

EAST AYRSHIRE COUNCIL

CLEAN GREEN

Empowering Young People- East Ayrshire Climate Change Strategy and Clean Green Awards

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CARING FOR OUR PLANET **#EANetZero**

Initial Challenge & Council Response

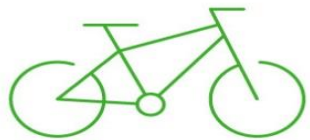
- May 2019 – Threat of School Children Climate Change Strike
- Diverted by dialogue and invitation to lead the Council's Climate Change Response
- Working with activists we held our first Young Peoples Climate Change Conference in October 2019



Empowering our Young People

Pledge wall 2021

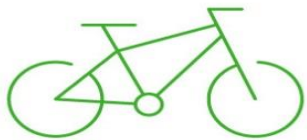
Recycling more	Use my food caddy more regularly	Turn the heating down	Plant a tree	Recycle more ♻️	Use natural daylight instead of turning on the lights	Walk to school	Pick up litter
Stop wasting food	Put on an extra layer of clothing	Use the right bin	Have a leftover night for dinner	Park and Stride	Turn off properly electronics when not in use	Don't buy as much plastic things	Save or recycle food
Put all my litter in the bin	Use less electronics	Use natural lighting, turn off lights	Waste less paper	Don't let the tap run	Freeze leftovers	Organise a litter pick up	Take slightly colder showers
Use less water when brushing teeth	Take shorter showers	Turn the TV off 30 mins before the normal time (for a week)	Insulate my house better	Use a food waste bin	Reduce single use plastic drinks bottles	Walk to school more	Reducing car journeys
Educate people on the impacts and how they can contribute.	Start cycling more	Unplugging items	Spreading the word	Make reusable paper	Go around and pick up litter	Dvd swapping and toys	Switch my heating down by 2 degrees
Keep going with food waste recycling	Reduce food waste by buying less food.	Go on more walks	Plant flowers 🌱	Stop leaving things on stand-by and unplug devices.	Make different bins at home	Watering plants with water that I would normally pour away	Switching off the tap while brushing my teeth
Make one less journey a week by car and bicycle instead. .	Increase biodiversity in school by planting	Become more aware of energy consumption	Open curtains if it's light outside	Get a cover instead of the heating	Keep my plastic and upcycle it. ♻️	Make reusable paper	I will try to go on my bike more
Make more visits outside.	Create bug hotels	Cycle or walk to school at least twice a week	Start composting	Drink more water from a reusable water bottle	Turn off plugs	Walk to school more	Not to make unnecessary car trip
	Think about my actions more	Plant flowers or recycle all my plastic and cardboard	Pick up litter outdoors so no animals get hurt.	Use solar powered energy	Not play my phone much and try to read more books		



CARING FOR OUR PLANET #EANetZero

Climate Change Policy Development and Actions

- Established Climate Change Member Officer Working Group with Children and Young People as active participants
- June 2021 – Council's first Draft Climate Change Strategy Published
- Around COP26 (Autumn 2021) Extensive Consultation and Engagement on Strategy
- February 2022 – Final Climate Change Strategy and Action Plan – Supported by a £1M Climate Change Fund and Associated Action Plan



School Action Plans and Clean Green Education Awards

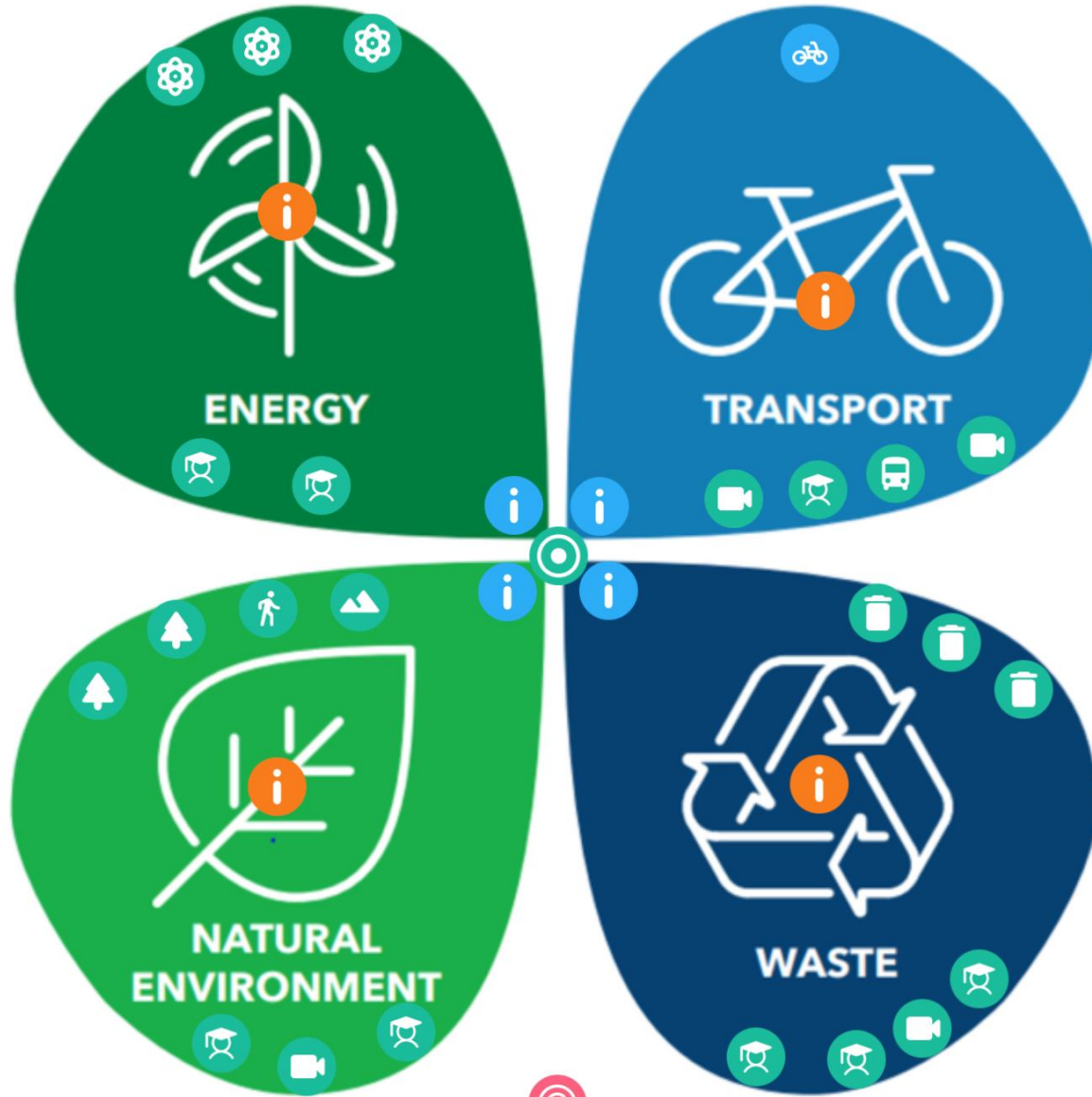
- Second Young Peoples Climate Change Conference in September 2021 – Agreed priorities and strategic actions across 4 Key Themes (Energy Transport Waste and Nature Environment)
- A call to action - All of our Schools encouraged to develop their own Clean Green East Ayrshire Action Plans
- Agreed to recognise participating schools through the Clean Green East Ayrshire Education Awards



Responding to Young people

How as a council young people views have been acted upon following 1st conference:

Theme	You Said...	Together we've...
Energy	Adding more sustainable power sources like solar panels, water power and wind power	Biomass boiler and solar panels in Barony Campus, refurbishments and new builds meet better energy standards
	Turning computers off at school	Campaigns and onsite staff support
	Reduce water waste	Installing water automatic meter readers (AMRs)
Transport	Better incentives for electric cars and infrastructure	Increased charging points Free parking and charging for electric cars
	Create car exclusion zones	Active Travel initiatives No car zone around pilot schools
	Better cycle routes	Promoting active travel, Kilmarnock infinity loop, improving signage and online maps
Natural Env	Stop littering	Litter campaign, introduced recycling trollies for all schools
	Go out and explore wildlife	LOST support outdoor learning in schools
Waste	Make it easy for people	Schools recycling trollies Introduces recycling bins to offices
	Make young people in charge	Waste warriors, captains of compost
	Reduce, reuse, recycle	Home cooking lessons, uniform swap, battery and cartridge recycling, awareness raising campaigns, school meals to take home, left over recipe books,
	Reduce single use plastic	School catering service introduced more recyclable and organic packaging



#EANetZero



- Engagement
- The Key Messages
- Investment
- Performance



EAC Clean Green School Award

Aim of scheme

To support all establishments in actively engaging in the Climate Change Agenda and our commitment to NetZero
To support the implementation of Climate Action Plans in each establishment

Theme 1: Energy

Reduce the consumption of energy, promote energy efficiency and increase power and heat from low and zero carbon tech

Some initial questions to help develop establishment action plans and award submissions:

- How are you ensuring lights are only on when necessary?
- How do you ensure windows/doors are not letting heat escape?
- How are you ensuring you safe water?
- How are devices managed so everyone takes responsibility to save energy?
- How is the curriculum supporting the education of young people on the theme of sustainable energy?
- Are you an EAC Carbon Counting school? What actions/impact has this had?
- What have you done to raise awareness of key issues at home and in local community?

Theme 2: Transport

To encourage active travel through walking, cycling and public transport.

Some initial questions to help develop establishment action plans and award submissions:

- How do you encourage active travel to school?
- How do you support drop off zones/ no car days etc?
- How are you activity reducing the number of vehicles around the school grounds?
- How is the curriculum supporting the education of young people on the theme of active travel, air pollution and sustainable travel options?
- What have you done to raise awareness of key issues at home and in local community?



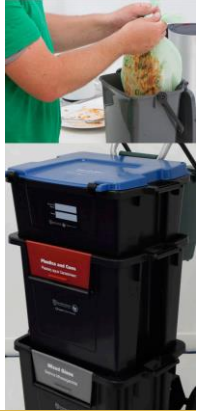
EAC Education Climate Change Award

Theme 3: Waste

Manage waste sustainability by reducing, reusing, recycling and recovering waste whilst working towards a circular economy.

Some initial questions to help develop establishment action plans and award submissions:

- How are you reducing food waste in the school building?
- How are you supporting the reduction of single use plastic?
- How is waste reduction and recycling tackled directly? (Do you have monitors, is there recycling trolleys out and used?)
- What systems have you put to support a circular economy? (e.g uniform swap etc)
- How is the curriculum supporting educate young people on a circular economy, reducing waste, recycling etc?
- What have you done to raise awareness of key issues at home and in local community?



Theme 4: Natural Environment

Ensure our communities, green networks and infrastructure are adaptable to a changing climate and reduce the risks and vulnerability to unavoidable impacts.

Some initial questions to help develop establishment action plans and award submissions:

- How are you protecting and promoting green spaces within the school grounds?
- How is litter managed within the school grounds?
- How does your school promote and support local produce?
- How are you supporting the natural environment from a local and global aspect?
- How is the curriculum supporting educate young people on supporting their Natural Environment?
- What have you done to raise awareness of key issues at home and in local community?



EAST AYRSHIRE YOUTH CLIMATE CONFERENCE 2021

EAC Education Climate Change Award

Key Information – for 23/24

- Action Plans submitted by September
- At least 3 themes covered in all action plans
- PT, Graduate intern and link officers support plans
- Core areas for consideration each year which link to council strategy
 - Last year Active Travel and recycling
 - This year Food Waste and Energy Consumption
- Award Submissions Thursday 1st June
- Award ceremony (whole council event) mid-June
- Specific mailbox for all support-
eaCleanGreenAward@eastayrshire.org.uk



The image shows a sample 'EAC Education Climate Change Award Action Plan 2022/23' form. The form is titled 'EAC EDUCATION CLIMATE AWARD ACTION PLAN 2022/23' and includes a logo for 'CLEAN GREEN EAST AYRSHIRE COUNCIL'. It features a table with columns for 'Theme', 'Planned actions/ideas', 'School action points', 'Who it involved', 'Timescale', and 'Review/Update'. The 'Theme' column is pre-filled with 'Energy', 'Transport', 'Waste', and 'Natural Environment'. The form also includes fields for 'Establishment:', 'Lead Young People', 'Supporting Staff', and 'EAC Themes'. At the bottom of the form, there are icons for a recycling symbol, a bicycle, and a leaf, along with a green banner containing the same icons.



We ran a mascot competition for Clean Green Schools awareness at New Cumnock PS.

The winner was Windy the Windmill created by Noah in P3.

There are lots of windfarms around New Cumnock.



We invited Vattenfall Windfarm who run South Kyle to virtually visit our classes during World of Work Week.



They spoke about renewable energies and how a windfarm works. They also spoke about jobs on the windfarm.



Our First Clean Green Education Awards



- May 2022 - 21 of our schools submitted Action Plans and these contained 217 individual actions to reduce or mitigate carbon emissions
- These achievements were celebrated at our first Clean Green School Awards in June 2022
- 20 Schools achieved Bronze Recognition
- 1 School (Onthank Primary) received a Silver Award and the Chair's Special Recognition Award
- A number of other Special Recognition Awards around the 4 key Themes were also made

Climate Activists



During this session the ECO Committee have taken part in a variety of activities.

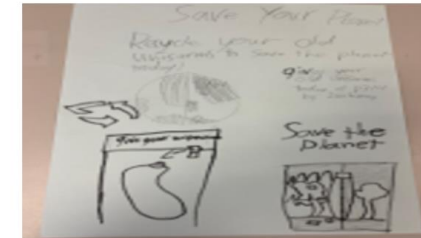
- We have delivered and collected the Rag Bags across the school.



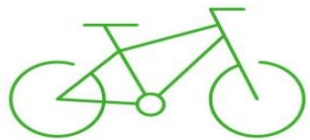
Community litter pick

Recycling Uniform

- Dalmellington Primary School and ECC are having an open evening on the 7th June.
- The ECO Committee are asking pupils to bring in old uniform that has been used.
- We have designed posters to be displayed around the school (a working progress) .



Halloween Costume Swap.



CARING FOR OUR PLANET #EANetZero

How can I reduce my digital footprint?

- ✓ Compress the size of the documents you send by email to decrease the weight of the message;
- ✓ Use hyperlinks rather than attachments;
- ✓ Avoid email signatures, especially images that weigh down mailings;
- ✓ Don't spread chain mail, petitions, humorous images, fakes, etc.;
- ✓ Regularly delete emails that have been dealt with, and don't forget to empty the trash bin;
- ✓ Unsubscribe from newsletters you don't read;

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- ✓ Unsubscribe from newsletters you don't read;
- ✓ Limit "reply ALL", send fewer emails and limit the number of recipients;
- ✓ Talk in person rather than over email
- ✓ Enter the url of a website if you know it rather than going through a search engine;
- ✓ Cut down on the number of pages you view by using specific keywords;
- ✓ Make your regularly viewed websites favourites;
- ✓ Make regular use of your smartphone's optimisation feature that stops apps running in the background.



A one-megabyte email during its total life cycle emits 20 g of CO₂, i.e. the equivalent of a lamp lit for 25 minutes.

Google

One search on Google = 0,2 to 7 grams of CO₂

Every online search comes at a cost to the planet. In processing 3.5 billion searches a day, Google accounts for about 40% of the Internet's carbon footprint.



20 emails a day per user over one year, create the same CO₂ emissions as a car traveling 1000 km. In one hour, more than twelve billion emails are sent, representing more than 4,000 tonnes of oil.



Ten hours of high-definitions film consume more bits and bytes than all the English-language articles in Wikipedia put together. In 2018, online video traffic was responsible for more than 300 million tonnes of CO₂, equivalent to what a country the size of Spain releases in a year.



WMCKilnarnockAcademy
@WMCKilnarnockAc

We are now buying our milk from @MossgielFarm for our barista and milkbar. This means we now have no plastic waste and we are also supporting a local business.



The school's Barista Group have constantly explored ways to reduce their environmental impact in providing what many would argue to be an essential service to the school.



CARING FOR OUR PLANET #EANetZero

Our third Young People's Climate Change Conference



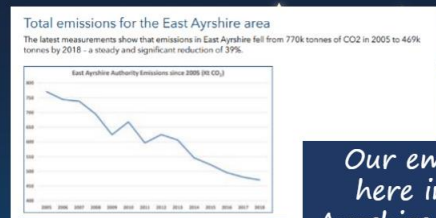
- Third Young Peoples Climate Change Conference was held in October 2022
- This allowed those schools who has achieved special recognition awards to share their experiences and best practice.
- Mission to the Moon Active Travel Initiative announced

35 establishments- primary, special and secondary schools created action plans



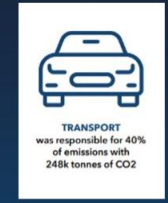


Net Zero emissions by 2030

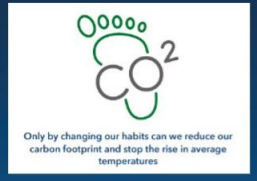


Our emissions here in East Ayrshire in 2005 measured 770k tonnes

Our emissions here in East Ayrshire in 2018 measured 469k tonnes



Over half of our journeys are just over a mile!



East Ayrshire Council, Mission to the Moon - Active Travel Initiative

The aim of the project is to get young people walking to school – in a bid to further reduce our carbon emissions here in East Ayrshire, while also reducing congestion at our school gates and promoting active travel.

Over 20 of our primary schools have signed up to join our mission to help us gather enough 5-miles to send our clean green rocket to the moon.

Our mission begins on MONDAY 20th FEBRUARY 2023 and continues each school day until FRIDAY 23RD JUNE 2023. Good luck Crew!

EAST AYRSHIRE COUNCIL
CLEAN GREEN
Theme 2 : TRANSPORT

Our objective
"Decarbonise the Council's fleet and minimise grey fleet mileage whilst encouraging active travel through walking, cycling and public transport."



The Big Picture

East Ayrshire Council
Comhairle Siorrachd Air an Ear

CLEAN GREEN
EAST AYRSHIRE



Second Clean Green Education Awards



- June 2023 2nd Clean Green Education Awards
- 28 establishments recognised working on over 680 Climate Actions
- Introduction of highly commended
- Special recognition around key themes, also staff leadership
- Partnership with Keep Scotland Beautiful and EcoSchools



Plan ...

I think I can play an important part in helping Fenwick Primary be a greener school...

Do ...

Review ...

Eco Warriors and eco-checklists help us save energy in school

Carol from Vattenfall taught us about Renewable Energy and Green Energy jobs

We carry out weekly litter picks in our playground and monthly clean-ups in our local community.

We designed our own signs for our general waste and recycling bins

School uniforms, Festive clothing and World Book Day Swap Shops

Clearing our planters to make way for pansies, petunias and peonies

Building a home for hedgehogs

We made Bug Hotels using logs, sticks, pine cones and leaves.

We shared our ideas to help design Fenwick Community Garden

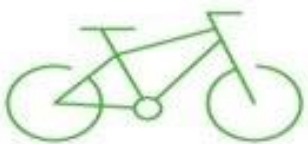
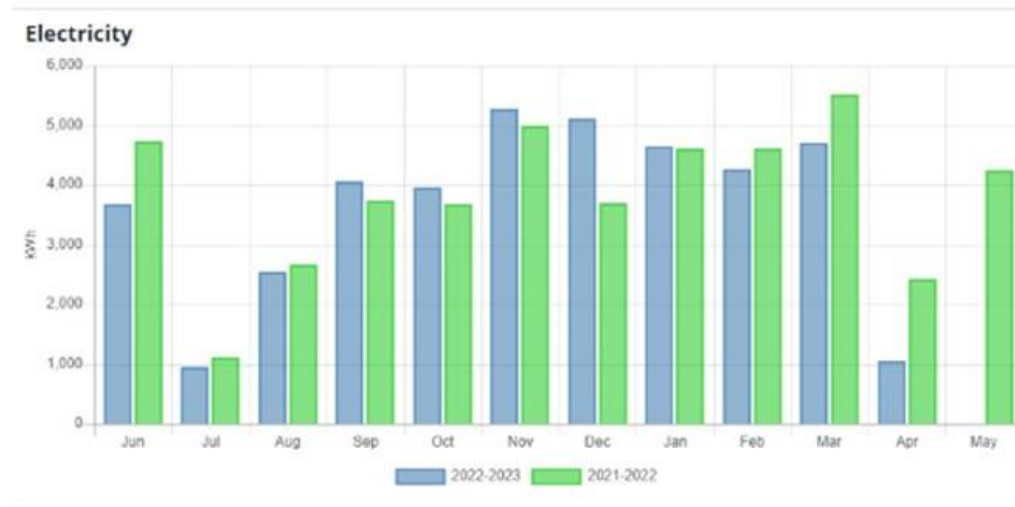
Power Down

- An Energy Reducing Initiative in our Education Establishments and Communities

The aim of Power Down is to build a strong community of energy saving champions across our East Ayrshire centres, schools, homes and communities

How the schools get involve:

- o Sign up to join Windys Workforce
- o Participate in energy awareness / reducing challenges throughout the year
- o Collect all the parts needed to build a wind turbine for centres/schools



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Lessons for Others

- Don't underestimate the power of young people to drive change
- Boots on the ground to support schools is essential
- Investment in teaching and support staff will save on external project spend
- Local knowledge delivers better outcomes
- Sharing what works inspires others to act
- Individuals can drive organisational change
- We can all make a difference, and it is imperative that we do

