurement, use or disposal of physical resources?	Yes
Does the activity / proposal / policy have the potential to affect the resilience to extreme weather events and/or a changing climate of Aberdeenshire Council or community?	Yes
Does the activity / proposal / policy have the potential to affect the environment, wildlife or biodiversity?	Yes
Does the activity / proposal / policy have an impact on people and / or groups with protected characteristics?	Yes
Is this activity / proposal / policy of strategic importance for the council?	Yes
Does this activity / proposal / policy reduce inequality of outcome?	No
Does this activity / proposal / policy have an impact on children / young people's rights?	Yes
Does this activity / proposal / policy have an impact on children / young people's wellbeing?	Yes

3. Impact Assessments

Children's Rights and Wellbeing	No Negative Impacts Identified
Climate Change and Sustainability	No Negative Impacts Identified
Equalities and Fairer Scotland Duty	No Negative Impacts Identified
Health Inequalities	Not Required
Town Centre's First	Not Required

4. Childrens' Rights and Wellbeing Impact Assessment

4.1. Wellbeing Indicators

Indicator	Positive	Neutral	Negative	Unknown
Safe		Yes		
Healthy		Yes		
Achieving	Yes			
Nurtured		Yes		
Active		Yes		
Respected	Yes			
Responsible	Yes			
Included	Yes			

4.2. Rights Indicators

UNCRC Indicators	Article 3 - Best interests of the child
upheld by this activity /	
proposal / policy	

4.3. Positive Impacts

Impact Area	Impact
Achieving	Pupils within schools which are signed up to one of the initiatives in this years Carbon Budget called Energy Sparks will become knowledgeable in energy saving opportunities and be able to share these at home and in the wider community. Pupils will learn new skills and can have an opportunity to lead on different energy saving initiatives as well as work collaboratively across the school and with other schools on the programme. They can feel empowered to make a difference to emissions and therefore their impact on climate change. There is curriculum linked energy education and saving activities and energy related lesson plans and downloadable resources. There are exciting activities for eco-teams to follow and opportunities for schools to compete with other local schools to see who can save the most energy. While working on annual carbon budgets the Council will continue to seek opportunities where driving down the Council's emissions can engage with children and young people. This work will also be supported by the Education and Children's Service own Sustainability and Climate Change Strategy.

Impact Area	Impact
Included	Pupils within schools which are signed up to one of the initiatives in this years Carbon Budget called Energy Sparks will become knowledgeable in energy saving opportunities and be able to share these at home and in the wider community. Pupils will learn new skills and can have an opportunity to lead on different energy saving initiatives as well as work collaboratively across the school and with other schools on the programme. They can feel empowered to make a difference to emissions and therefore their impact on climate change. There is curriculum linked energy education and saving activities and energy related lesson plans and downloadable resources. There are exciting activities for eco-teams to follow and opportunities for schools to compete with other local schools to see who can save the most energy. While working on annual carbon budgets the Council will continue to seek opportunities where driving down the Council's emissions can engage with children and young people. This work will also be supported by the Education and Children's Service own Sustainability and Climate Change Strategy.
Responsible	Pupils within schools which are signed up to one of the initiatives in this years Carbon Budget called Energy Sparks will become knowledgeable in energy saving opportunities and be able to share these at home and in the wider community. Pupils will learn new skills and can have an opportunity to lead on different energy saving initiatives as well as work collaboratively across the school and with other schools on the programme. They can feel empowered to make a difference to emissions and therefore their impact on climate change. There is curriculum linked energy education and saving activities and energy related lesson plans and downloadable resources. There are exciting activities for eco-teams to follow and opportunities for schools to compete with other local schools to see who can save the most energy. While working on annual carbon budgets the Council will continue to seek opportunities where driving down the Council's emissions can engage with children and young people. This work will also be supported by the Education and Children's Service own Sustainability and Climate Change Strategy.

Impact Area	Impact
Respected	Pupils within schools which are signed up to one of the initiatives in this years Carbon Budget called Energy Sparks will become knowledgeable in energy saving opportunities and be able to share these at home and in the wider community. Pupils will learn new skills and can have an opportunity to lead on different energy saving initiatives as well as work collaboratively across the school and with other schools on the programme. They can feel empowered to make a difference to emissions and therefore their impact on climate change. There is curriculum linked energy education and saving activities and energy related lesson plans and downloadable resources. There are exciting activities for eco-teams to follow and opportunities for schools to compete with other local schools to see who can save the most energy. While working on annual carbon budgets the Council will continue to seek opportunities where driving down the Council's emissions can engage with children and young people. This work will also be supported by the Education and Children's Service own Sustainability and Climate Change Strategy.

4.4. Evidence

Туре	Source	It says?	It Means?
Other Evidence	https:// energysparks.uk/	Energy Sparks is an online, school-specific energy analysis tool & energy education programme that helps schools become more energy efficient and fight climate change.	Schools can save money and the children can become more aware of the ways that they can help to reduce energy use.
External Consultation	https:// www.childrenspar liament.org.uk/ wp-content/ uploads/ Childrens- Parliament_Clim ate_Assembly_20 21.pdf	This report explains how children have been involved in Scotland's Climate Assembly, and what children across Scotland think needs to happen in Scotland to tackle the climate emergency.	The climate emergency is a human rights issue. Any plan, solution or action to tackle climate emergency in Scotland must respond to the needs, and rights, of everyone living here, and this means listening to the diversity of views and lived experiences of Scotland's citizens. This includes children.
Internal Consultation	Officers across different services	A number of different services within Business, Environment and Infrastructure, Education and Children, and the Health and Social Care Partnership have provided data and information for this report.	Gathered many lists of project ideas and also planned future work some of which have been included as actions for 2022/23 Carbon Budget but also in the Route Map to 2030 for future Carbon Budget years.

Туре	Source	It says?	It Means?
Internal Data	Data from across different services on on consumption of energy and waste.	Internal energy, transport and waste consumption data has been used to determine the carbon emissions of the Council. Data has come from Property and Facilities, Transportation, Roads, Landscape, Waste, HR&OD Services.	The data has been used to determine the Council's total annual emissions up to 2020/21.

4.5. Information Gaps

Climate Change information and data changes frequently as the science and research improves. There are likely gaps but we use all the information provided to us by the Scottish Government alongside all other Public Sector bodies.

4.6. Measures to fill Information Gaps

Measure	Timescale
We will continue to consult on documents put forward by the Scottish Government on the expectations of the Public Sector.	Ongoing

4.7. Accounting for the Views of Children and Young People

The report produced by the Children's Parliament and Scotland's Climate Assembly (2020-21) was considered when pulling together the Route map 2030 and Beyond.

4.8. Promoting the Wellbeing of Children and Young People

Reducing emissions from actions within the Council will support a cleaner, safer environment for children / young people and therefore improve their wellbeing. For example, reducing emissions will positively impact air quality, improve biodiversity and supports a future where climate change may not be as impactful as predicted if we do not contribute to reducing global emissions. In addition, children / young people who engage in ways to reduce emissions may find a new interest and therefore could impact their wellbeing by providing exciting opportunities for future development, employment, learning opportunities etc.

4.9. Upholding Children and Young People's Rights

Climate Change is a human rights issue. Any plan, solution or action to tackle climate change in Scotland must respond to the needs, and rights, of everyone living here. Actions in the Route map 2030 and Beyond will also benefit the children the Council look after through its different services. Many of the actions will do this including the energy efficiency measures which will be completed in schools, the Energy Sparks programme and future engagement within the Council's Education and Children Services new Sustainability and Climate Change Strategy.

4.10. Overall Outcome

No Negative Impacts Identified.

Reducing emissions from actions within the Council will support a cleaner, safer environment for children / young people as well as provide exciting opportunities for development and learning.

5. Equalities and Fairer Scotland Duty Impact Assessment

5.1. Protected Groups

Indicator	Positive	Neutral	Negative	Unknown
Age (Younger)		Yes		
Age (Older)		Yes		
Disability		Yes		
Race		Yes		
Religion or Belief		Yes		
Sex		Yes		
Pregnancy and Maternity		Yes		
Sexual Orientation		Yes		
Gender Reassignment		Yes		
Marriage or Civil Partnership		Yes		

5.2. Socio-economic Groups

Indicator	Positive	Neutral	Negative	Unknown
Low income		Yes		
Low wealth		Yes		
Material deprivation		Yes		
Area deprivation	Yes			
Socioeconomic background		Yes		

5.3. Positive Impacts

Impact Area	Impact
Area deprivation	Improving the Council's operational non-domestic building stock to make it more energy efficient can improve the quality of the building and therefore improve the conditions that people who come into contact with our buildings face (internally and externally). This includes the Council's schools, offices, leisure centres etc. Future proofing the Council's estate will therefore support improving area deprivation. In addition to this, the Council's contribution to reducing emissions will also support other social and environmental impacts on area deprivation such as improving air quality and biodiversity.

5.4. Evidence

Type Source	It says?	It Means?
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Туре	Source	It says?	It Means?
External Consultation	https:// www.gov.scot/ publications/ transition- commission- national-mission- fairer-greener- scotland/ documents/	The report sets out the view of The Just Transition Commission on key opportunities and challenges for Scotland and recommends practical steps to achieving a just transition.	Fairness and climate ambition must go hand in hand. The pathway to netzero emissions may be ambitious, but it can be a unique opportunity to build a Scotland that is healthier, fairer and greener.
External Consultation	https:// www.climateasse mbly.scot/full- report	Scotland's Climate Assembly is made up of over 100 citizens from all walks of life tasked with examining expert evidence and agreeing recommendations for tackling the climate emergency in a fair and effective way. This report lays out Scotland's Climate Assembly's recommendations for Scottish society to tackle the climate emergency. It begins with a Statement of Ambition, calling for radical and decisive action, then details 16 goals and 81 recommendations.	It means that Scotland's Public Sector and therefore Aberdeenshire Council have a duty to consider the recommendations put forward by the Assembly and determine ways in which it can support those of which it has direct influence over via the Council's Carbon Budget process.
Internal Consultation	Officers across different services	A number of different services within Business, Environment and Infrastructure, Education and Children, and the Health and Social Care Partnership have provided data and information for this report.	Gathered many lists of project ideas and also planned future work some of which have been included as actions for 2022/23 Carbon Budget but also in the Route Map to 2030 for future Carbon Budget years.
Internal Data	Data from across different services on on consumption of energy and waste.	Internal energy, transport and waste consumption data has been used to determine the carbon emissions of the Council. Data has come from Property and Facilities, Transportation, Roads, Landscape and Waste Services, HR&OD.	The data has been used to determine the Council's total annual emissions up to 2020/21.

5.5. Information Gaps

Climate Change information and data changes frequently as the science and research improves. There are likely gaps but we use all the information provided to us by the Scottish Government alongside all other Public Sector bodies.

5.6. Measures to fill Information Gaps

Measure	Timescale
We will continue to consult on documents put forward by the Scottish Government on the expectations of the Public Sector.	Ongoing

5.7. Engagement with affected groups

Consultation for the production of Route Map 2030 and Beyond has been to review Scotland's Climate Assembly and Children's Parliament reports. These reports represent a range of people who are broadly representative of a population.

5.8. Ensuring engagement with protected groups

There are no impacts identified on those with protected characteristics.

5.9. Evidence of engagement

There has not been engagement to evidence other than the consultation of the documents mentioned above.

5.10. Overall Outcome

No Negative Impacts Identified.

Action to address and improve climate change mitigation and adaptation performance will benefit all staff and residents of Aberdeenshire.

5.11. Improving Relations

Continuous communication across services within Aberdeenshire Council and Aberdeenshire communities will be required to ensure any impacts are identified, considered and mitigated if feasible as early as possible.

5.12. Opportunities of Equality

It is well understood that Climate Change impacts are likely to affect people disproportionately. Any transition through climate change mitigation and adaptation must always be considered just and socially fair so that everyone can benefit from the opportunities and no one is left suffering the consequences worse than others.

6. Sustainability and Climate Change Impact Assessment

6.1. Emissions and Resources

Indicator	Positive	Neutral	Negative	Unknown
Consumption of energy	Yes			
Energy efficiency	Yes			
Energy source	Yes			
Low carbon transition	Yes			
Consumption of physical resources	Yes			
Waste and circularity	Yes			
Circular economy transition	Yes			
Economic and social transition	Yes			

6.2. Biodiversity and Resilience

Indicator	Positive	Neutral	Negative	Unknown
Quality of environment	Yes			
Quantity of environment	Yes			
Wildlife and biodiversity	Yes			
Infrastructure resilience	Yes			
Council resilience	Yes			
Community resilience	Yes			
Adaptation	Yes			

6.3. Positive Impacts

Impact Area	Impact
Adaptation	The Route Map 2030 and Beyond highlights the need for adaptation to be examined in more detail to identify opportunities and actions across the Council. This work will align with mitigation work so that both are being targeted at the same time with action.
Council resilience	By improving energy efficiency and installing renewables such as the solar PVs the Council is already improving its own resilience for future climate change events such as extreme weather events.

Impact Area	Impact
Council resilience	By improving energy efficiency and installing renewables such as the solar PVs the Council is already improving its own resilience for future climate change events such as extreme weather events. The Route Map 2030 and Beyond highlights the need for adaptation and resilience to be examined in more detail to identify opportunities and actions across the Council. Included in this will be the need for infrastructure resilience to be examined in more detail as the Council moves towards electrifying its heat in buildings as it moves away from fossil fuels in line with the targets set for the Public Sector by Scottish Government - zero direct emissions from buildings by 2038.
Infrastructure resilience	By improving energy efficiency and installing renewables such as the solar PVs the Council is already improving its own infrastructure resilience for future climate change events such as extreme weather events.
Infrastructure resilience	The Route Map 2030 and Beyond highlights the need for adaptation and resilience to be examined in more detail to identify opportunities and actions across the Council. Included in this will be the need for infrastructure resilience to be examined in more detail as the Council moves towards electrifying its heat in buildings as it moves away from fossil fuels in line with the targets set for the Public Sector by Scottish Government - zero direct emissions from buildings by 2038.
Quality of environment	By reducing emissions the Council is supporting other benefits for the environment such as improving air quality in the region.
Quality of environment	By reducing emissions the Council is supporting other benefits for the environment such as improving air quality in the region.
Quantity of environment	As mentioned in the Route Map 2030 and Beyond, there is a need for a residual emissions plan to be developed. Part of this work will look at Council land currently available for biodiversity improvement and also insetting opportunities. This will improve the quantity of the environment in the region as the Council moves towards its Net Zero by 2045 target.
Community resilience	The Route Map 2030 and Beyond highlights the need for adaptation and resilience to be examined in more detail to identify opportunities and actions across the Council. Included in this will be the need for infrastructure resilience to be examined in more detail as the Council moves towards electrifying its heat in buildings as it moves away from fossil fuels in line with the targets set for the Public Sector by Scottish Government - zero direct emissions from buildings by 2038. Lessons from this work will feed into Climate Ready Aberdeenshire to ensure opportunities for community resilience is also being considered and supported.

Impact Area	Impact
Wildlife and biodiversity	As mentioned in the Route Map 2030 and Beyond, there is a need for a residual emissions plan to be developed. Part of this work will look at Council land currently available for biodiversity improvement and also insetting opportunities. This work will improve the quantity and quality of the environment in the region enhancing opportunities for wildlife and biodiversity as the Council moves towards its Net Zero by 2045 target.
Consumption of energy	The Carbon Budget report contains a number of projects which will support reducing energy consumption by the organisation. This is through energy efficiency projects as well as projects reducing waste and also reducing energy consumption by the Roads service.
Consumption of energy	The report contains a number of projects which will support reducing energy consumption by the organisation. This is through energy efficiency projects, decarbonising heat in Council buildings, decarbonising the fleet as well as projects reducing waste.
Circular economy transition	The development of a reuse opportunities business case for items coming into the Council's household recycling centres is also a needed outcome within the Route Map. This will include looking at CE potential within the region - considering supply chain and skills development opportunities.
Energy efficiency	The Carbon Budget report contains a number of projects which will support reducing energy consumption by the organisation. This is through energy efficiency projects as well as projects reducing waste and also reducing energy consumption by the Roads service. Many projects are focused on energy efficiency improvements to the some of the operational non domestic building stock.
Energy efficiency	The report contains a number of projects which will support reducing energy usage by the organisation. This is through energy efficiency projects across the operational building stock, decarbonising the fleet, LED streetlighting programme as well as projects reducing waste.
Energy source	The carbon budget includes the addition of solar PVs to some of the Council's non-domestic operational buildings will generate renewable energy.
Energy source	The Route map to 2030 includes the addition of solar PVs to some of the Council's non-domestic operational buildings to generate renewable energy. Other opportunities for renewable energy generation also form part of the Council's Route Map 2030 and Beyond.
Economic and social transition	The Council is demonstrating leadership in reducing emissions through its carbon budget process and therefore is supporting the low carbon transition in the region. Part of the feasibility work as mentioned in the report will also look at local supply chains and skills gaps for energy efficiency and heat decarbonisation in the region. The Council can then look at opportunities to support the growth of these needs in the region.

Impact Area	Impact
Economic and social transition	The Council is demonstrating leadership in reducing emissions through its Route Map 2030 and Beyond development and therefore is supporting the low carbon transition in the region. Part of the feasibility work as mentioned in the report will also look at local supply chains and skills gaps for energy efficiency and heat decarbonisation in the region. The Council can then look at opportunities to support the growth of these needs in the region.
Low carbon transition	The Council is demonstrating leadership in reducing emissions through its carbon budget process and therefore is supporting the low carbon transition in the region.
Low carbon transition	The Council is demonstrating leadership in reducing emissions through Route map 2030 and Beyond development and therefore is supporting the low carbon transition in the region.
Consumption of physical resources	The continued membership to the Warplt reuse online platform means the Council can reduce its consumption of physical resources by ensuring items no longer required in one service can be reused in another part of the Council. The platform links the Council to external organisations also so sharing can happen across the region. In addition energy efficiency projects will reduce the Council's consumption of other resources such as fossil fuel.
Consumption of physical resources	The continued membership to the Warplt reuse online platform means the Council can reduce its consumption of physical resources by ensuring items no longer required in one service can be reused in another part of the Council. The platform links the Council to external organisations also so sharing can happen across the region. In addition, energy efficiency projects will reduce the Council's consumption of other resources such as fossil fuel. The development of a reuse opportunities business case for items coming into the Council's household recycling centres is also a needed outcome of the Route Map.
Waste and circularity	The continued membership to the Warplt reuse online platform means the Council can reduce its consumption of physical resources by ensuring items no longer required in one service can be reused in another part of the Council. The platform links the Council to external organisations also so sharing can happen across the region. Improving food waste recycling in some of the Council's schools will also reduce waste to landfill and will supply circularity through the contract with Keenans which converts the food waste into soil improver for the region.

Impact Area	Impact
Waste and circularity	The continued membership to the Warplt reuse online platform means the Council can reduce its consumption of physical resources by ensuring items no longer required in one service can be reused in another part of the Council. The platform links the Council to external organisations also so sharing can happen across the region. Improving food waste recycling in some of the Council's schools will also reduce waste to landfill and will supply circularity through the contract with Keenan's which converts the food waste into soil improver for the region. The development of a reuse opportunities business case for items coming into the Council's household recycling centres is also a needed outcome of the Route Map.

6.4. Evidence

Туре	Source	It says?	It Means?
Internal Consultation	Officers across different services	A number of different services within Business, Environment and Infrastructure, Education and Children, and the Health and Social Care Partnership have provided data and information for this report.	Gathered many lists of project ideas and also planned future work some of which have been included as actions for 2022/23 Carbon Budget but also in the Route Map to 2030 for future Carbon Budget years.
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External Consultation	https:// www.gov.scot/ publications/ transition- commission- national-mission- fairer-greener- scotland/ documents/	The report sets out the view of the The Just Transition Commission on key opportunities and challenges for Scotland and recommends practical steps to achieving a just transition.	Fairness and climate ambition must go hand in hand. The pathway to netzero emissions may be ambitious, but it can be a unique opportunity to build a Scotland that is healthier, fairer and greener.

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External Consultation	https:// www.climateasse mbly.scot/full- report	Scotland's Climate Assembly is made up of over 100 citizens from all walks of life tasked with examining expert evidence and agreeing recommendations for tackling the climate emergency in a fair and effective way. This report lays out Scotland's Climate Assembly's recommendations for Scottish society to tackle the climate emergency. It begins with a Statement of Ambition, calling for radical and decisive action, then details 16 goals and 81 recommendations.	It means that Scotland's Public Sector and therefore Aberdeenshire Council have a duty to consider the recommendations put forward by the Assembly and determine ways in which it can support those of which it has direct influence over via the Council's Carbon Budget process.
Other Evidence	Public Sector Leadership on the Global Climate Emergency	The guidance is in part to support the Climate Change (Duties of Public Bodies: Reporting Requirements) (Scotland) Amendment Order 2020 which set out additional requirements and expectations for Public Body response to the Climate Emergency.	The document lays out consideration for Public Sector Bodies to embed climate change action across the organisation in order to reduce emissions in line with the National targets. Aberdeenshire Council's Carbon Budget process supports some of these expectations and the Route Map 2030 and Beyond addresses the current gaps.

6.5. Information Gaps

Climate Change information and data changes frequently as the science and research improves. There are likely gaps but we use all the information provided to us by the Scottish Government alongside all other Public Sector bodies.

6.6. Measures to fill Information Gaps

Measure	Timescale
We will continue to consult on documents put forward by the Scottish Government on the expectations of the Public Sector.	Ongoing

6.7. Overall Outcome

No Negative Impacts Identified.

The Route Map 2030 and Beyond identifies many opportunities which will support a reduction in the Council's own emissions demonstrating a positive impact towards supporting action on climate change mitigation and adaptation.