

Norfolk Constabulary

Carbon Reduction & Environmental Action Plan

2022-2030

Practical action towards UK net zero 2050.



Carbon Reduction & Environmental Action Plan Purpose:

The purpose of the Carbon Reduction & Environmental Action Plan for the period 2022-2030 is to set out the strategic direction for Norfolk Constabulary to take practical action towards the UK's Carbon Reduction commitments, whilst continuing to support The Police and Crime Commissioners Police, Crime & Community Safety Plan and Norfolk Constabulary's Strategic Plan.

The Carbon Reduction & Environmental Action Plan is needed to recognise and plan for future change.

This Carbon Reduction & Environmental Action Plan outlines:

- Our new Sustainability Charter.
- The context of our current carbon emissions.
- Drivers for reducing carbon emissions.
- Our future carbon reduction objectives.
- Our governance to oversee carbon reduction change.

This plan has been prepared in collaboration with Suffolk Constabulary.

The Carbon Reduction & Environmental Plan will also complement our **Estates Plan** (2022-2025) and **Biodiversity Action Plan** (2022 -2030) in the context of our estate modernisation and enhancing our habitats and wildlife.



Giles Orpen-Smellie
The Police and Crime Commissioner for Norfolk

Our New Sustainability Charter:

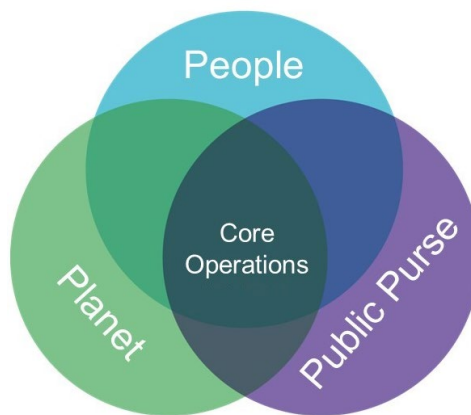
To advance our journey to net zero we will work with our emergency service partners together at a national level, to a new Sustainability Charter commitment to:

- Drive the collective action needed to address the challenges of climate change.
- Assist all Emergency Services with their sustainable journey, whatever their starting point.
- Include the latest developments of the global sustainability agenda.
- Adopt the three principles of sustainability in everyday operations.

The Emergency Services Environment and Sustainability Group (EESG) 'Sustainability Charter' commitment is:

"We will agree to embed sustainability considerations throughout our organisation. We will measure and monitor progress and will strive to continually improve."

The below 1. Social 2. Economic and 3. Environmental aspects make up the three principles of sustainability in our everyday operations.



The Sustainability Charter offers a solid foundation built on best practice and current topical issues, to ensure we are working to achieve common goals to embed sustainability into our activities processes and services.



EMERGENCY SERVICES ENVIRONMENT AND SUSTAINABILITY GROUP

EESG Sustainability Charter

The Emergency Services Environment and Sustainability Group (EESG) includes members from UK Police Forces, Fire & Rescue Services, Ambulance Services and other Emergency Services who meet to share best practice and discuss emerging technologies, government policy and legislative requirements.

This Sustainability Charter has been developed for members to pledge their support to work towards a set of common goals and aspirations, embed sustainability within their own organisations, and achieve national and international sustainability objectives. It will also enable members to identify positive effects on sustainability within their communities and manage any negative effects and risks.

All members shall consider the Sustainability Charter aspirations in the development and delivery of their own policies and strategies. It is acknowledged that members are at different stages of their sustainability journey and will have different priorities depending on their core business activities and regional issues.

This Charter has adopted the United Nations Sustainable Development Goals to provide a consistent framework with consideration to all areas of sustainability. Key goals are linked under the People, Planet and Public Purse headings to enable all members to identify relevant areas of sustainability and incorporate these back into their own organisations.

For EESG sustainability means:

Reducing the negative impacts associated with our operations, whilst working towards positive and long-lasting outcomes for our planet, the people within our organisations, the communities we serve and the public purse.

Our organisation recognises that all emergency services have the potential to affect the local and global environment, society and the wider economy. We also recognise that climate change and global trends will continue to have an impact on the demands placed upon our emergency services. We need to be proactive in recognising these impacts to continuously provide an efficient and effective service, and therefore aspire to:

People

- Take action in our local areas to contribute to the transition to more sustainable cities and communities.
- Proactively manage our resources as communities change and develop to continue to be receptive to their needs.
- Provide our staff with the tools and resources required for them to make informed sustainable decisions both in the workplace and at home.
- Provide a safe and healthy working environment and improve wellbeing for all staff.
- Continue to improve equality, diversity and inclusion in our organisations and in the communities we serve.
- Reduce the harmful emissions associated with our operations, to improve local air quality, reduce pollution and enhance the wellbeing of our communities.



EMERGENCY SERVICES ENVIRONMENT AND SUSTAINABILITY GROUP

Planet

- Work towards net zero carbon emissions through improving the energy efficiency of our estate and sustainable business and personal travel.
- Improve resource efficiency and adopt circular economy approaches to reduce waste and save money.
- Restore and enhance local biodiversity through considered management of our estates.
- Adapt to inevitable climate change through proactively managing our ability to respond to extreme weather events and changes to service demand.
- Take action to avoid or mitigate pollution of water courses.
- Minimise our reliance on fossil fuels by actively seeking to generate renewable energy at our sites, and through the adoption of greener technologies and fuels for our fleet.



Public Purse

- Use our spending power to promote and adopt sustainable procurement practices
- Proactively manage the opportunities brought by new technologies to maximise financial budgets.
- Proactively prosecute wildlife crime.
- Support our staff and local supply chains to develop and maintain the skills needed to meet our organisational needs and sustainability goals.
- Maximise Social Value contributions through the contracts we procure.





This Carbon Reduction & Environmental Action Plan and other Norfolk Constabulary policies and plans will support the sustainability charter by delivering the following:

People:

- We will review our Police and Crime Plans to respond to our community needs.
- We will support our staff through our 'Modern Workplace' initiative to provide hybrid and / or home working where suitable for their role.
- We will provide safe and healthy working environments for staff via our modernisation Estates Plan changes.
- We will promote diversity, equality and inclusivity in our services and staff.
- We will reduce vehicle pollution and removal harmful asbestos from our retained estate.

Planet:

- We will work towards net zero carbon emissions by delivering this action Carbon Reduction & Environmental Action Plan.
- We will make the best use of the resources available to our service and recycle waste, equipment and other materials where suitable.
- We will enhance wildlife and habitats under our new Biodiversity Action Plan.
- We will review our service provision and service continuity plans to deal with severe weather events.
- We will mitigate our water consumption and deal with our waste water appropriately to avoid polluting water courses.
- We will reduce our consumption of fossil fuels and invest in more renewable energy projects for our sites.

Public Purse:

- We will enhance the sustainable procurement practices in our new contracts.
- We will advance our Digital Strategy to obtain the financial advantages of new technologies.
- We will provide operational focus to reduce wildlife crime and assist prosecutions.
- We will encourage local SME's to review our new contracts and other procurement opportunities.
- Enhance the value given to 'Social Value' contributions made in the contracts we tender.

Current Carbon Emissions Context:

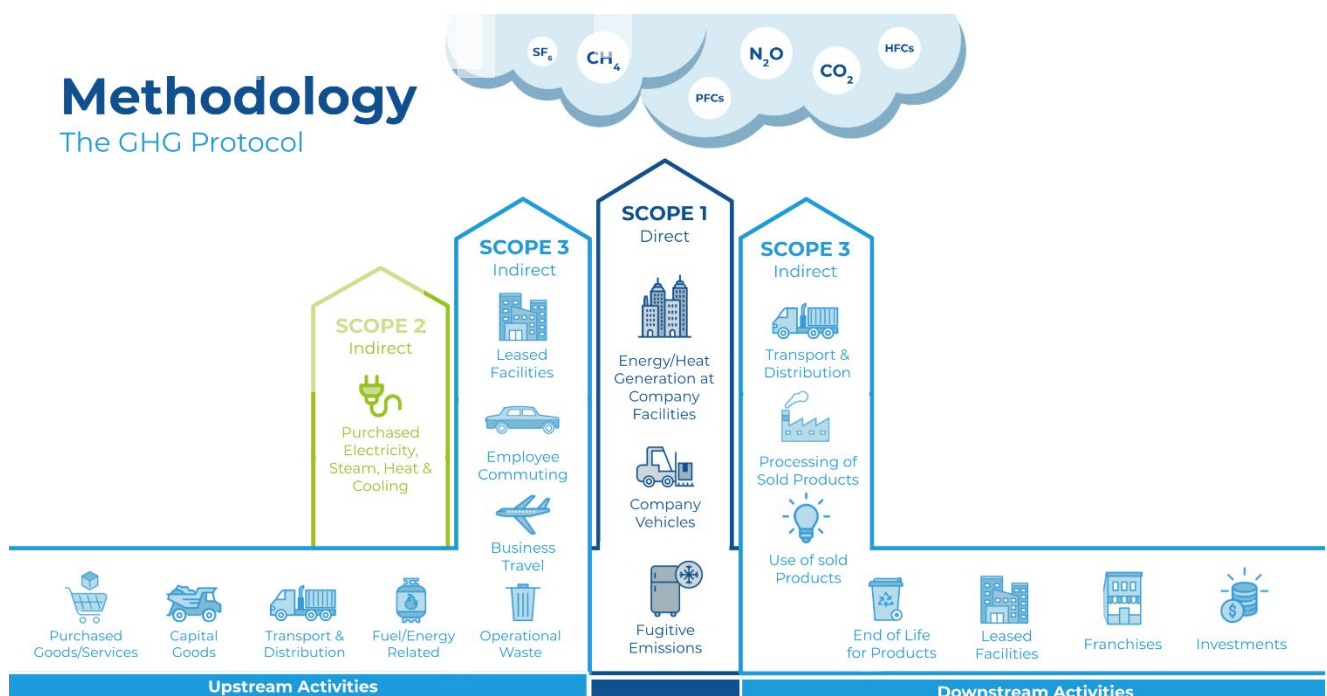
The impact of Norfolk Constabulary's services emitting carbon are described as the 'carbon footprint' of the organisation.

The international Greenhouse Gas Protocol places greenhouse gas emissions into 3 categories or 'Scopes'. See figure A below.

The context of our current carbon emissions is measured against the scope types as follows:

- Scope 1:** Activity controlled by Norfolk Constabulary that emit emissions straight into the atmosphere.
EG: Car fuel and heating gas for buildings.
- Scope 2:** Emissions being released into the atmosphere associated with our consumption of purchased electricity.
- Scope 3:** Emissions as a consequence of our actions which we do not directly control.
EG: Business travel, waste disposal or purchased materials.

FIGURE A – The Greenhouse Gas Protocol.



Our Carbon Baseline:

The UK Government baseline year for the recording of carbon emissions is 1990.

Our data recording to measure carbon emissions within Scopes 1 and 2 commenced from 2009 for Estates and 2015 for Transport , so this has been used for our baseline calculations.

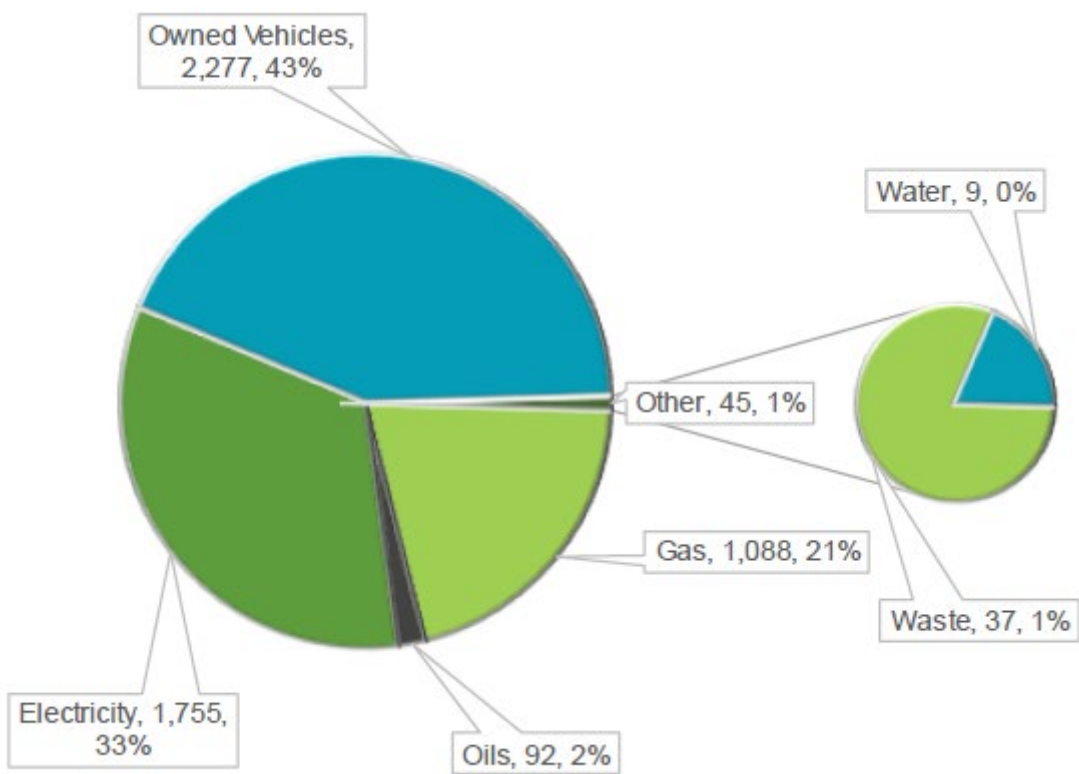
Table A below outlines our current total emissions at the start of this new action plan and the pie chart illustrates the source of the emissions.

TABLE A
Norfolk Constabulary – Current Carbon Footprint – Scopes 1 & 2.

2021 = 5,257 tCO2e

(Note: tCO2e = tonnes of carbon dioxide emitted)

Norfolk Constabulary – 2021 Current Carbon Emissions (tCO2e) by emissions source.



(Source: Laser Energy Consultants)

Our Carbon Reduction Progress 2009-2021:

Between 2009 and 2021 our carbon emissions within Scopes 1 and 2 have reduced by **35.56%**.

Table B below outlines the change of both scope 1 and 2 carbon emissions between 2009 and 2021.

TABLE B: Total Emissions of Scopes 1 and 2:

Type	Comments	Baseline 2009 [^] / 2015* Tonnes of tCO ₂ e	Current 2021 Tonnes of tCO ₂ e
Scope 1	Gas, Oil & Other fuels	1,200 [^]	1,225
Scope 1	Transport Petrol, Diesel & LPG	2,800 *	2,277
Scope 2	Electricity	4,158 [^]	1,755
Carbon Emissions Total:		8,158	5,257

The historic UK Government target for 2020 was a carbon emission reduction of 34%.

Norfolk Constabulary is making good progress and has exceeded this target by 2020.

Drivers for Reducing Carbon Emissions:

“Norfolk Constabulary will need to meet the UK Government key targets of:

- **68% reduction in greenhouse gas emissions by 2030.**
- **78% reduction in greenhouse gas emissions by 2035.**
- **Net zero greenhouse gas emissions by 2050”.**

The UK Climate Change Act 2008 was amended in 2019 to make the UK greenhouse gas emission target net zero by 2050. The urgent need to act and take practical action is now evident from climate change extreme weather events in the UK and across the globe, such as floods, heat waves, drought and forest fires.

Our main drivers for carbon reduction change can be summarised as:

UK National Responsibility:

New UK Government targets to reduce carbon emissions mean we have a responsibility to act now to monitor and further reduce our environmental impacts.



Technology:

The introduction of new technologies across our transport, estate, ICT digital and operational equipment will play a key role to reduce our carbon emissions and modernise the way we work in a more flexible and agile manner.



Efficiency:

As international energy and fuel costs rise our carbon reduction objectives will seek to achieve an efficient and sustainable consumption of energy and less reliability on fossil fuels.



Carbon Reduction Objectives:

SCOPE 1 – ENERGY – HEATING GAS & OIL:

Between the 2009 baseline year and 2021 Norfolk Constabulary's gas emissions have increased by **2.08%**.

For the year 2009 Norfolk Constabulary's gas and other heating fuel consumption produced **1,200 tCO₂** emissions.

For the year 2021 Norfolk Constabulary's gas consumption and other heating fuel produced **1,225 tCO₂** emissions.

Diesel fuel is still used for operational sites back-up electrical generators.

Targets:

We will seek to achieve the following targets to reduce our emissions:

- To reduce our gas emissions by **756 tCO₂** by 2030.
- To remove all gas heating services in Norfolk Constabulary own buildings by 2035.

Performance Measurement:

We will measure the following to track our progress every year:

- Total gas consumption (Kwh).
- Gas consumption per building (Kwh/per sqm).
- Total gas emissions (tCO₂).
- Gas emissions per building (tCO₂/per sqm).

Action Plan:

We Will:

- Continue to undertake practical works to our retained estate to improve the building fabric to insulate and retain our buildings heating.
- Review our heating controls and gas boiler equipment up to its replacement, to make sure it is operating efficiently.
- Engage with shared premises One Public Estate partners and commercial landlords to review the joint need for action to reduce carbon emissions and modernise building heating systems.
- Prepare a programme of work to remove and replace every gas boiler with alternative air or ground source electrical heat pumps or a shared district heating system by 2035.
- Deliver the removal of those gas boilers up to 2030 under this plan as outlined in Table C below.

TABLE C - SCOPE 1 – ENERGY – HEATING GAS:

SCOPE 1 - OBJECTIVE 1:		
Deliverable:	Estimated CO2 Reduction	Target Date
Investigate and report on energy efficiency in buildings.		
Report on planned maintenance survey and insulation improvements to buildings.	To be confirmed.	2023
SCOPE 1 - OBJECTIVE 2:		
Deliverable:	Estimated CO2 Reduction	Target Date
Undertake Energy efficiency improvements.		
TO BE UPDATED AFTER SURVEY WORK	To be confirmed.	2023
Review all sites thermostatic and heating control systems.	To be confirmed.	2023
TOTAL:	0	

SCOPE 1 - OBJECTIVE 3:

Deliverable: Replace all gas heating with electric heating.	Estimated tCO2 Reduction PA	Target Date
ACTION PLAN WORKS BY 2025		
Norwich City Police Station (Bethel Street refurbishment)	62	2024
Acle Police Station (vacation of premises)	13	2024
Harleston Police Station	3	2023
Hunstanton Police Station	9	2023
Long Stratton Police Station	4	2023
Norfolk Police Store (vacation of premises)	3	2023
Norfolk Police Office	36	2025
Sprowston Police Station (vacation of premises)	7	2025
Wymondham – Building 8	4	2025
TOTAL:	141	
ACTION PLAN WORKS BY 2030		
Great Yarmouth Police Station	58	2030
Attleborough Police Station	33	2030
Dereham Police Station	34	2030
Dersingham Police Station	6	2030
Diss Police Station	6	2030
Downham Market Police Station	24	2030
Gorleston Police Station	26	2030
Earlham Police Station	11	2030
Fakenham Police Station	14	2030
Hoveton Police Station	3	2030

King's Lynn ABE Suite	4	2030
SARC & Supporting Office	18	2030
Taverham Police Station	3	2030
Terrington St John Police Station	8	2030
Wells-next-the-Sea Police Station	2	2030
Wymondham – Building 7	3	2030
TOTAL:	253	

SCOPE 1 - OBJECTIVE 4:

Deliverable: Replace all gas heating with electric heating.	Estimated tCO2 Reduction PA	Target Date
ACTION PLAN WORKS BY 2035		
Hethersett Old Hall	20	2035
King's Lynn Police Station	55	2035
North Walsham Police Station	8	2035
Swaffham Police Station	9	2035
Thetford Police Station	38	2035
Wymondham – Building 7	3	2035
TOTAL:	133	

Carbon Reduction Objectives:

SCOPE 1 – TRANSPORT – PETROL, DIESEL & LPG:

TRANSPORT:

Norfolk Constabulary operates its operational and non-operational transport jointly with Suffolk Constabulary. The Joint Transport Services Department is responsible for a police fleet of over 1,200 vehicles operating over 19 million miles per annum. These vehicles are maintained by 6 workshops and 1 commissioning centre.

For the year 2015 Norfolk Constabulary's transport produced 2,800 tCO₂ emissions.

For the year 2021 Norfolk Constabulary's transport produced 2,277 tCO₂ emissions.

Between 2015 and 2021 the number of operational demands and miles travelled has increased, but vehicles have become more efficient resulting in a reduction of 523 tCO₂ emissions.

The use of electric and hybrid vehicles currently available from manufacturers remains under national evaluation for their long-term suitability for police operational purposes, especially for 999 response services and other tactical purposes.

As the UK moves towards no new petrol and diesel car sales after 2030, we will make the active transition to hybrid (available up to 2035) and electric vehicles.

Targets:

To reduce carbon emissions from transport by a further **450 tCO₂** by 2030.

Performance Measurement:

- The number of hybrid and electric replacement vehicles introduced into the Transport Fleet.
- The number of new EV car charging points rolled out across the estate.



Action Plan:

We will:

- Publish a Transport Strategy with a focus on operational vehicle types required for future policing demands, moving towards a part electric and hybrid fleet and reducing operational mileage.
- Roll out electric car charging points across our operational sites for operational use.
- Introduce zero emission marked (Safer Neighbourhood Team) and unmarked vehicles from 2022 and operational marked zero and low emission vehicles from 2024.
- Introduce a policy and develop a further strategy where ultra-low emission vehicles (ULEVs) emit less than 75g of CO₂ per kilometre from the tailpipe, or is capable of operating zero tailpipe emission mode for a range of at least ten miles from 2027 and phase out petrol and diesel vehicles by 2032.
- Review our transport deployment operating model and green travel plans.

Table D below outlines the phased action plan to provide new hybrid and electric vehicles across the Joint Norfolk & Suffolk transport fleet during the start of the plan period 2022 to 2025.

TABLE D:
SUMMARY OF PHASED ELECTRIFICATION PHASES
FOR JOINT NORFOLK & SUFFOLK FLEET.

Phase	Years	Number of Vehicles	Main Vehicle Roles	Plug-in/Full Electric	Total % of Fleet
1	2022/23	26	CID & Pool use.	Full electric Full electric	3
2	2023/24	56	CID Pool use CSI Safer Neighbourhood Teams Safeguarding & Investigations. Joint Justice	Full electric Full electric Plug-in Full electric Full electric Full electric Full electric	8
3	2024/25	76	Pool use CSI Safer Neighbourhood Teams Safeguarding & Investigations. Response	Full electric Plug-in Full electric Full electric Full electric Full electric Full electric	14



Carbon Reduction Objectives:

SCOPE 2 – ELECTRICITY:

As a result of the Estates Strategy modernisation programme and the greener UK national electricity supply, between the 2009 baseline year and 2021 Norfolk Constabulary's electricity related carbon emissions reduced by 57%.

For the year 2009 Norfolk Constabulary's electricity consumption produced 4,158 tCO₂ emissions.

For the year 2021 Norfolk Constabulary's electricity consumption produced 1,755 tCO₂ emissions.

Targets:

To reduce carbon emissions from electrical consumption by a further **500 tCO₂** by 2030.

To increase the number of sites with renewable building measures from 15 to 25 by 2030.

Performance Measurement:

- Total electricity consumption (Kwh).
- Electric consumption per person (Kwh per FTE) and per building (Kwh/per sqm).
- Total electricity emissions (tCO₂).
- Electric emissions per person (tCO₂ per FTE) and per building (tCO₂/per sqm).
- Total renewable electricity consumption (Kwh).
- Total number of sites with renewable electricity production.

Action Plan:

We will:

- Review all retained sites electrical supply, use and consumption.
- Switch to purchasing to green electricity tariffs via Renewable Energy Guarantees of Origin (REGO) electricity.
- Replace all light fittings with LED fittings.
- Roll out further building renewables across the retained estate to generate our own electricity.



TABLE F - SCOPE 2 – ELECTRICITY:

SCOPE 2 - OBJECTIVE 6:		
Deliverable:	Estimated tCO2 Reduction	Target Date
Switch to a renewable source of electricity purchase.	42	2030
Provide additional renewables on 10 sites.	15	2030
Provide additional large scale commercial renewables.	268	2030
Provide LED lighting internally and externally at all sites.	175	2030
Check and report on the efficiency of all white good, electrical equipment and tools. Plan for reduced consumption.		
Review the amount of mechanical and electrical equipment at each site. Plan for reduced consumption.		

2022-2030

SCOPE 1 & 2: Carbon Reduction Summary.

Norfolk Constabulary has already made a **35.56%** reduction in carbon emissions since 2009.

Our minimum target overall is to reach the UK Government requirement of **68%** reduction in carbon emissions by 2030.

The action plans we have outlined for scope 1 and 2 emissions are summarised in Table E below to make the additional **32.44%** carbon emission savings by 2030.

A large proportion of the carbon reduction savings will be made via reduced gas consumption in our buildings and investing in building electrical renewables. Upto 2030 our transport fleet will remain in part transition to hybrid and electric vehicles.

TABLE E:
Action Plan tCO₂ Reduction by Type by 2030.

Type	Current 2021 tCO ₂ e	2022-2030 Required Reduction tCO ₂ e	Planned 2030 tCO ₂
Scope 1 Gas, Oil & Other fuels	1,225	756	469
Scope 1 Transport Petrol, Diesel & LPG	2,277	450	1,827
Scope 2 Electricity	1,755	500	1,255
	5,257	1,706	3,551

Carbon Reduction Objectives:

SCOPE 3 – Emissions as a consequence of our organisational actions.

Norfolk Constabulary will also review and prepare for the reporting of scope 3 emissions during the course of this action plan.

Our Environment and Sustainability Manager will undertake a screening assessment of the 15 categories of the scope 3 emissions as outlined below.

Scope 3 Emissions: Upstream

Purchased Goods & Services

Employee Commuting

Other Fuels & Energy

Upstream Transportation & Distribution

Purchased Capital Goods

Upstream Leased Assets

Waste

Business Travel

Scope 3 Emissions: Downstream

Downstream Transportation & Distribution

Processing of Sold Products

Use of Sold Products

End of Life Treatment of Sold Products

Downstream Leased Assets

Franchises

Investments

This will help us collect data and focus on activities that cut across the operational activity of the organisation and make recommendations on what actions will reduce the scope 3 areas with the highest emissions the quickest in the future.

Carbon Reduction Objectives: SCOPE 3 – ACTION PLAN.

We will continue to undertake a number of planned practical actions to reduce our scope 3 carbon emissions and reduce our environmental impact as a consequence of our organisational activities.

Over the duration of this plan we will seek to take further action to reduce our carbon emissions and environmental impacts relating to activities in the following main areas:

Supply Chains

Waste & Recycling

Water

Air Quality

Food &
Catering

Estate
Construction

Supply Chains:

To reduce the environmental impact of the goods and services we purchase.

Action Plan:

We will:

- At the point of new contract evaluations undertake an environmental impact assessment of goods and services we procure.
- Review the sustainability standards of the suppliers and consultants we use.
- Enhance '*quality scores*' in our contract tendering relating to carbon emissions and environmental impacts.
- Enhance '*social value*' scores in our contract tendering relating to the use of local labour, sub-contracting to local small and medium sized businesses, reducing transport
- Specifying the use of accredited sustainable products in our supply chain.
- Engage with suppliers on future carbon assessment and recording methods.
- Purchase electrical and technology goods and equipment with high energy label ratings.



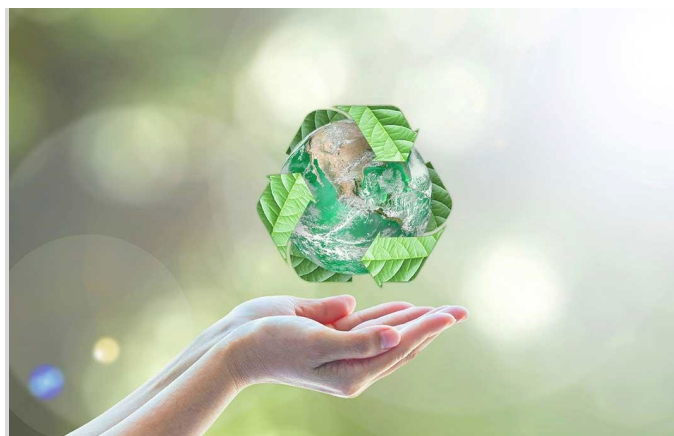
Waste & Recycling:

To manage and reduce waste.

Action Plan:

We will:

- Review our baseline for waste disposal and recycling across the whole of Norfolk Constabulary.
- To review our waste and recycling disposal receptacles on our sites to enhance the recycling of our waste products.
- To raise staff awareness on waste sustainability and promote a zero waste culture.
- To review our supply chains and related purchasing of goods and services to reduce the purchasing of waste packaging.
- Review how our food waste is disposed or and / or recycled / composted.
- Review our operational and hazardous waste and seek improvements to deal with the same in a more sustainable manner. EG: Clinical, uniform, ICT and operational equipment, vehicles, tyres, metals, electrical appliances and firearms.



Water Use:

To conserve water through efficient use and management.

Action Plan:

We will:

- Review our water consumption per site, review use and make minor work improvements to buildings and / or equipment to reduce water use.
- Report on our water consumption per site through our national estates benchmarking.
- Monitor our metered supplies of water to check for irregular consumption and possible leaks.
- Review our vehicle washing facilities and related drainage and fuel interceptors and make sure they are working efficiently.
- Review and update if required our premises toilets, urinals, taps, showers and transport hoses to ensure efficient use of water.
- Respond to reported water leaks across our estate quickly.
- Provide direct mains water supplies in our buildings and reduce the use of tanked water for drinking and cleaning.
- Review opportunities for rainwater harvesting / use of grey water during our building refurbishments and new builds.



Food & Catering:

To provide healthy and sustainable food.

Action Plan:

We will promote healthy eating and in line with government guidance to lower the levels of salt, sugar and fat provided in our food and catering offer.

We will ensure we have a balanced customer offering to support a healthy lifestyle for our staff.



(Extract from ESS Catering)

We will work with our catering supplier to deliver the following:

- **Fruit and Vegetables** – to use seasonal fruit and vegetables from UK farmers via East Anglian suppliers.
- **Milk /Dairy** – Provide Red Tractor Assured standard from UK farmers via East Anglian suppliers.
- **Eggs** - To provide 'free range' whole eggs from UK farmers via East Anglian suppliers.
- **Fish** – To enhance sustainability by eliminating the use of fish from the Marine Conservation Society's 'Fish to avoid' list. To use diverse species of white fish to reduce pressure on sensitive stocks. To use UK suppliers.
- **Meat** – To provide Red Tractor and preferred RSPCA Assured meat at higher welfare standards from UK farms.

- **Palm Oil** – To reduce the number of products that contact palm oil or related derivatives. Move to purchasing products with international palm oil sustainable accreditation standards.
- **Ethical Trade** – To ensure all tea, coffee and sugar products are Fairtrade and / or Rainforest Alliance certified. To increase the use of ethically traded products and ingredients. To ensure the supply chain demonstrates compliance with the Modern Slavery Act 2015.
- **Catering Disposables** – To ensure the use of all plastics are reduced and the use of disposables are minimised. Provide reusable cutlery and crockery as the norm. Where disposable products are provided, they must be recyclable.
- **Catering Equipment** – Review catering equipment and provide the same at the highest efficiency rating on lifecycle renewal.
- **Customer Engagement** – To provide customer information to enhance the awareness of sustainable and healthy food and catering within our organisation.



(Extract from ESS Catering).

Estates Construction:

To reduce the environmental impact of our building projects.

Action Plan:

We will:

- Introduce a high standard of sustainability construction for Norfolk Constabulary including considerations relating to design, construction, materials and equipment used, salvaged / recycled materials, life cycle, renewables, waste management, supply chain and travel.
- Seek to increase the percentage of buildings that have the highest Display Energy Certificate ratings of A to C.
- To review and learn from the impact of BREEAM Excellent standards from other partner construction projects.
- To provide a modern finishes schedule for our buildings and mechanical and electrical services used, that will enhance our sustainability performance.
- Monitor and report on the energy consumption and impacts of new build and refurbishment projects to learnt from best practice and successes.
- Share best practice for sustainable construction methods with other police forces.
- To engage with building contractors during tender phase to review sustainability impacts of the proposed methods of construction and score this with more % weight in the quality scoring as part of the tender process.

Air Quality:

To prevent air pollution and enhance local air quality.

Action Plan:

We will :

- Engage with Local Authority partners in schemes to enhance local air quality and maintain smoking and vape free premises across our estate.
- Review our vehicles and the serviceable parts they use (such as brakes and tyres) to further reduce air pollution.
- Ensure our Transport Workshop local exhaust ventilation systems are fit for purpose, regularly serviced and tested.
- Ensure all our air conditioning refrigerants are ozone friendly by 2030.
- Remove all identified and known asbestos from our retained estate by 2030.
- Prior to its planned removal from our estate by 2035, ensure our building gas boilers remain fit for purpose, regularly serviced and tested.
- Ensure chemicals and other hazardous products and waste are stored safely and in compliance with statutory requirements / HSE guidance.
- Ensure premises occupied by staff are suitably ventilated by natural or mechanical means.



Carbon Reduction & Environmental Action Plan Milestones:

Table F on the next page outlines the main milestones of the Carbon Reduction & Environmental Action plan.

Our Environment and Sustainability Manager will co-ordinate and monitor the actions outlined in this plan and help deliver and undertake some of the tasks.

The following Norfolk Constabulary departments will have a key role to play in achieving the required carbon emission reductions of 68% by 2030 and enhancing our environmental performance:

Buildings: Estates & Facilities Services.

People: Human Resources.

Supply Chains: 7 Force - Commercial Services & Finance & Specialist Services.






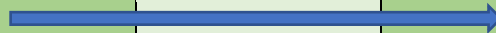


















Technology: ICT Services.

Vehicles: Transport & Uniform Services.



Carbon Reduction & Environmental Action Plan Milestones:

MILESTONES:

	ACTION	2022	2023	2024	2025
Estates	Provide new Estates Strategy & Biodiversity Action Plan.				
	Building Energy Surveys.				
	LED Lighting roll out.				
	Renewables – PV roll out & Reduce Pollutants				
	Estates Plan Review.				
	Estates Plan Implementation.				
	Planned Maintenance & Heating Services Renewal.				
	Review Catering and Food.				
	Review waste and recycling.				
Transport	Provide new Transport Strategy.				
	Telematics Review of Transport Data.				
	EV Car Replacement roll out.				
	Charging Infrastructure.				
ICT	Review ICT Strategy to reduce carbon emissions.				
	Review of ICT Assets – carbon emissions.				
	ICT Assets - end of life upgrades.				
	Support Modern Workplace / Hybrid Working.				
	Review datacentre energy use and equipment.				
Supply Chain	Review contract templates to enhance sustainability.				
	Review sustainability standards of suppliers.				
	Review future supply chain carbon data capture needs.				
People	Raising Awareness, Diversity & Green Leaders Network.				
	Modern Workplace initiative.				
	Continuous Community & Staff Engagement.				

Our Governance to Deliver:

“The Police and Crime Commissioner for Norfolk chairs a **Norfolk Estates Governance Board** no less than every quarter to review progress and take decisions on carbon reduction and environmental matters”.

Norfolk Constabulary Chief Officers will report to The Police and Crime Commissioner’s Norfolk Estates Governance Board on the following matters:

- The progress to deliver the Carbon Reduction and Environmental Action Plan.
- Business cases for organisational change to achieve further carbon reduction or environmental sustainability.
- Requests for investment to undertake projects or obtain third party carbon reduction grant funding.
- Recommendations for public consultation, engagement and the use of community volunteers in environmental projects.
- Requests for planning applications required to support carbon reduction and environmental projects.



Below The Police and Crime Commissioner’s Estates Board, Norfolk Constabulary’s Head of Estates monitors the co-ordination of works and projects with other internal departments via a **Carbon Management Project Board**.



To contact the Police and Crime Commissioner for Norfolk

Telephone: 01953 424455

Email: OPCCN@norfolk.police.uk

Write to:

The Office of the Police and Crime Commissioner for Norfolk

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Estates & Facilities Department
Norfolk Constabulary

