



***Kirriemuir's  
Climate Action Plan  
(2021)***





# FORWARD

*“the future is about collaboration”, Kate Munro*

The COVID pandemic stole lives and headlines in 2020, yet, climate change was right there in the background, breaking records. 2020 is the joint hottest year on record, hottest in our oceans, hottest in the Arctic, and the year of greatest Atlantic tropical storms ever recorded. The fallout of our changing climate is recorded in the struggles of millions around the globe. Closer to home, erratic weather made this Scotland's worst harvest in over 40 years.

COVID has forced us to learn new skills in record time. It is a lesson of radical collaboration to achieve a shared objective, bringing us vaccines in record time. Yet in some ways Climate Change is simpler. We know the solutions, so why isn't everyone making change happen?

## WHAT CAN KIRRIE DO?

It's easy to feel powerless in the face of such huge and rapid changes to our planet. Yet, like it or not, every day, the choices we make with our time, energy and money are building our future. We are lucky enough to get to choose. Each of us alive today has a window of opportunity, a chance to change the lives of those who come after us. Our success or failure to step up, and meet the climate and ecological emergency we face is an opportunity that will not be afforded to those who come after us. So here are a few ways in which Kirrie, might meet that challenge.

Like so many people surrounded by the science of climate change for decades, I assumed that change was in hand, that those in office would take the right course of action and secure a future for all of us.

Then I saw this photograph.



It was taken, by Steffen Olsen of the Danish Meteorological institute travelling across melted sea-ice in north-west Greenland in June 2019. According to a calculation by Danish climate scientist Martin Stendel, the 2019 losses would be enough to cover the entire UK with around 2.5 metres of melt water.

This picture told me what I instinctively knew, that climate action had to get local and fast. People right here in Kirrie had to step up and make the change happen. This stuff is too important to leave to others.

## **THE PEOPLE**

Who are we? We are a bunch of people just like you, people with no particular expertise or experience, never enough time either. Just a group of people with a shared will to do something right, something positive for our community and our planet right now.

The good thing is, we have help from a great team at Keep Scotland Beautiful (KSB) who's time and support through their Climate Leadership programme was funded by the Scottish Government.

## **THE PLAN**

This document is the result of conversations that took place towards the end of 2020 and start of 2021. It focuses on Kirriemuir but is equally as relevant to neighbouring villages of Glamis, Westmuir, Padanaram, etc.

It records the journey taken together during and preparation for a number of evening meetings and illustrates the sorts of actions that are practical and beneficial for Kirriemuir to take. It is not a fixed or detailed plan as many of the options will be influenced by Covid recovery, access to finance or other reasons.

The key messages here are:

- That Kirriemuir is not immune from dealing with the impacts of climate change and the people and organisations are capable and willing to share in national and global efforts to limit carbon emissions which are driving the increases in global temperature.
- That places like Kirrie are constantly changing and will continue to do so.
- That much progress has already been achieved, particularly through improvements to homes and appliances within, but also in tree planting, adapting soil management techniques, and so on.
- That much action is already taking place today, such as; the restoration of the community garden at St. Mary's Field, running food waste and packaging solutions like the Kirrie Food Hub and local Zero Waste Shop, the new energy efficient windows for Kirrie Connections new building, improvements to rented accommodation on local estates, organic farming techniques, establishment of the Kirrie Men's Shed, council funding for home energy improvements for the most vulnerable and event local consultations on Sustainable Travel options.
- That more can be done, as listed in this document and that those future actions are not only beneficial to the environment, but are good for the health and wellbeing of the people of Kirrie too.

# KIRRIEMUIR

*an amazing place to live. Gateway to the glens and a gateway to the future too.*

## IS IT JUST ME?

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Are the buds on the trees or the snowdrops appearing earlier? Are summers sunnier? and have clear cold frosty winters become endless dull dreich days?

It's easy to think change in Kirrie is slow! It took 70 years to get from Peter Pan to AC/DC, yet in less than one lifetime the air we all breathe has been changing too. Invisible gradual changes perhaps we didn't notice at first, but over this time the air that protects us from the cold vacuum of space has been changing too and this is starting to impact just about everything we love and care for.

Talk to local farmers and they will tell you the seasons are wilder, wetter and less predictable. That's a serious concern for the Angus seed potato industry and our food supply. The facts are clear. Our use of fossil fuels like coal, oil and gas and other human behaviours are driving changes that will have consequences for today and for decades to come.

If all this sounds a bit too much to deal with, you are not alone. We've many issues to deal with. Covid-19, inequality, poverty, fly-tipping, Brexit, and so on. Who needs or wants to add a Climate Emergency to this mix!

Perhaps you're right. We've only got so much time and capacity. Is there a way to see these challenges differently and to be more efficient at how we work together to solve them?

We can easily view climate change as a standalone niche topic. Something for eco-warriors, governments, mega corporations or other countries to solve first. The language is complex too. Words like 'sequestration' and 'anthropogenic' or codes like CO2, NDC's, BECCS or COP26 really don't help matters. Language aside, this doesn't mean we can ignore the serious or urgent case for action.

This document maps out conversations that have taken place recently with a group of wonderful people from Kirrie. With support from Keep Scotland Beautiful, Angus Council, local community groups, elected councillors and others we have spent time imagining a positive future of Kirriemuir. We've looked at the environmental and local challenges and the opportunities too and by working together we have formed a draft plan to see how working together on these matters may achieve more than working alone.

This is a draft and we expect it to be imperfect and to need changing.

We are listening and value your comments.

# IMAGINING KIRRIE IN 2030

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## Where to start?

Everyone involved in the sessions took time out to imagine a journey through Kirrie in the future. What were people talking about, what was different about the High Street, what was the town planning to develop next, what did the countryside look like or the open spaces, what were young people talking about, etc.

Below is a record of those 'Wee Wanders' through the Kirrie of tomorrow. Some may happen, some may not, but we hope you'll agree it's still a wonderful place to live, and perhaps even better?

### *What positive changes were the elderly folks in the square talking about?*

- They were enjoying the live music and even joined in!
- The square is a lot busier and nicer without the traffic. It's easier to cross the roads.
- People seem to have more time to speak now that they are not racing so far to work.
- There were no empty units on the high street, lots of traditional shops back open e.g., grocers, shoe/clothing repair shop, fishmongers, etc.
- They were talking about the town being a thriving, busy place.
- The Community Hub had been at the centre of everything, more people getting together to bring about positive change.
- They were talking about how busy and active they are, with lots to do and how safe they feel in our pretty wee town.

### *What was different about the High Street in 2030?*

- There was no litter, which is fab. There is more of a bustling vibe, people staying in the centre for longer, to socialise.
- Regular slots for music, street theatre, a vibrant night-time economy.
- There are a few local makers working in town.
- There's a lot more e-bike traffic now. Folks don't need the car much now they even visitors can borrow an e-bike for an hour or two.
- The library is a real community hub now, with more community learning. The collaboration with the food hub to do breakfast and homework clubs has really improved learning.
- There are more people walking and milling about, more bikes and prams and wheelchairs as it's so much more accessible and the town supports a thriving, diverse population.
- There's so much less waste in town. All our food is composted and that goes to grow the next crop.
- There have been a load of remaking initiatives and there's a nappy library - who ever thought that would happen here?
- It was pedestrianised. It felt safe, cleaner and healthier.
- There were more people cycling and walking about between places. It made me think it was a safer place for older people or little people to walk about in. The sit-in cafe's were busy.
- big pots with trees- hanging with fruit- apples, plums, pears, medlars etc.
- No traffic, and no pollution
- New business, food hub with electric vans to take produce up the glens like in former times. Glenslink network.
- A rickshaw company to take people to the various energy exciting and cultural events happening all over town.

- Music in square
- green growing roofs on all the buildings

*What new shops and businesses did you see in the town? Was there anything particularly surprising?*

- Our rock and roll memorabilia museum celebrates its 10th birthday!
- People valuing local shops, community-led social enterprises – e.g., artisan bakery or other outlets, tackling social issues such as poverty, exclusion and unemployment.
- All kinds of local food and craft businesses.
- The co-op is filled with local produce.
- Even the flowers are locally grown
- More social enterprises that support zero waste and a circular economy, are inclusive – for example, an artisan bakery that supports the most vulnerable in our society; a cycle hub that upcycles bikes and helps people learn to ride; a community hub for voluntary sector orgs working in partnership with public services.
- I would like to see that we no longer have any use for food banks and food hubs (whilst honouring the work they did whilst needed).
- The NeighbourFood service is great - you can order all your local produce online and get it delivered by e-bike.
- Folk don't seem bothered about buying new anymore - it's more sensible to rework what you have. There's such a good connection between the council and up-cyclers that nothing is wasted.
- I was surprised to see a travel agent, privately run.
- Artists, weaving community and clothes making and mending, recycling hub.
- A young enterprise café run by high school pupils as work experience.

*What new exciting community initiative were they planning at the community meeting?*

- A community new-build housing development that teaches people new skills as they build their own affordable, ultra-energy-efficient, shared equity homes, the fourth one for the town.
- The Kirrie community farm has just acquired another field to expand local food production.
- Building a new social housing development on Passivhaus principles – our 4th. Everyone has a warm, affordable home with efficient energy systems
- There is a lot of food ready to be harvested - they are arguing about just what it should be served up as at the next community feast.
- A town mini power station powered by wind and solar on the roofs of every building.
- The community group who had so successfully brought the velo-solutions pump track to the Den were planning a Gravity Park!

*What was different in your favourite area of greenspace in 2030?*

- It's a wildflower meadow and woodland, rare species thrive there, alongside spaces for people to play and walk, with no dog poo.
- Since the council stopped mowing and spraying there's been a resurgence of wildflowers.
- The kids are loving the meadow maze at the top of the hill.
- There are a lot more insects. The local honey is amazing.
- It has been rewilded and is a haven for pollinators and rare species
- The Den was thriving again, since the Regeneration Group and the Kirrie Youth Project had developed the old 'Dennies house'. It ran a busy cafe on weekends.
- The steps down to the den from Kinnordy Road had been redesigned into a purpose-built ramp to allow for pram and wheelchair access.

### *What recent changes were the teenagers talking about so positively?*

- Their volunteering opportunities.
- They never imagined they could find interesting work and training opportunities locally before now. They don't have to leave and there are reasons to come back.
- They are loving working on the re-cut fashion - learning practical skills in re making clothes.
- It's been amazing having an apprenticeship with JD Wilkie.
- They feel welcome and appreciated in the town.
- They've been loving learning to cook for their friends, families and neighbours. They didn't think food could taste this good.
- They feel connected to people across the generations and are involved in community decisions.
- They were talking about the U18 disco they went to at the weekend.
- The further education choices and extra-curricular activities available to them without having to travel out with the local area.
- Young people involved in growing veg etc. Inter-generational handing down and up of skills in growing.

### *What dreams did they have for the future?*

- They imagine how they will shape things here. Making it a more connected, diverse, vibrant, imaginative, joyful and caring place to be for all of us.
- They imagine a place fit for people and nature.
- They dreamed of life opportunity and world travel. And the weekend to come.
- To be able to live an affordable net zero lifestyle.

### *What new buildings and features did you pick out as you surveyed Kirrie from the hill?*

- More green and blue visible - wildlife ponds in gardens and municipal areas.
- The Woodville had turned into a mini community hub. The hills had more wood cover than the bare moors they had been. There were new wind turbines up one of the Glens. The Kirrie to Forfar cycle and walking path takes the old route of the railway.
- More native tree plantations up the glens, more rewilding visible all around.
- Some of the empty factory buildings have become studios, workshops and homes.
- Being able to contribute to their community – if they go away to study and develop a career, they regard Kirrie as home
- Eco-friendly, energy efficient homes
- The sounds have changed - there are more birds and insects and people outside.
- Electric car charging in every car park, a community hub (e.g., Friockheim hub) within walking distance of the town centre.

### *What did the fields and woods around the town look like in 2030?*

- More rewilding than ever.
- People are learning to live with their beaver population. It's had a great impact on mitigating flooding during extreme weather.
- Apart from some crop changes, much looked the same.
- The new woodland areas are really growing well. They are helping our nature thrive.
- With more folk involved in growing food and implementing regenerative agriculture all of us are eating better. Even up the glen there are fields of local food in production. This has brought in local families and added to the school.
- Our changes now bring others to see how they can make communities work better for people and nature.



- They are bigger and wilder, full of native trees. The hills are lush with trees, not barren wastelands for an elitist monoculture, and there are no white scars of hill tracks. People use the outdoors, respect it and feel connected to it, not unwelcome. Community growing plots are dotted about and accessible and there is no such thing as poverty, hunger or food insecurity.
- The wildflower meadows replacing mown grass around the town are amazing.
- Well-kept with clear spaces for public use and clear spaces for wildlife to roam freely.

*Was there anything else that you 'saw' or 'noticed' that you want to jot down?*

- How happy and healthy people look in their home environments.
- People are kinder and happier.
- The health centre has pioneered social prescribing - and rates of depression and ill health are really going down. It's been an amazing transition.
- Teachers say kids are concentrating better and work has improved now they eat better and connect with nature and the outdoors more.
- Bonfest was bigger than ever. Kirrie had done well with tourism again.
- People were healthier, more active, no litter or dog poo on the streets.
- Hanging baskets in more places (tomatoes and other crops) - small verges with oxygen high plants have been re-seeded and look bonnie too- some are food sources too- veg trugs above the verges too, with simple cut and come again produce managed by local people.
- The town centre is about experiences, wellbeing and value rather than profit for its own sake. Local business, not chains, where people feel connected and using those outlets is part of what we can all do to maintain a successful community. There's a community-owned outdoor education and eco-activity centre that provides low-cost equipment, training, accommodation and guides for all sorts of activities outdoors.
- Huge numbers of trees are also continually being planted.
- A huge sculpture was commissioned for Kirrie- the armature and concept put together by artist and technology team to make a massive solar power panelled figure of? The project spawned a number of other smaller yet really productive community owned windmills/solar panel sculptures and other new technologies including micro technologies that derived energy from the road and pavement areas. the roads use less space and some of that tarmac has been covered or lifted.
- The sculptures for Kirrie are relevant- peter pan, J M Barrie and a huge commemorative wind mill for Hugh Munro, Bon Scott , Violet Jacob - huge wild geese formation sculptures on Kirrie Hill and other places. Other figure emerged in the last few years too, and they have been honoured in the same way.
- Attention is also paid to the Kindness Award which, spawned in Kirrie, has taken off all over the country.
- young people- "ensuring our future- we are being listened to." our ideas were taken on board and we can see them happening.
- Smaller solar panel sculptures appear at the community and various other parks in Kirriemuir and the surrounding areas with cultural references
- The food production model is more like the old ways - more people involved in the community harvest and sharing tasks of growing, as well as farmers using clever technologies to utilise no-carbon methods.



# HOW DID WE GET TO THIS POINT?

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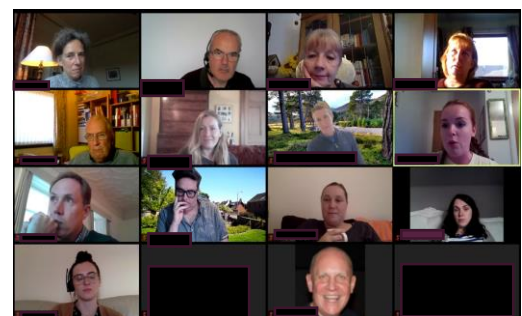
Kirrie is like many other communities across Scotland with a similar size and location. Great heritage, beautiful buildings, stunning local landscapes, civic pride, confident young people, strong community organisations, caring citizens, a shared sense of place and a good perception for what's right and wrong.

And if truth be told, we have to acknowledge that we have our challenges too. A need for more local jobs, folks with health issues, poverty, litter, air pollution, road safety, aging buildings that need refurbished, homes that could be cheaper to heat, gaps in public transport provision, local flooding and so on.

This document is the record of a series of conversations that took place in Tayvallich in late 2020/early 2021 to explore these challenges and opportunities and to map out some possible routes forward. The sessions were supported by Scottish charity Keep Scotland Beautiful who helped to facilitate the sessions, to take notes and to guide everyone through this journey. This work is part of a pilot programme funded by the Scottish Government to support communities looking to develop local plans for Climate Change.

## **Conversation 1. Time to imagine the future.**

A group of people (some in the picture to the right) met in late 2020 using Zoom to initiate conversations on developing a local 'Climate Action Plan' or 'Sustainability Plan' as it was then named.



First, everyone was asked to imagine Kirriemuir in 2030.

What would have changed? What were people talking about? Are there new sights to see or smells, or sounds? How do we feel about living and working in this future?

Many of these 'Wee Wanders' are shared further on in this document. It's important to say that these are personal imaginations, and you won't agree with all of them. But look beyond. See the kinds of hopes and dreams people have. This isn't the council, or any other external view. It's the view of the people who live in Kirriemuir and surrounding lands.

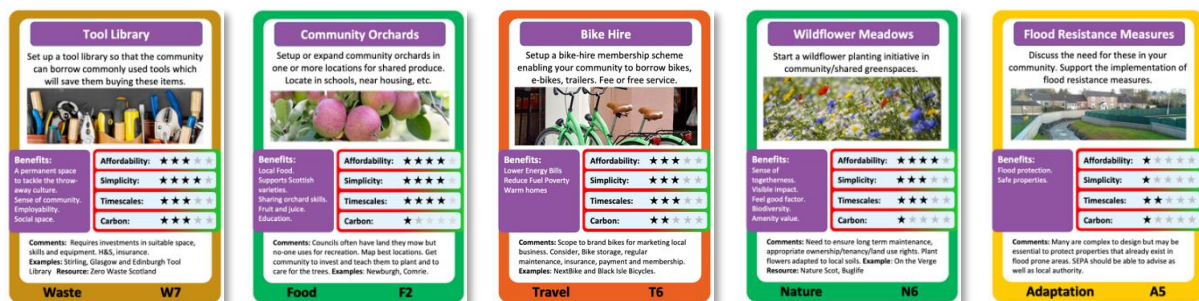
## **Conversation 2 - Challenges ahead**

The group then went on to learn about changes that are taking place from an environmental perspective, and about Scottish Government and Angus Council plans and policies. They looked at MET office weather projections, considered matters like local flooding, and much more besides. Some exemplar projects were also presented highlighting the successes of other community-led initiatives from community energy through to food growing projects, circular economy activities, active travel projects, etc.

A survey was also distributed on-line to invite the wider community to send in their visions and to comment on Kirriemuir as it stands today. This survey was partly based on the Place-Standard toolkit questions and included a few additional questions about local resilience. The summary results of this survey are at the end of this document.

### Conversation 3 - Action Cards

The next two sessions started to focus on a set of possible actions that could be taken forward. A toolkit provided by Keep Scotland Beautiful helped to seed conversations around 6 different topics: Food, Energy, Waste, Travel, Adaptation and Nature. (some samples of the toolkit are shown below)



These cards were discussed in sub-groups and categorised to try and find activities and local actions that were relevant to Kirrie region and which had not been done before. At this stage there were no constraints put on any of the ideas such as capacity, finance, skills, etc.

### Conversation 4 - The Draft Plan

Session 4 then took the cards of interest, along with some new unique ideas that had been added to the toolkit and explored and filtered them further into actions that could be led by Kirrie without additional support, those that needed extra help, and actions that would be welcomed but which were the responsibility of others outside of Kirrie.

The cards were also sorted by timescales. Actions that could be taken forward within a year or more.

From these discussions, this draft plan was produced along with data and research from other sources which have been added at the end.

### Conversation 5

At this point, it was decided to have an additional meeting without KSB staff present to discuss the progress of the sessions and of the plan and to consider how to move forward in the closing session.

### Conversation 6: - Taking Action

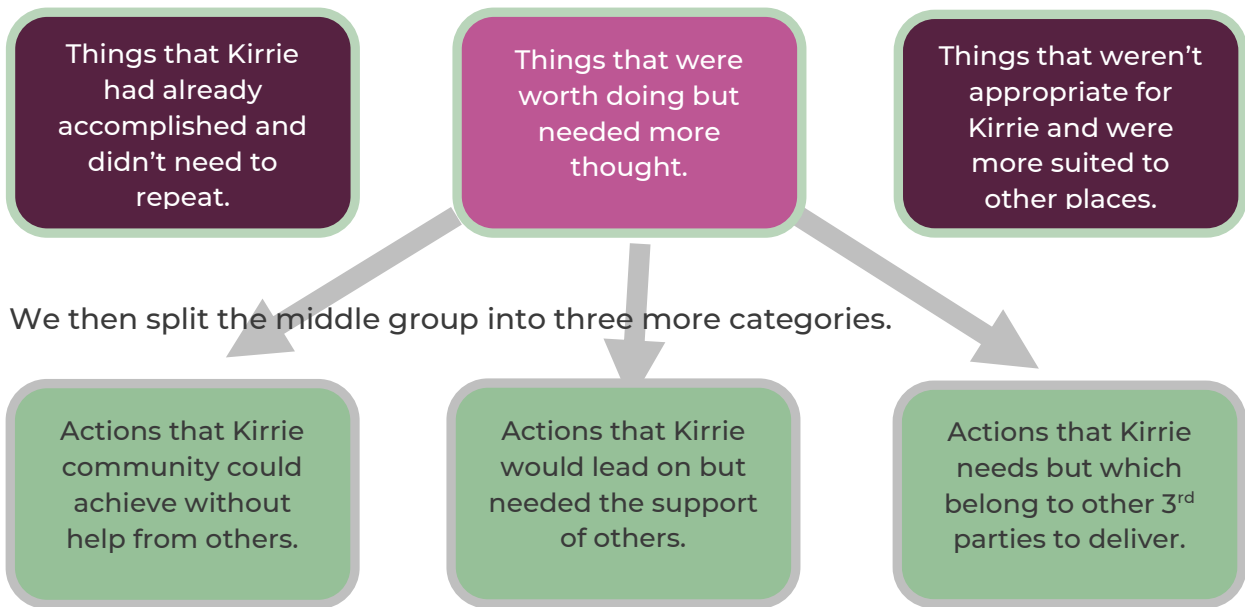
The next stage, is to work out the practicalities of who can take ownership, if any local organisations can support some of the actions, if new organisations or informal groups are needed, and how to fit that in with a Covid-19 pandemic lockdown recovery and other local events and demands on capacity. Stretching these ideas out over 1-3 years helped to further refine what might be most suitable for taking forward in the first year and what might be best for subsequent years.

The next chapters of this document help to give more detail on these sessions and some background information and references, survey results, etc. The majority of the materials shared during the sessions are not included in this document but will be made available for anyone interested. Sustainable Kirriemuir are planning to update their website and will likely include links within that update.

# WHAT'S TO BE DONE? BY WHO AND WHEN?

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Here's a rough map of how we sorted out the wide range of possible actions.



Actions were further sub-divided into timescales, between actions that could be taken in the next 12 months and others which might happen in the future or take longer to develop.

## Adding a layer of practicality

The process above produced an interesting array of ideas to take forward, but they needed refined further. There are other issues going on in Kirrie, other priorities, limited capacities within groups and individuals, etc. The group have factored in a Covid-19 recovery, the seasonal influences, community capacity, etc.

Conversation with the council and local councillors highlighted some opportunities too, such as help with home energy efficiency improvements, and regional and local consultations on local food, active travel and wider council energy and climate action plans.

We then discussed owners and wider communications. The conclusion was that the majority of short-term actions could be supported by existing organisations, and that more focus was required to keep the rest of the community informed and to ensure means to take and manage feedback and fresh ideas.



# CHALLENGES AND OPPORTUNITIES

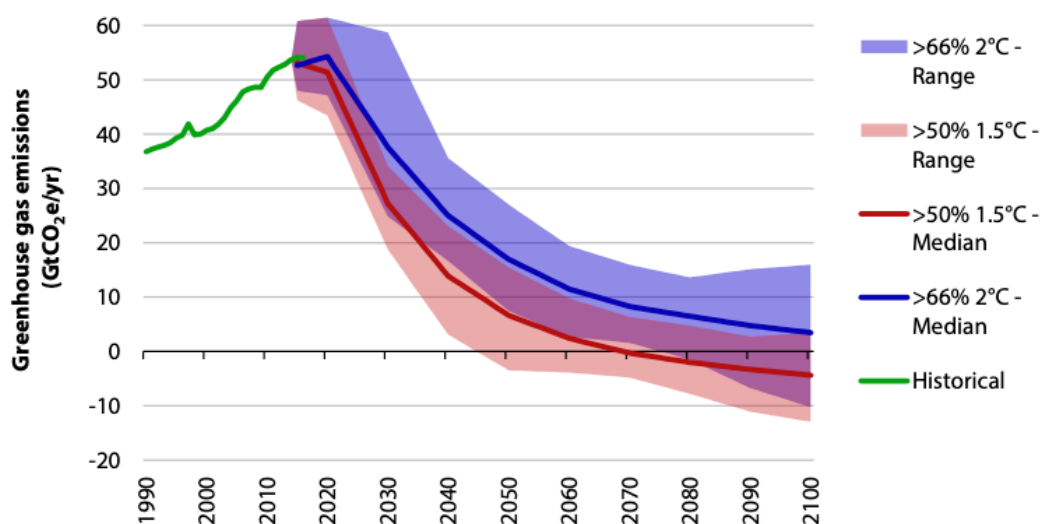
The future is challenging if we just look at the climate science facts. Do nothing, continue as we are now, and the global average temperatures of the earth will rise 2-4 Degrees above pre-industrial levels in the 1900's.

That might not sound like much, but that's an average. In reality some parts will be warmer and some might be colder than that. The poles for example could be 6-8 Degrees warmer and that would have a massive impact on the earth's weather, the jet stream, the reflective capacity of the earth to bounce radiation back into space.

At the same time, people in lands far away will have more floods, droughts, storms. Some islands will become uninhabitable as salt water rises and makes food impossible to grow. Glacier melt will accelerate and nations dependent on them for fresh water may relocate to stay alive.

Forest fires like those recently in California and Australia will increase in frequency and size, and the melting of land-based ice from Greenland will impact sea levels and could also alter deep ocean currents.

This is a dark story to tell. And we wish it was just another story that we could put the book down and forget, but it isn't it's a non-fictional knowledge which the global scientific community have been screaming about for decades and we've largely ignored up until now.



**Source:** Huppmann, D. et al. (2018) A new scenario resource for integrated 1.5°C research. *Nature Climate Change*, 8 (12), 1027.

**Notes:** Shading indicates maximum and minimum across the scenario grouping at any point in time. The solid coloured lines are the 'median' scenario (at each point in time) in each scenario group. GHG emissions in the bottom panel are aggregated across all GHGs using the GWP<sub>100</sub> values from the IPCC 4th Assessment Report.

The diagram above indicates the pace of change required from scientific advice. Put simply, we need to move from our present path on emissions to net-zero by 2045 in Scotland as recommended by the Scottish Government.

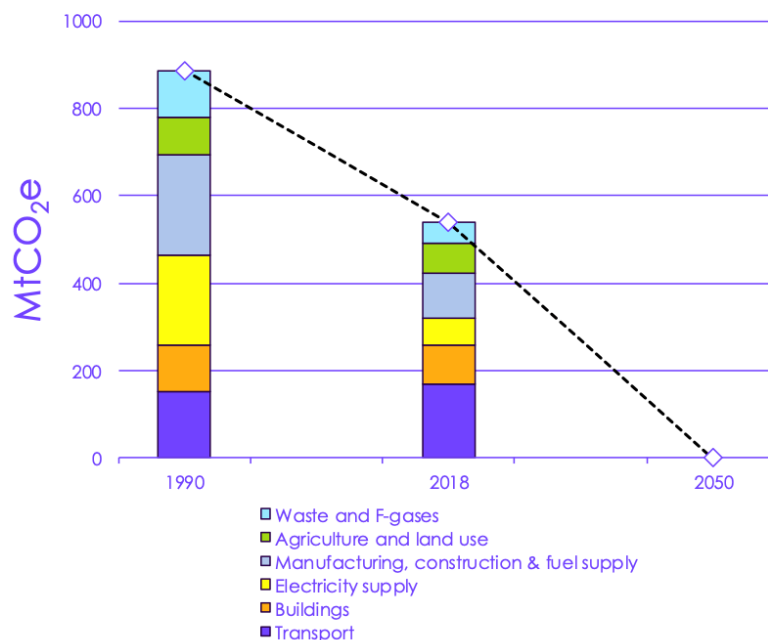
What's this got to do with Kirrie and our every-day lives and local issues?

This is where the story changes. The changes can be limited if we all take action. We might not stop a tornado or prevent a wildfire, but we can lower the risk of a

runaway greenhouse situation, were we go beyond human capacity to fix things. Go too far with our lives based on oil, gas, coal and other fossil fuels, and mother nature starts to take over. Permafrost will melt and release methane gases 20-30 times more potent than the gases coming out of our car exhausts or gas boilers.

The chart below shows the split by sector for the UK and the direction to get to zero.

**Figure 2.2** To meet Net Zero, emissions must fall in all sectors and at a faster rate than the last thirty years



Source: BEIS (2020) Provisional UK greenhouse gas emissions national statistics 2019; CCC analysis.  
Notes: Net Zero emissions in 2050 will require any residual emissions to be offset by the UK land use sink and greenhouse gas removals.

## A new story. A net-zero lifestyle

Our challenge is to write a new story. One full of hope and positive outcomes. Of benefits far and wide, and of life yet to be created and its capacity to flourish on our beautiful blue planet.

Our story is of local heroes in each one of us, all taking little actions and collectively making a difference.

Our actions include

- Reducing emissions by insulating our homes, switching from petrol- and diesel-powered transport to battery/electric, choosing more energy efficient appliances and fitting LED lighting, changing our diets to eat a little less meat, wasting less of what we consume, ending the culture of use-once, throw away and switching to a circular repair and re-use economy.
- Preparing and adapting our communities to cope with future weather events like flash floods or longer hot dry spells. Protecting the most vulnerable and ensuring no-one is left isolated or placed in hospital as a result.
- Learning more about nature, and helping it with wildlife habitats, wildflowers, less toxic chemicals, removal of litter, planting trees and hedges, etc.

Kirrie is not alone. Many other communities are taking action, writing their own plans, finding local solutions. Together a proud and ambitious Scotland can lead. We

can harness the offshore winds, capture the sunshine on solar panels, move to electric transport and better public transport, adapt our diets, waste less, shop smarter, and so on.

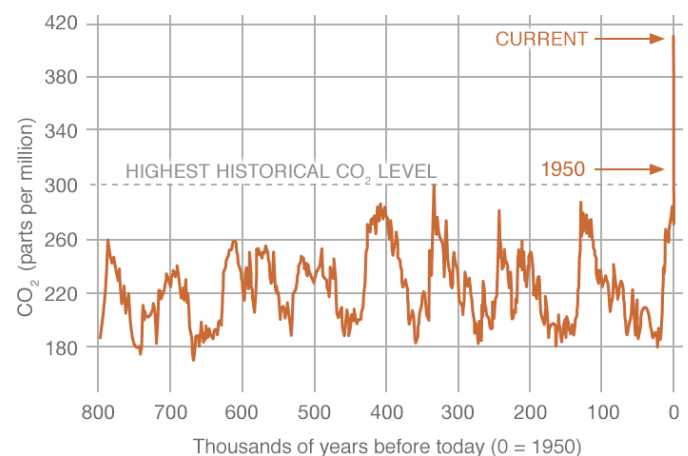
Kirriemuir in taking these steps is part of the transformation. One of the leading communities coming together to ask what it can do, how it can transition to a fossil-fuel free society.

The people involved in these early conversations can see the benefits to them, to the organisations they represent and to the wider community.

For to act on climate change is also to help with health, wellbeing, local careers, learning new skills, caring for those most in need and making Kirriemuir an even greater place to live and to bring the next generation up in.

Focus for humanity needs to be on the dominant greenhouse gas called Carbon Dioxide (CO<sub>2</sub>) as shown in the chart to the right plotting levels over the last 800 thousand years.

The changes in the last 100 years are unprecedented and show the impact of the industrial revolution to now and current emissions being at about 415ppm (parts per million).



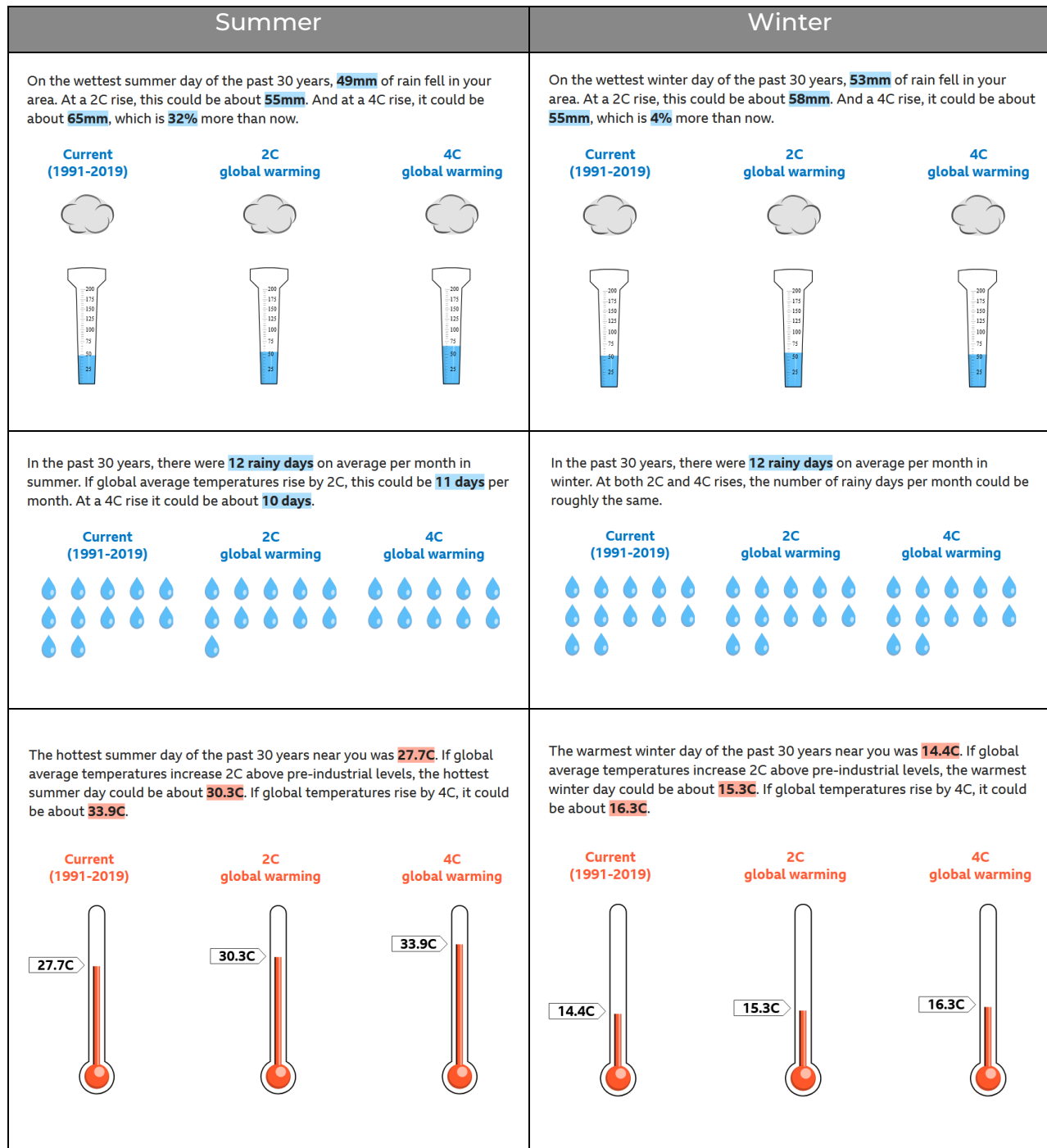
The image below, courtesy of NASA, should remind us all how thin our atmospheric blanket is. A whisp of gas that protects us from cold space and which we now know is highly sensitive to pollution from all activity on earth. A blanket thickening with every pre-historic carbon atom released in our hunger for cheap energy.





## So, what might it be like if we don't do anything or change very little?

Thanks to modern super-computers we can model all of the major elements of the earth's eco systems and make projections based on different scenarios. Everything from business-as-usual and not taking any action through to bold ambitious change to get to net-zero as quickly as practically possible. The UK MET Office provides projections based on different future scenarios. What if global average temperatures go up by 2 or 4 Deg C. Diagrams below project these changes for Kirriemuir.



Changes of a few millimetres of rain, or increased rainy days per month or even a couple of degrees warmer do not seem much, but this is a local variance. At the same time, locations in other parts of the earth will be seeing much bigger changes. Temps above 40Deg C, extreme drought, severe weather storms, melting of polar ice caps and glaciers, forest fires, etc.

# CURRENT ACTIVITIES

In session conversations there were many comments about all the great work that was going on right now but which not everyone knew about. To illustrate some of what's going on right now, the table below gives some examples. There's likely to be many more.

Current Activity	Led by	Status
Creation of a community garden at St. Mary's Field	Sustainable Kirriemuir and Friends of St. Mary's Field.	Ex-market garden on land owned by the church being brought back into productive use. CCAF funding awarded Dec 2020. Polytunnel being installed soon plus sheds for tool storage and composting toilets, etc.
Local Food / Waste / Pop-up Repair Café	Sustainable Kirriemuir	Growing food at schools, and various projects to help reduce food and non-food waste across the community and through schools. CCF funded 2020-2022.
Food Hub / Community Fridge	Kirriemuir Food Hub	A non-profit voluntary run organisation based in the centre of Kirriemuir with a mission to help combat food poverty and reduce food waste by repurposing and redistributing food.
Community Building improvements	Kirrie Connections	New energy saving windows for new K.C.'s centre. CCAF funded 2020/21.
Making and Repairing	Kirriemuir Men's Shed	New premises 2020 being fitted out now.
Food Growing / Cooking Skills Workshops and more...	Sustainable Kirriemuir	CCF funded projects.
Solar Power	Angus Council	Planning to install up to 193 kWp of Solar PV Panels on Webster's High School, Southmuir PS and Webster's Sports Centre, if roofs are suitable.
Farm Soil Improvements	Local Farmers	Here is one example of a local farmer taking action - <a href="https://vimeo.com/408352833">https://vimeo.com/408352833</a> Other local farmers are working to organic standards etc.
Property Refurbishments	Local Estates	Estate owned housing are being upgraded. Work is ongoing to ensure they are fit for the future.



Above, two photos showing examples of current and past success. Polytunnel at Northmuir and Solar PV and Solar Thermal panels on a roof of one house in the community.

# FUTURE SHORT-TERM ACTIONS

Below is a table of actions proposed for the next 12 months.

They are not listed in any particular order and some can be done in parallel with others. The approach for ownership should be either for individual organisations in town to take the lead in driving the action, or for small informal partnerships to develop where it's clear that several groups need to work together to get the best result.

Partners organisations should be involved as early as possible, and connections with Angus council should deepen both to gain increased support for local issues but also to highlight the benefits of community-led climate action plans and their ability to identify local priorities that may not be so obvious to council officers who may not live or work locally.

Any actions that involve people working in close proximity would need done after Covid-19 restrictions are ended. Many activities can be done remotely, such as responding to council consultations.

Below this table are a list of other actions that were also considered but not ranked quite as highly but are equally relevant and could be brought forward if time and capacity allowed.

These initial actions will not reduce a lot of carbon emissions, but they are the first steps in a community plan that should mature over time and grow in confidence to take on more ambitious actions which do.

Year 1 Actions	Led by (+Partners)	Summary / Timescale	Benefit / Support
Plan Governance	All orgs in Kirriemuir with Sustainable Kirrie acting as anchor for web based content and facilitating meetings going forward.	The plan needs adopted, communicated, tracked and updated on a regular basis taking feedback and fresh ideas and new opportunities into account.	Clarity on this being community-led and not plans from an external 3 <sup>rd</sup> party. Shared commitment to a multi-stranded plan. Clear communications and support from all key organisations in the community. Clear pathways to comment and participate in the plans development and delivery.
Repair Café (pop up)	Sustainable Kirriemuir (Kirrie Men's Shed)	Organise one or more events to help repair items. Electrical, Electronic, Mechanical, Woodwork, Garden Tools, Textiles, etc.	Develop skills and capacity to repair household goods locally. Partner with local shops and people with specialist skills. Support: Zero Waste Scotland
Recycling, Upcycling workshops	Sustainable Kirriemuir (Kirrie Men's Shed, local makers, crafts folk)	Various workshops to learn how to re-purpose goods and spare materials, timber, etc.	Developing capacity and expanding skills. Less landfill, less industrial recycling and related emissions. Support: Zero Waste Scotland



Research feasibility for Co-Working Hub	Kirrie Connections, KALBA	<p>Explore the potential for setting up a co-working space. Explore interest in such a service, potential locations, costs, grants, etc.</p> <p>Survey early 2021 while covid lockdowns are in place. Assess scale of interest and if employers are returning to office-working or adapting to home-working/flex-working models.</p>	<p>Working from home isn't always practical and home energy use rises as a result. Commuting is time and carbon wasting too. Hubs in communities could help to balance need for space, high speed broadband, centralised heating, and reduce dependence on commuting out of town.</p> <p>Support: The Melting Pot, Strathard CDT, Linlithgow CDT, <a href="https://www.scottishcoworking.org">https://www.scottishcoworking.org</a></p>
Kirriemuir Active & Sustainable Travel Action Plan	Angus Council & Community Council, ARUP. A Community Planning Project.	<p>Participate in a review of local active travel issues, cycle infrastructure, etc.</p> <p>Open now. 3 months to contribute. Jan-March 2021.</p> <p>Link: <a href="#">Shaping Angus</a></p>	<p>There were a number of travel actions that linked off of this initial work such as: Core Paths, Active Travel Maps, Bike maintenance Service, Encouraging Walking &amp; Cycling, ECO-Driving skills, Promoting E-bikes and Electric Vehicles, Cycling Infrastructure, Public Transport, Green Tourism.</p>
Signpost and advise households on how to save energy	??	<p>After loss of Care and Repair service, there's a need to help locals know their energy systems and tariffs and to ensure they are saving money and carbon too.</p> <p>Everyone should know who to ask and where to get help if they aim to save money and improve the energy efficiency of their homes.</p>	<p>More homes taking up insulation measures and saving money. Health related issues for people in cold homes. Fuel Poverty reduction.</p> <p>Support: Home Energy Scotland, SCARF.</p>
Help to Heat Scheme (Angus Council)	( Kirrie Connections, local churches ) ??	<p>Angus Council ECO funding is or will be available soon to a small number of local residents that meet certain criteria for support funding. DES and SCARF will promote and leaflet targeted households but there's a risk that it won't be taken up or trusted. If successful this might encourage the scheme to be repeated/expanded.</p> <p>Link for Details: ( <a href="#">link</a> )</p>	<p>Warmer more affordable homes for the most needy/vulnerable in Kirrie.</p> <p>They may need support to trust the letter-drops and to know it's genuine and not just a generic sales effort.</p> <p>Support: Angus Council, Diversity Energy Solutions, SCARF</p>
River Cleanup	??	<p>To organise regular/annual clean-ups of areas where litter is worst and to ensure the waters and streams that run through and beside Kirrie are the cleanest they can be.</p>	<p>Downstream litter, flooding prevention, attractive public realm, attractive town spaces, town awards for cleanliness, etc.</p> <p>Support: Keep Scotland Beautiful, Angus Council</p>

Form a Local Food Alliance	Sustainable Kirrie, Allotments, St. Mary's Field, Food Hub, Local Farmers, local shops, others.	To develop connections over time and increase the amount of locally grown/produced food being consumed within Kirrie by local residents, businesses and tourism sector – promote what's local, fresh and sustainable.  There's a lot of work going on at present on this, but perhaps a linked up focused discussion might be beneficial in long run.  Links with action below.	Increased support for local growers, producers. Taking Kirrie's fame for gingerbread and sweet shops to a new level. Local Food, will help with jobs, health, tourism, etc.  Arran is an example. They are very proud of their food provenance and keen to promote across the island and beyond. Breads, cheese, beer, etc. Kirrie could do the same.  Support: Nourish Scotland, Sustaining Dunbar
Angus Food Growing Strategy Consultation		Council organising a consultation which will be region-wide.	Encourage community participation in consultation and perhaps a focus group to do detailed research on local food situation.  Support: Angus Council
SECAP Consultation		Council drafting Sustainability and Energy Climate Action Plan and seeking input. Will be region-wide. Due soon.	Community participation in consultation.  Support: Angus Council
Increasing Biodiversity	Sustainable Kirriemuir	B-lines. Kirrie is on a B-line for angus. Explore potential for supporting biodiversity projects the community can get involved with. Local farms also supporting RSPB and red squirrel conservation and support.  Note: BugLife have put an expression of interest into the Biodiversity Challenge Fund round 3 for a Tayside wide pollinator project. There is potential for Kirriemuir to be involved if successful.	Opportunities for schools, nurseries, general community to participate in nature conservation, surveys, tree planting, etc.  Support: Buglife, NatureScot, RSPB, land-owners, Angus Council, Tayside Recorders Forum

This wasn't the full list of actions proposed for the first year. Others included:

Year 1 Actions (Continued)	Led by (+Partners)	Summary / Timescale	Benefit / Support
Tree and Hedge Planting	??	Local farmers, land owners and the council are interested in this topic. Council are mapping greenspace and identifying locations that might be	Carbon sequestration, biodiversity, volunteering opportunities,

		suitable to reduce grass cutting costs etc. Rotary were also involved in planting beside football pitch to deter car parking?	
Car Journey Sharing	??	Consider after Covid restrictions are removed. Other communities setup their own Facebook page or WhatsApp groups to share offers to car-share	Support: liftshare.com also exists but might cost. Discuss with council.
Food Growing Skills Workshops	Sustainable Kirriemuir	Ongoing work funded with CCF grant till March 2022.	
Food Buyers Club/Community Food Shop	??	Could be part of setting up a Food Alliance to bring together all interested parties in boosting local food production and consumption and having a plan to fill the gaps with buyers clubs or working with existing shops etc.	
Composting	??	Encouraging more local composting to take place in schools, at homes, etc.	
Energy Efficiency in Community Buildings	Kirrie Connections have started this with CCAF funding for new windows.	Audits of all local community buildings will help to identify measures to reduce running costs and carbon emissions. Zero Waste Scotland have a free advice service.	Support: Zero Waste Scotland
Supporting local building trades to work to high standards	KALBA??	Buildings will in future need to be EPC-C rated or above, or new PAS2-35 Standard or higher.	Maintaining high EPC ratings and not un-doing energy efficiency measures already installed. E.g. removing but not replacing loft insulation when fixing lights/plumbing/etc.
Reporting Blocked Drains to Council	All in partnership with council.	Ensuring community know how to and are highlighting these issues to minimise risk of flooding. Especially for drains that are frequently blocked and cause issues.	Flood prevention.
Reviewing Insurance Policies for Community Buildings	Building Owners	Checking that these are suitable and cover damage which might be caused by changing weather, storms, floods, etc.	



Volunteering at local NNR site.	??		Nature education, volunteering, biodiversity, etc.
Supporting the council if investing in flood prevention measures.	All	Encouraging and supporting any action recommended by the council to protect any buildings in flood risk areas. Some properties are identified on council's flood risk plans.	Protecting vulnerable citizens.

## Good Governance - Solid Foundations

This plan depends upon some key components which create a solid basis on top of which we construct the activities and actions.

- Continuing to meet as a cross-community forum
  - While key anchor organisations such as Kirrie Connections, Sustainable Kirriemuir, KALBA, Rotary, Eco-Congregations, and others can take on their own actions on climate change, the scale of the challenge, the need for wider engagement and the mutual support and strength that collective voices can give, will help councils, grant schemes and other support agencies to take more notice of your requests for funding or help.
  - KSB Recommends that you continue to meet regularly to report to the wider community on progress and plans.
  - Consider tracking themed projects or individual projects on a shared document, spreadsheet or in dedicated apps such as ASANA.com
- The Noticeboard
  - Kirrie is missing a single on-line place to go to find out what's going on and how to get involved or where to get help. Equally consider a physical notice-board too for those who don't communicate on-line, perhaps in library, etc.
  - Sustainable Kirriemuir are working to update their website and are open to including this sort of information.
- The Conversation Spaces
  - We are good at talking in our respective focus groups. The church congregation, the school newsletters, the sports clubs, etc. But it's harder to talk across groups on common ground or on topics where local groups don't exist. Explore setting up Facebook pages or using other apps such as Slack.Com or Hylo.com to thread conversations.
- Organisational support, remits and new orgs.
  - It is likely that existing organisations will take the lead in the initial year(s), and this is a wise approach, but some existing constitutions might limit some organisations from having the powers or remit to take on sustainability activities. Constitutions/Articles of Association should be checked and updated if required. Some future projects may need new organisations to attract certain types of funding.

# LONGER TERM ACTIONS

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A range of actions were identified as worthy for consideration in the second or subsequent years and some of these may require more research to determine if they are realistic or needed. Community engagement would need expanded for some of them to determine the level of interest and support for each.

Split by theme, they were:

## *Energy*

Draughtproofing service, switching remaining lights to be LED, learning about and sharing experiences on solar panels, heat pumps, with possible views to possibly have a town-wide bulk purchase scheme to achieve larger discounts and then wider research into bigger energy projects such as community solar, hydro and fitting solar on community buildings.

## *Food*

Planting more community orchards, working with organisations to refine procurement policies to support more local/seasonal food, considering a community bakery, talking to local farmers to see if Community Supported Agriculture (CSA) model might work with people investing in produce to be grown for them, and also exploring the potential for produce grown with aquaponics or hydroponics.

## *Waste*

Ideas included a more permanent Repair Café shop/workshop, setting up a tool library, a toy library.

## *Travel*

Having a bike-hire scheme, or a local car club.

Creation of new core-path from Kirrie to Forfar using old railway line.

## *Adaptation*

Creating green roofs, learning about the best soil conservation techniques for private gardens and local farmers/landowners, replacing impermeable surfaces to reduce flooding risk, greening walls of certain buildings to cool them down or protect from winds and rain.

## *Nature*

Organising more outdoor classes to learn about the local natural environment, creating wildflower meadows, perhaps another community woodland or extension to the existing one.

# PAST SUCCESSES

Looking way back in time, through old maps and records, we can see the Meikle Mills, sluice gates to control water powering the mills, long rigs behind many of the houses south of the town centre and local gas works generating town gas from heating coal. Other maps the railway track and station, slaughterhouse, timber yard and much more. Kirriemuir has changed over time and will continue to do so. That's the nature of places where people live.



Kirrie in the past was very dependent on coal as a fuel to power machines and trains and to make the gas for the street lights and so on. But Kirrie also knew how to harness the free energy of the rivers to power the mill machinery. We got some things right back then and some things wrong too, but at the time the focus and priorities were very different from today.

More recently, in the last decade or two, there have been many more changes. Homes with solar panels, LED lights, A++ rated boilers and other household appliances. Cars that do more than 25 miles to the gallon, electric bikes, allotments, woodlands and so much more. Below is a snapshot of some of the amazing achievements we've found but they are likely to be a tiny fraction of what's gone on that's not been measured or recorded.

Action	Led by	Status
Formation of Kirrie Community Allotments	Kirriemuir Community Allotment Association	Going Strong, demand for plots, but at capacity for existing site.
Ownership and care of local woodland.	Westmuir Community Development Trust	Well maintained site.
Fruit Trees planted behind Fairlie House	Council?	Thriving but possibly not harvested much?
Zero Waste Shop	A Longer Table	New shop focusing on unpacked food.
Home Energy Efficiency and Renewable Energy	Various householders and council	Loft & wall insulation (~2300), new boilers (~400), solar panels (unknown), new windows (~340), etc. See stats below.
Kirrie Talks – Charette	Council / Others	looked at open space, routes to school, sports, Fairlie House, Gairie Works, Transport, Housing, community gardens, etc
Street Lighting upgrades	Angus Council	Replacement of street lights with LED replacements.

Domestic Recycling and waste segregation	Angus Council	New domestic recycling measures, waste segregation into landfill, paper, plastics, tins, bottles, garden waste, food waste, etc.
Various improvements at local schools and leisure centre.	Angus Council	Websters Sports Centre – Pool cover. Internal and external LED lighting Websters High School – Boiler Controls. External LED lighting Airlie PS - LED lighting Southmuir PS - Boiler Controls LED lighting

We also know from conversations with the Home Energy Scotland that many things have happened with government funding in Kirriemuir. This isn't a complete picture as many home improvements might have been privately financed and the report doesn't include the home renewables such as solar panels and heat pumps which are recorded on a restricted database that we were unable to access in time for this report.

Measures for Kirriemuir, Angus	Qty	1st Installation Year	Last Installation Year
Loft Insulation	908	1994	2015
Cavity Wall Filled	264	2000	2017
Solid Wall - Built Insulated	11	2000	2000
Solid Wall - externally Insulated	99	2015	2016
Solid Wall - internally Insulated	2	2015	2017
Unknown insulation	1059	2000	2000
Condensing Regular Boiler	201	2003	2019
Non-Condensing Regular Boiler	84	2002	2008
Storage Heaters	57	1995	2017
Gas/LPG pre-1998	200	1995	2010
Oil Boiler	21	2002	2007
Electric dry core boiler in heated space	3	1995	2002
Gas fired warm air open flue: Ducted pre-1998	10	1995	2004
Solid Fuel:Auto feed boiler in unheated space	9	1995	2010
Solid Fuel:Open fire with back boiler to radiators	1	2005	2005
Biomass Boiler	1	2009	2009
Partial/Full Double Glazing	345	1995	2019



# REFERENCES

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## UK and Scottish Government

- UK Government - The Climate Change Act (2008) ( [link](#) ) has a target of getting to net-zero by 2050.
- Scottish Government - Climate Change (Scotland) Act 2019 ( [link](#) ) has a target of getting Scotland to net-zero by 2045.
- Scottish Government – Climate Change Plan (2018-2032) ( [link](#) ) & draft Public Engagement Strategy Consultation ( [link](#) )
- Commitments include
- From 2024 all new homes will have renewable or low carbon heat
- By 2030 50% all energy needs from renewables
- By 2032 35% of all domestic heating is low carbon
- By 2030 no new petrol or diesel cars/vans
- By 2032 forest cover increased to 21%
- By 2030 most farmers implement best practice
- Decarbonise flights by 2040
- Decarbonise passenger rail services by 2035
- Climate Change Committee ( [link](#) ) - is an independent, statutory body established under the Climate Change Act 2008. Their purpose is to advise the UK and devolved governments on emissions targets and to report to Parliament on progress made in reducing greenhouse gas emissions and preparing for and adapting to the impacts of climate change.

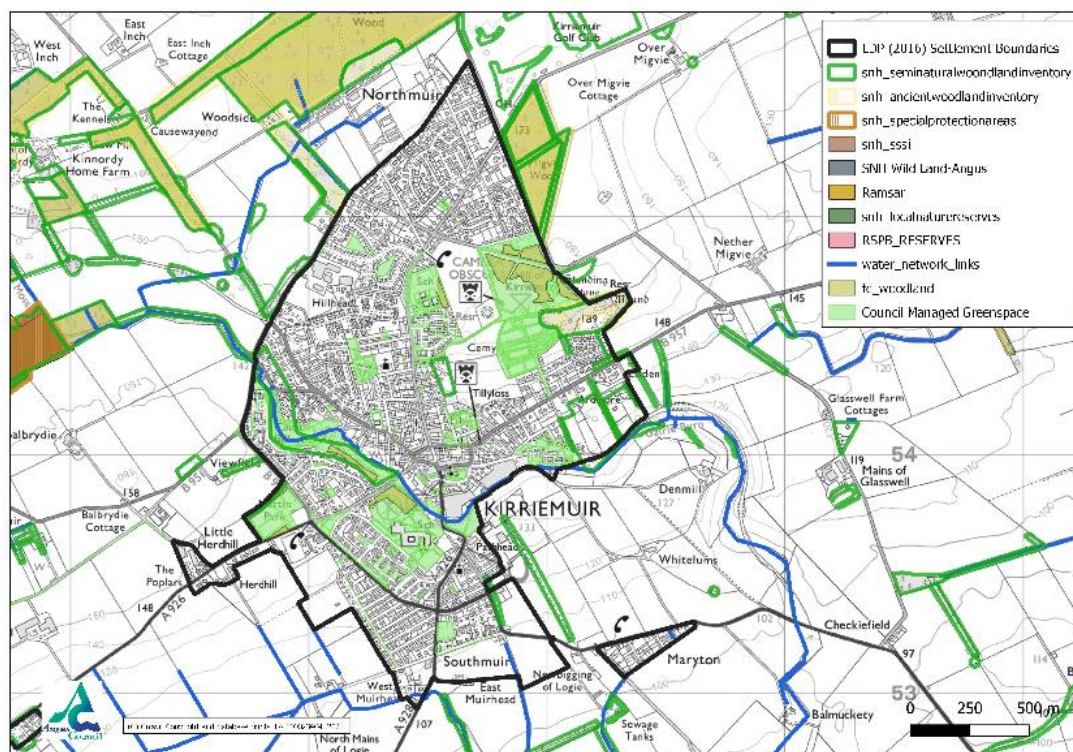
## Angus Council

Since the baseline year of 2010/11, *Angus Council's carbon emissions from electricity, gas, oil, LPG and biomass use in buildings has decreased by 44%*. Since the previous report on period 2018/19, there was a further 5% reduction in carbon emissions from buildings. Street lighting continues to make significant strides with carbon emissions now down by 78% since 2010/11.

- Climate Change Strategy & Action Plan 2012-2016 ( [link](#) ) which is being replaced by the Sustainable Energy and Climate Action Plan (SECAP)
- SECAP - The overall objective is to support Angus in its commitment to sustainable development, environmental management and the transition to a low-carbon economy. The SECAP will cover the entire county and provide a roadmap demonstrating how Angus can meet its climate commitments. It will concentrate on measures to reduce Green House Gas emissions, potential adaptation actions in response to the impacts of climate change and measures to provide sustainable, affordable and secure access to energy. It will be arranged according to four themes: Energy, Mobility, Waste and Resilience. A consultation process will be included. ( [no link yet - expected Jan/Feb 2021](#) )
- Public Bodies Climate Change Duties - SSN Annual Reports ( [link](#) ) mandatory since 2015, and voluntary before that.  
[https://www.angus.gov.uk/anguscouncil/angus\\_council\\_5\\_november\\_2020](https://www.angus.gov.uk/anguscouncil/angus_council_5_november_2020)
- Climate Emergency declared Sept 2019.
- Climate Action within council led by Member Officer Group (MOG) and 3 sub-groups who meet 4 times per year.
- Local Climate Impacts Profile (LCLIP) 1 & 2 ( [v1](#) 2009 and [v2](#) 2009-2012)
- Large scale nature-based solutions continue to be developed and delivered including woodland expansion and natural flood management. Delivered in partnership by

agencies and landowners including Forestry Scotland this work aims to reduce peak flows and increase upland water storage. *In Glens Clova and Doll, a 165 Ha (£3.2million) contour tree planting project is in progress.* In November 2019 additional funds for montane planning and river enhancement at five sites in Glens Clova and Doll was secured through the Biodiversity Challenge Fund.

- Brechin Flood Defence Scheme, Arbroath Flood Defence scheme and Montrose beach erosion.
- Map below of the land owned by the council in light green.



## Strategies and Plans

- Main Climate Page for Angus Council ( [link](#) )
- Tactran Regional Transport Strategy 2015-2036 ( [link](#) ) and the related Strategy documents ( [link](#) )
- Tay Estuary and Montrose Basin Local Flood Risk Management Plan ( [link](#) )
- Tayside Local Biodiversity Action Plan ( [link](#) )
- North of Scotland - Community Risk Register ( [link](#) )
- Emergency Plan ( [link](#) )
- Food Strategy – in production & public consultation

## Other

- Kirriemuir's 'Kirrie Talks/Kirrie 2026' Charette ( [link](#) )
- Kirrie's flood risk area: Marywell Gardens & Gairie burn.

For more statistical information ( [link](#) )

**Population size 6120 (2016)** ( [link](#) )

**Gender (2016)**

Female – **3,186**    Male – **2,934**

**Age (2016)**

0-4 – **289**, 5-15 – **723**, 16-29 – **906**, 30-44 – **997**, 45-59 – **1,342**, 60-74 – **1,162**, 75+ - **701**

**Houses (2013)**

Local authority total – **596**

Housing Association – **29**

Private Sector – **2744**

Permanent Stock – **3369**

Under reconstruction – **3**

**No. of households - 2783 (2011)**

**Accommodation Type**

Live in House or Bungalow - **2068**

Detached - **955**

Semi-detached- **668**

Terraced house - **445**

Flat, maisonette, apartment - **715**

Caravan, mobile, temporary structure - **0**

**Tenure**

Owned - **66.7%**

Rented from council - **18.8%**

Other social rented - **4.1%**

Private rented - **9.3%**

Living rent free - **1.2%**

**Household Size**

One-person household – **949**

Two-person household – **1010**

Three-person household - **404**

Four-person household – **303**

Five-person household – **95**

Six-person household – **22**

**Cars or Vans**

No Car or Van – **21.6%**

One Car or Van – **46%**

Two Cars or Vans – **26.3%**

Three Cars or Vans – **6%**

**Central Heating**

No central heating – **1.4%**

Gas Central heating – **77.3%**

Electric central heating – **15.6%**

Oil central heating – **2.8%**

Solid fuel central heating – **0.3%**

Other central heating – **0.4%**

Two or more types – **2.3%**

**Public EV Charge Points** (ChargePlace Scotland) – see <http://www.zap-map.com/live/>

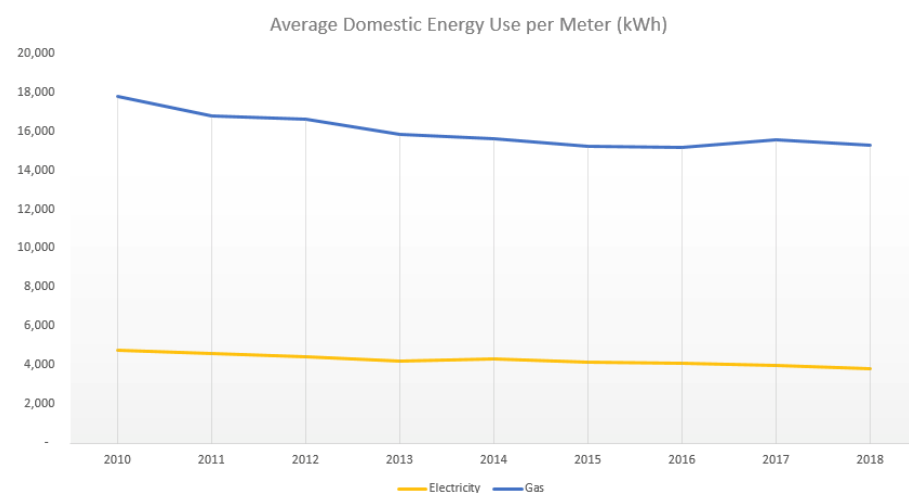
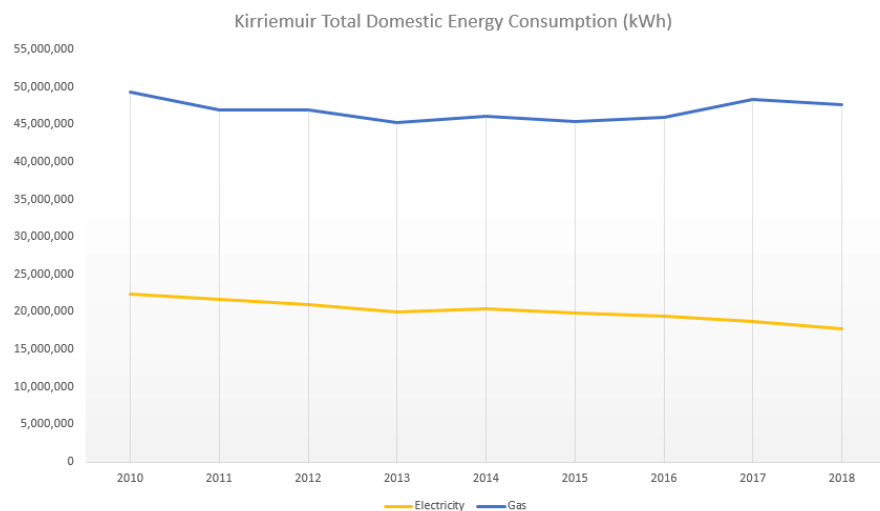
Bellie's Brae Car Park – **3** (2x 22kW, 1x 50kW)

Reform Street Car Park – **1** (1x 50kW)

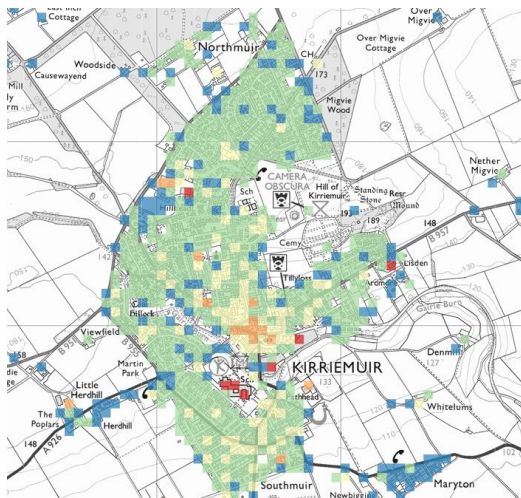
<https://www.scotlandscensus.gov.uk/ods-web/area.html>

<https://www.usp.scot/Town?mainTownName=kirriemuir> – tables and charts of census data

## Kirriemuir Electricity and Gas Consumption. Source UK Government



Below, Heat Map Scotland, illustrating regions with greater annual energy use. Highlights large community buildings such as sports halls, schools, and possible greater energy use in older properties, but this could also be shop energy use distorting the image stats.





## **Other references to weather related disruption for Kirrie and the region.**

### **Kirriemuir Show plans disrupted by flooding**

<https://www.thecourier.co.uk/news/local/angus-mearns/207798/kirriemuir-show-plans-disrupted-by-flooding/>

### **Beavers cleared of flooding paths at local beauty spot**

<https://www.eveningtelegraph.co.uk/fp/beavers-not-blame-flooding-paths-local-beauty-spot/>

### **Angus becoming tornado alley with twister spotted at Kirriemuir Show**

<https://www.thecourier.co.uk/fp/news/local/angus-mearns/935194/angus-becoming-tornado-alley-as-twister-spotted-at-kirriemuir-show/>

Dave Barrett captured a rare double tornado in the hills north of Kirriemuir in

May 2019. <https://www.thecourier.co.uk/fp/news/local/perth-kinross/942884/map-predicts-severe-thunder-and-possibly-a-tornado-in-tayside-and-fife-tonight/>



### **‘A complete swamp’ flooding forces cancellation of Kirriemuir music event Live In The Den**

<https://www.thecourier.co.uk/news/local/angus-mearns/90565/a-complete-swamp-flooding-forces-cancellation-of-kirriemuir-music-event-live-in-the-den/>

### **Kirriemuir cancer fundraiser with 450 entrants cancelled due to safety concerns**

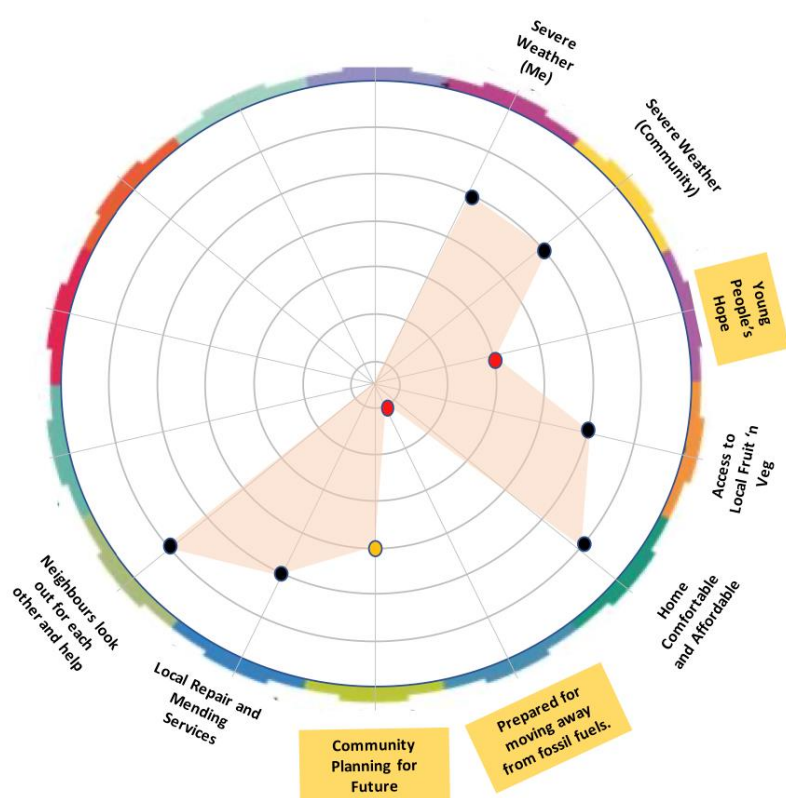
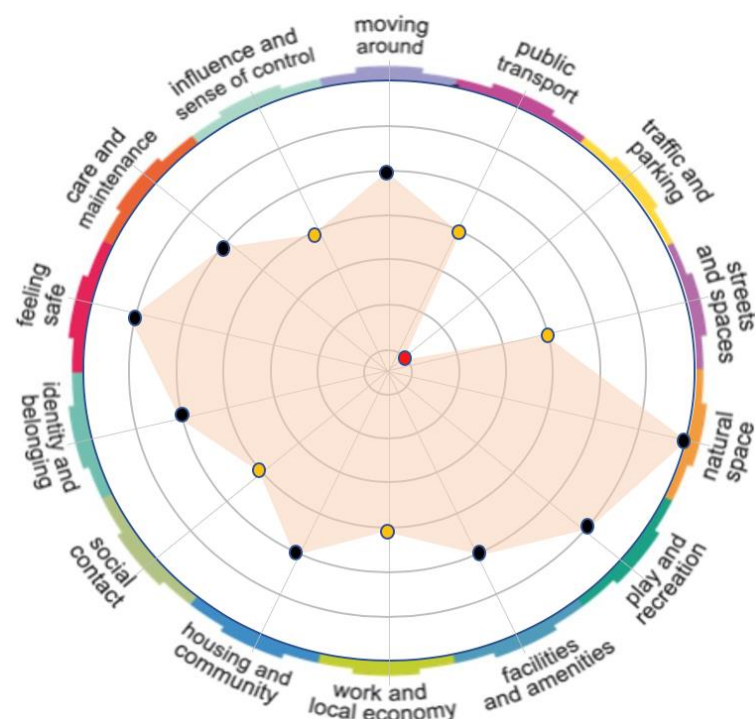
<https://www.thecourier.co.uk/fp/news/local/angus-mearns/953519/kirriemuir-cancer-fundraiser-cancelled-due-to-safety-concerns/>

### **Gamekeepers tackle wildfire in Angus glens – 30+ miles from Kirriemuir**

<https://www.thecourier.co.uk/fp/news/local/angus-mearns/679618/gamekeepers-tackle-wildfire-in-angus-glens/>

# PLACE STANDARD AND RESILIENCE SURVEY RESULTS

We had limited time to organise a full Place Standard interactive session due to Covid-19 restrictions but sent out a mini survey using the same core questions which were collated and are mapped below. 172 responses. Initial indicators are that Traffic and Parking is the issue with the strongest need for further action. Other scores are fairly neutral with Kirrie showing it has great access to outdoor space, play and recreation and a general feeling of safety.



In Addition, we extended the place-standard questions to include some more focused on climate resilience. Using the same scoring scale, aspects of most need are young people's hope, preparing to move away from fossil fuels and the need to have a clearer community plan for the future.

# FURTHER LINKS

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Main community Facebook group:

Oor Kirrie (Auld n New) <https://www.facebook.com/groups/133301436801420>

Business

Kirriemuir and Local Business Association (KALBA)/ Kirriemuir

& The Glens: <https://www.discoverkirriemuir.com/> <https://twitter.com/kirriemuirglens> <https://www.facebook.com/kirriemuirandtheglens/>

Environment

Sustainable Kirriemuir: CCF funded project to reduce local area's carbon emissions with a particular focus on food, makers workshops and mending: <https://sustainable-kirriemuir.mailchimpsites.com/>

<https://www.facebook.com/sustainablekirrie> <https://www.facebook.com/groups/sustainablekirrie/>

Food

A Longer Table: Community Interest Company (CIC) with zero waste products and food <https://www.alongertable.net> <https://www.facebook.com/alongertable/>

Kirriemuir Food Hub: COVID response group working on emergency food redistribution <https://www.facebook.com/kirriefoodhub/>

Kirriemuir Town and Country Market: <https://www.facebook.com/KirriemuirMarket/>

Star Rock Shop Confectionary Shop: oldest sweet shop in Scotland: <https://www.facebook.com/starrockshopkirriemuir/>

Growing and Gardening

Kirriemuir Community Allotment Association: <https://www.facebook.com/Kirriemuir-Community-Allotment-Association>

Kirriemuir Community Garden at St. Mary's Field: <https://www.facebook.com/KirrieCommunityGarden/>

Kirrie Den Project: group managing and maintaining the Den: <https://www.facebook.com/kirrieden>

Other Organisations

Kirriemuir Community Council: elected community councillors who make decisions on local issues in public forums: [https://www.angus.gov.uk/directories/community\\_councils/kirriemuir\\_community\\_council](https://www.angus.gov.uk/directories/community_councils/kirriemuir_community_council) <https://anguscommunitycouncils.wordpress.com/community-council-minutes/inverarity/>

<https://www.facebook.com/kirriemuircommunitycouncil>

Kirriemuir Regeneration Group: volunteer group managing the Camera Obscura, Kirrie Den and the public toilets as well as supporting other groups: <https://www.kirriemuircameraobscura.com/kirriemuir-regeneration-group> <https://en-gb.facebook.com/groups/1607831102766013/>

Rotary Club of Kirriemuir: local fundraising and support club: <https://www.rotary-ribi.org/clubs/homepage.php?ClubID=42> <http://www.facebook.com/kirriemuirrotary/>

Social

DD8: music group supporting young people and teaching them how to play musical instruments: <https://www.dd8music.com/home> <https://en-gb.facebook.com/dd8music/>

Kirrie Connections: community hub that serves as a base for the Dementia Friendly Kirriemuir

Project: <https://www.facebook.com/KirrieConnections>

Kirriemuir Men's Shed: social space for men to meet, work on projects and chat: <https://www.facebook.com/kirriemuirmensshed>

Sports

Kirrie Thistle FC: <https://www.pitchero.com/clubs/kirriemuirthistlejfc/> <https://twitter.com/kirriethistle?lang=en/> <https://www.facebook.com/KirrieThistleJuniorFootballClub>

**Kirrie Youth**

FC: <http://www.kirriethistleyfc.co.uk/> <https://twitter.com/CfcKirrie> <https://www.facebook.com/kirriethistlecfc/>

Golf Club: <https://www.kirriemuirgolfclub.co.uk/> <https://en-gb.facebook.com/kirriemuirgolfclubrestaurant/>

## Other Support Agencies and Organisations

**Keep Scotland Beautiful** – [www.keeptoscotlandbeautiful.org](http://www.keeptoscotlandbeautiful.org) – Climate Literacy training, ECO Schools, Climate Ready Classrooms, Green Key tourism accreditation, Litter campaigns, etc.

**Local Energy Scotland** – CARES scheme to help with community energy projects - <https://www.localenergy.scot> and map of local energy projects <https://www.localenergy.scot/projects-and-case-studies/searchable-map-of-local-energy-projects/>

**B-Lines** / Biodiversity for pollinating insects - <https://www.buglife.org.uk/news/buglife-launch-b-lines-across-scotland/>

**Zero Waste Scotland** - <https://www.zerowastescotland.org.uk> and their SME/Business Energy Advice support service - <https://energy.zerowastescotland.org.uk/content/support-scottish-businesses>

**Woodland Trust** - <https://shop.woodlandtrust.org.uk/trees>

## ASSETS

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### Main Physical Assets

#### Churches

The Glens and Kirriemuir United Parish Church  
St Anthony's Parish Church  
St Mary's Scottish Episcopal Church  
Kirriemuir Free Baptist Church  
St Andrew's Church  
Strathmore Christian Fellowship

#### Community Halls

Kirriemuir Town Hall  
Guide Halls  
Kirrie Connections  
Northmuir Hall

#### Retirement and Care Homes

Lyell Court – Retirement Housing  
Kirkton Court – Retirement Housing  
Glebe Court – Retirement Housing  
Balhousie Lisden - Care Home  
Storyville House - Care Home

#### Schools

Northmuir Primary School  
Southmuir Primary School  
Webster's High School

#### Sports

Kirriemuir Bowling Club  
Kirriemuir Golf Club