

# Climate Change - getting past the blah blah blah

**Sustainability Partnership Presentation**

**18 November 2021**

South Ayrshire  
**COMMUNITY  
PLANNING**  
Partnership



*south*  
**AYRSHIRE**  
COUNCIL  
Comhairle Siorrachd Àir a Deas

# Overview

1. Recent events in Glasgow – blah blah blah?
2. What this means for us - Scotland and Ayrshire?
3. Some inspiring examples of positive action taking place now in Ayrshire.
4. call to action – what is it you can do and does it matter?



# Scotland – First Ministers statement

COP26: First Minister's statement - 16 November 2021 - gov.scot ([www.gov.scot](http://www.gov.scot))

- *Thank you to the people of Glasgow, Police Scotland, organisers etc*
- *100 engagements, businesses and potential investors, youth*
- *Loss and Damage*

*But ultimately Scotland can only lead and speak with credibility, if we deliver our own net zero targets.*

*As I reflect on the past two weeks, I feel pride in the leadership that Scotland has shown and been recognised for.*

*However, I also feel a renewed sense of responsibility to go further and faster, to face up to tough challenges as well as the relatively easy options, and to help raise the bar of world leadership more generally.*

*And so our focus in the months and years ahead will be firmly on delivery.*

***This decade will be the most important in human history.***

***The actions we take between now and 2030 will determine whether or not we bequeath a sustainable and habitable planet to those who come after us.***



## Scotland's Commitments: 1

**Net Zero by 2045**  
**Just transition**  
**Green recovery**  
**Climate resilient**



## Scotland's Commitments: 2

# Route maps

Net zero heat by 2038

20 minute neighbourhoods

Electric vehicles

Circular economy

# Scotland's Commitments: 3

Local businesses

Councils

Community groups

Health Boards

Families

Me

You

# Scotland – Our Climate Future

## Scotland's climate journey

- Can't wait for big business and government – its down to us
- We can't continue burning the stuff – no more gas
- They do – climate justice
- Hold the future of the planet in our hands – the human race

### Royal Scottish Geographical Society

- Climate solutions
- Climate emergency summits



# Climate energy summits





# 10 Big

## Climate solutions

SPEAKING TRUTH  
TO POWER



Adopt an alternative to GDP  
as a measure of success

KNOWLEDGE  
IS POWER



Public policy and procurement  
to have rigorous climate test

BUILDING  
FUTURES



Reform the tax system to  
incentivise good behaviours

GREEN AND  
PLEASANT LAND



Create a transport system that is  
clean, fair, active and public

FOOD FOR  
THOUGHT



Launch immediate 'just  
transition' away from fossil fuels

Establish a Future Generations  
Commissioner for Scotland



RETHINKING  
ECONOMICS

Guarantee universal access to  
climate literacy and training



THE EXAM  
QUESTION

Repurpose and refit buildings  
to reduce carbon impacts



FAIR  
FINANCE

Invest in land and sea to  
sequester carbon at scale



TRANSPORT  
REVOLUTIONS

Ensure access to local, organic,  
plant-based diets for all



WINDS OF  
CHANGE

# Targets timeline

- **2021 – 9 years left for deep decarbonisation**
- 2021 Net Zero Carbon Public Sector Buildings Standard introduced
- LHEES strategies and delivery plans in place for all local authority areas by end 2023
- 2024 New build zero emissions from heat standard requiring new buildings to have zero emissions heating systems.
- Plant 18,000 hectares of new woodland each year by 2024
- 2025 waste targets: end landfill of biodegradable municipal waste, reduce the percentage of all waste sent to landfill by 5%, recycle 70% of all waste, reduce food waste by 33% from the 2013 baseline.
- SAC policy to transition the small vehicle fleet to ultra-low emissions by 2025
- **2025 – mid way point**
- **75% reduction in emissions by 2030 (Scottish target relative to 1990 baseline for CO2 and 1995 baseline for other gases, SAC target relative to 2014/15 baseline for within boundary organisational emissions)**
- Restore at least 250,000 hectares of peatland by 2030
- **50% of homes in Scotland, over one million households, converted to low carbon heating systems**
- Target to reduce the number of km travelled by car by 20% by 2030
- SAC policy to transition the heavy vehicle fleet to ultra-low emissions by 2030
- Phase out the need for new petrol and diesel cars and vans by 2030 (Scotland wide)
- 12 CEOs from Environment and Economy Leaders Group committed to a ‘decade of deep decarbonisation’ and to be predominantly net zero by 2030
- **2030 – end of ‘decade of deep decarbonisation’**
- **2038 backstop for all publicly-owned buildings to meet zero emissions heating requirements.**
- Net zero by 2040 or earlier – Colleges and Scottish Water
- **2040 – most of the work must be done**
- Net zero by 2045 – Scottish government, NHS and SAC target

# COP26 – COSLA – Just Transition to Net Zero

- Cllr Alison Evison , COSLA President
  - Edinburgh Declaration on Biodiversity
  - Glasgow Food and Climate Declaration
  - 1 million homes transitioned to net zero heating by 2030 (from gas)
  - New Local Authority Guidance
- Cllr Greg Hepburn, Glasgow – this “requires us to innovate and quite frankly brace for impact like never before” as we need to implement a “new economic and social model” and we “can’t wait for the big boys and big girls to do it for us”. “If we don’t lead others to act, from our communities to our governments, then who will?”
- Craig Hatton, CEO NAC and SOLACE – don’t repeat the mistakes of the 80s and 90s, we need a just transition
- Orkney – quadruple helix of academics, council, businesses and community
- Dundee – can see the bumpy ride, but needs done so doing it, with urgent priority to decarbonise buildings and transport, so small vehicle fleet will be transitioned by 2023



# What does it mean for Ayrshire?

- Ayrshire, like every region, is a key part of this journey.
- Our challenge is not only to respond to this route map, but to excel at it in order to deliver the best outcomes for our region.
- SA CPP first explored it's role in 2012/13
- Further exploration of this from 2019



# CPP exploration of climate change role

- Work came from a conversation at South Ayrshire Community Planning Board
- Overlapping partner boundaries and projects like Ayrshire Growth Deal meant Ayrshire was the logical scale to work at
- Growing realisation that getting our own houses in order wasn't enough – collaborate or fail to tackle the big issues
- **This work takes us into new but necessary areas**



# Ayrshire Officers Network

## **Vision**

A prosperous and sustainable Ayrshire, where everyone can live well within environmental limits and be resilient to the impacts of change.

## **Mission**

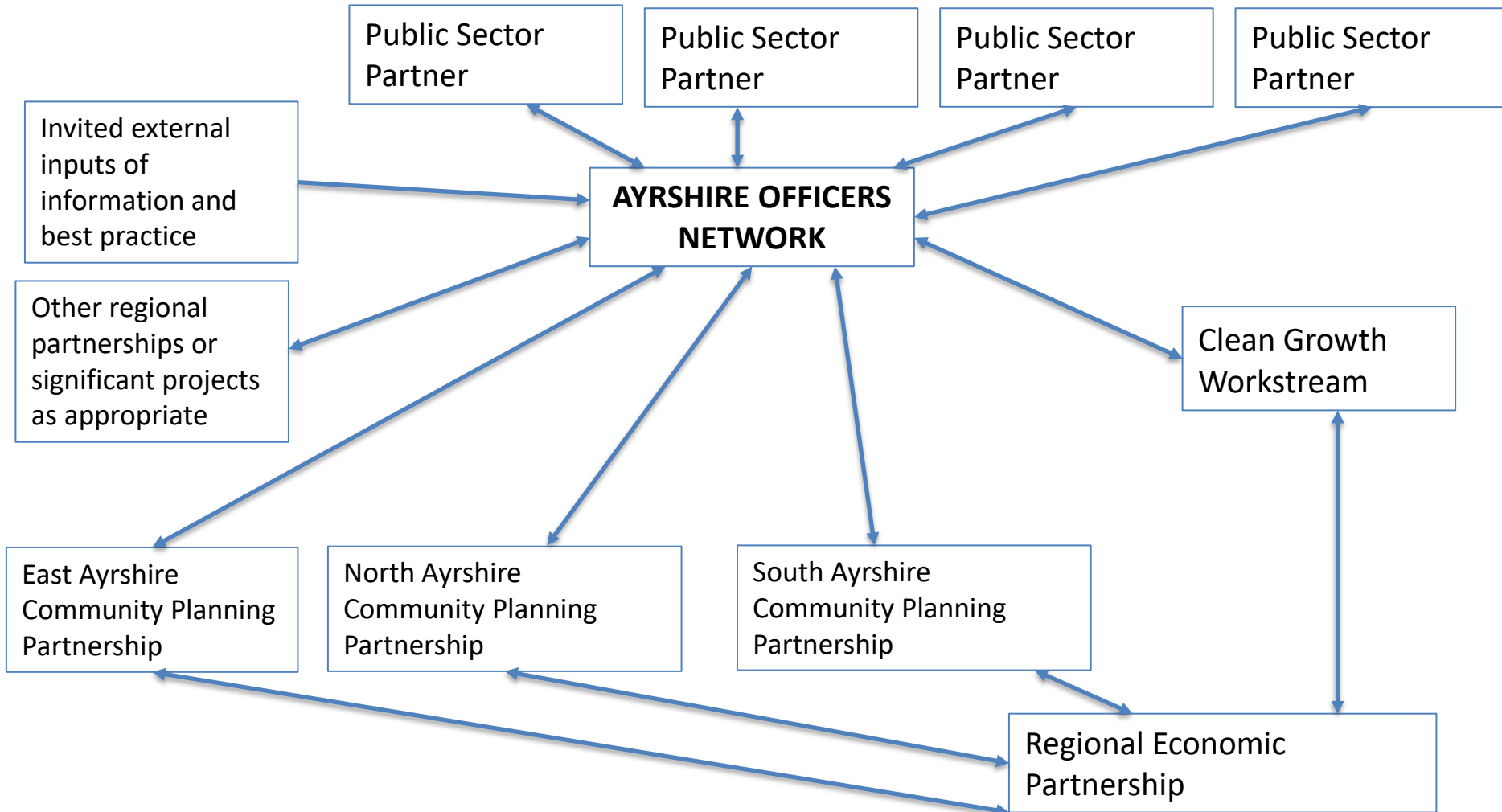
Aligning and increasing regional collaboration to accelerate a green recovery that places Ayrshire on a clear path to net zero emissions by 2045 at the latest while supporting a resilient and just transition that tackles inequality and creates opportunities to improve well-being.



# Participating Partners

Approximately 20 partners are currently participating

The Officers Network shares information about projects and can provide support and advice to projects, partners and partnerships in the region order to positively influence decision making.



# Terms of reference

The Officers Network will meet at least 3 times a year, bringing together public sector partners and other key organisations in the Ayrshire Region.

The purpose of the network is to work to deliver the agreed vision and mission set out above.

The network will:

1. Connect the network through regular meetings and communications
2. Learn and share – from best practice and inspirational external inputs
3. Reflect on / monitor / measure regional progress (emissions, different tools etc)
4. Link beyond the network across our organisations and wider regional partnerships (our structure behind this work)
5. Be a source of support and seek to influence decisions which will impact on Ayrshire's ability to deliver net zero and be climate resilient.
6. Develop a project register to monitor key actions/interventions/projects and their impacts
7. report to the Ayrshire CPPs and Regional Economic Partnership

In do so the Officer Network will also assist the public sector bodies in the fulfilment of their own climate change duties.





# Next steps

- Support partners to collaborate to deliver the quick wins
  - LENS
  - Clean Growth Workstream – Climate Pact and Energy Masterplan
  - Resourcing the network
  - Communicating, celebrating and learning
- Follow through on connections made – new areas of focus
- Track progress
- Influence decision making
- Evolve thinking together – collective journey



# Ayrshire – Regenerative agriculture

## Regenerative farming principles



Livestock integration



Minimise soil disturbance



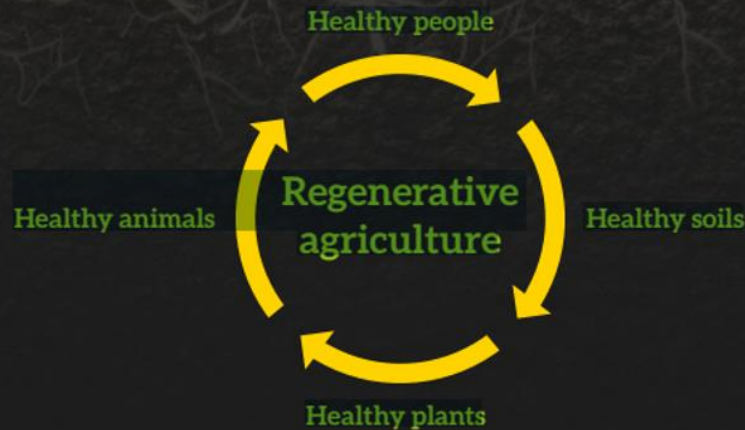
Protect soil surface



Encourage plant diversity



Maintain living roots





# Farming for a better climate

## Farming for a Better Climate



### Working towards net zero carbon at High Garphar Farm

Scott Shearlaw farms at High Garphar near Maybole, South Ayrshire, Scotland, in partnership with his parents. The farm extends to 560 acres, milking 380 mainly crossbred cows producing 3 million litres of milk per year. The farm has four employees.

The milk produced at the farm is sold through First Milk, a British farmer-owned dairy co-operative. The milk from Scott's farm goes to Nestle to make chocolate crumb, which is manufactured in the nearby town of Girvan, to make the well-loved Kit-Kat biscuits. Kit-Kat aims to be carbon neutral by 2025. Like all dairy farmers in Scotland, Scott adheres to the standards set out in the Red Tractor Food Assurance Scheme.

A number of measures have been introduced at High Garphar to help reduce emissions and increase carbon sequestration, supporting the journey towards net zero carbon.



#### Dairy sector in Scotland and Ayrshire

Scotland is rightly proud of its dairy sector, with the mild, and damp climate of Ayrshire being ideal for growing high-nutrient grass

#### Case Study

Find out how other farmers are improving profitability and adapting to a changing climate in our series of case studies, or take a look at our practical guides covering:

- Energy and fuel use
- Renewable energy
- Lock carbon into soils and vegetation
- Optimise the application of fertilisers and manures
- Optimise livestock management and the storage of manure and slurry

For more information, visit our webpages at [Farmingforabetterclimate.org](http://Farmingforabetterclimate.org) or find us on Facebook and follow us on Twitter @SACFarm4Climate

# Ayrshire – Nethermills Hydro

- The Energy Agency working in partnership to provide directly supplied renewable energy



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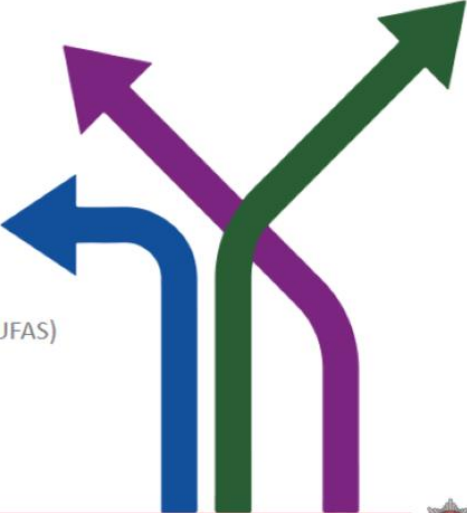
# Ayrshire – reducing transport emissions

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## TIME FOR CHANGE


Reducing Unwanted Fire Alarm Signals (UFAS)

Consultation on Options for Responding to Automatic Fire Alarms (AFAs)



Safety. Teamwork. Respect. Innovation.

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SCOTTISH FIRE AND RESCUE SERVICE  
Working together for a safer Scotland

- Time
- Money
- Fuel
- Carbon emissions
- Air pollution
- Surface run off pollution
- Tyres
- Wear and tear on vehicles and equipment
- Full supply chain knock on impacts



# Ayrshire – Provost’s School Footprint Challenge

- Real reductions – 10% on baselines
- Unique approaches developed and shared
- Inspiring each other
- Taking the message home
- Reaching out and linking with the wider community and partners



# What can you do? – honest conversations

- Talk about it
- Be honest
- It's OK to be daunted but it's not OK to give up or do nothing
- Ask for help – “collaborate or prepare to fail”





# What can you do? - home

## What do you do at home?

- heat your home
- Use energy for appliances, devices, lighting etc
- Buy things – food, clothes, treats
- Go places – cars, planes
- Stay healthy?





# What can you do – work

## What do you do at work?

- Do you take decisions?
- Do you influence people?
- Do you show leadership?
- Do you buy things?
- Do you have team meetings?



# Call to action - our honest conversation

- **What has made you think?**
- **What do you want to see happen next?**
- **Who do you think has responsibility to act?**
- **What chimes with you?**
- **What would motivate you to up your game?**



# Conclusions

- **If you want a happy ending, make it happen**
- **Only you can stop it being blah blah blah**
- **We all have a part to play in delivery**
- **Change is coming – we can seize the opportunity or get left behind as the waves creep closer to our doors**

