



Frampton Cotterell Local Climate & Nature Action Plan

2021-2024



Do Your Part, Save Our Planet

**Frampton Cotterell Parish Council
Climate and Nature Committee**

Image Credit: Holly Blue Butterfly and Blackcap: J.Selman. Pink Centian: L.Williams. Pink Elephant Moth & Fox: P.Handy, Frog: D.Goodwin. All photos taken in Frampton Cotterell.



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Reference (Minute number): CN/2021/32i

Feedback and suggestions welcome. Please contact Daisy Finniear on nature@framptoncotterell-pc.gov.uk.

Introduction

Frampton Cotterell Parish Council has recognized the urgency of the Climate and Nature Emergency and the need to take action to protect our local biodiversity and reduce the impact of climate change. With support from volunteers and South Gloucestershire Council's Local Nature Action Plan Guidance, the committee have created this 3-year Local Climate and Nature Action Plan for the village.

Human influence on our planet has resulted in a warming atmosphere, ocean and land. There is clear scientific evidence for human impact contributing to climate change, which is already resulting in heatwaves, flooding, and droughts (gov.uk, 2019). By collaborative working, investigation and promotion of green energy sources and green travel, the Parish Council hope to minimise its carbon footprint as well as that of Frampton Cotterell as a whole. If we all act fast, a climate catastrophe can be avoided (IPCC Report, 2021). Help us on our journey to make Frampton Cotterell a carbon neutral village.

Species decline and habitat loss are closely linked to the climate emergency, and therefore Frampton Cotterell Parish Council are working on this joint Local Climate and Nature Action Plan. Since the 1970s, species have declined by 41% across the UK (State of Nature Report, 2019). This is due to many causes, including but not limited to, habitat loss, habitat fragmentation, impacts of climate change and road casualties.

There is so much information about climate change and the decline in our biodiversity that it can feel overwhelming. However, with the help and support of individuals, families, businesses, organizations, landowners, South Gloucestershire Council and community groups, we can make the village a place for wildlife to thrive and green spaces to flourish. Do your part, save our planet.

To get involved or to learn more, contact Daisy Finniear (Climate & Nature Officer) on nature@framptoncotterell-pc.gov.uk.

Aims and Objectives

Frampton Cotterell Climate and Nature Committee have created this Local Climate and Nature Action Plan with the aims to **protect and enhance nature and our environment** through the following objectives:



To reduce our local carbon footprint and promote waste reduction



To increase connectivity through the creation of wildlife corridors and habitats



To facilitate stronger collaborative working with stakeholders



To understand the current species and habitats across the village



To increase community engagement and communication



To ensure climate and nature issues are incorporated into the parish council decision making process



To address and highlight the climate and nature emergency



To protect areas of Green Belt across the parish and to promote brownfield redevelopment over greenfield development

Partnerships and Stakeholders

PARTNERSHIPS & CONTACTS INVOLVED IN CREATING PLAN

Organisation	Role	Contact
Frampton Cotterell Parish Council's Climate & Nature Committee	Lead, funding, committee structure	Daisy Finniear (Climate & Nature Officer) Phone: 01454 864442 Email: nature@framptoncotterell-pc.gov.uk
Frampton Cotterell Nature Group	Species lists, tree cover.	Facebook Page: Frampton Cotterell Nature Group
South Glos Council	Guidance	nature@southglos.gov.uk
Volunteers for the Parish Council	Reviewing plan, research.	If you would like to volunteer, contact nature@framptoncotterell-pc.gov.uk

STAKEHOLDERS

Community groups and clubs	Local Schools/pre schools	Churches	Local organisations	Doctor surgeries	Local businesses
Local police	Environment organisations	Neighbouring Town & Parish Councils	Frampton Cotterell Residents	South Glos Council Biodiversity Officers	Local landowners
Allotment holders	Housing developers	Local MPs	Parish Council land management contractors	Parish Council officers	Site users

Stakeholder Communications Plan

STAKEHOLDER	ACTION	MESSAGE CONTENT	DELIVERY METHOD	TIMELINE
Residents	Regular updates on climate nature projects	Proposed projects, feedback requests, actions taken	Social media, Frome Valley Voice, Council website, noticeboards, meetings, events.	Min. monthly online updates.
Community Groups/committees	Involve and collaborate on projects	Update on projects that connect to their group, impact, involvement, collaboration potential.	Climate and nature committee meetings with rep in attendance when applicable. Email.	Before start of relevant projects.
South Glos Council	Keep informed of action taken	Updates on nature projects	Contact nature@southglos.gov.uk	Every 6 months
Local businesses	Support businesses in making eco friendly changes	Examples of changes that could be made e.g. creating long grass margins, reducing single use plastic.	Email, leaflets in person or social media.	Annually/project specific contact.
Volunteers/potential volunteers	Keep informed of opportunities	Upcoming climate and nature projects	Email existing volunteers. Consider e-newsletter sign up. Information at stall events.	As and when opportunities arise.
Local services & organizations	Keep informed of relevant projects	News on projects they can support, help with or inform on.	Email	Before new relevant projects begin.

Annual Online Monthly Communications

Each month of the year, a different theme relating to climate and nature projects shall be communicated with residents. Where possible, the themes shall tie into national campaigns, such as Plastic Free July, World Refill Day and No Mo May. The purpose of this is to share knowledge and raise awareness on climate and nature issues, lifestyle changes and individual action. **Other Council's/groups are welcome to use the plan below** to improve shared knowledge and communications. The more people sharing similar information at once, the wider the reach.

Communications Topic	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Green travel	Green											
Greener homes		Green										
Wild Gardening			Green									
Connecting with Nature				Green								
No Mo May					Green	Green						
Refill Revolution						Green						
Plastic free July							Green					
Food growing and waste								Green				
Land management									Green			
Greener businesses										Green		
Eco Halloween/Bonfire											Green	Green
Eco Christmas												Green
Local action/opportunities	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green

Mapping Frampton Cotterell

Mapping of Frampton Cotterell's features can be found on the Google My Maps link:

<https://tinyurl.com/FCmapping>

Current mapping features include:

- Habitat map
- Climate map
- Parish Council owned/leased land
- South Gloucestershire Council owned land
- Opportunities for climate and nature

Mapping Wishlist (not yet added to map):

- Wildlife gardens*
- Trees with preservation orders
- All ponds/wetland zones
- Wildlife homes such as bird and bat boxes
- South Glos Council's all for sites land
- Native hedges
- Hazards for wildlife

By mapping the above features, we can understand what assets we already have and what can be improved upon to help protect and enhance nature and our environment.

*Gardens are extremely important "stepping-stones" for wildlife, contact us to mark your wild garden on the map or for tips on making your garden better for nature.

Frampton Cotterell Parish Council owned/leased land includes:

- Centenary Fields, Mill Lane (owned by Frampton Cotterell Parish Council).
- The Park, School Road (owned by Frampton Cotterell Parish Council).
- The Brockeridge Centre, Woodend Road (owned by Frampton Cotterell Parish Council, sited on land leased from South Glos Council).
- The Piggeries near The Land (owned by Frampton Cotterell Parish Council).

- Beesmoor Road Playing Fields (Frampton Cotterell Parish Council custodians of land, site run by Beesmoor Playing Fields Committee).
- Jubilee Allotments (leased by Frampton Cotterell Parish Council, short term).
- Mill Lane Allotments (owned by Frampton Cotterell Parish Council).
- The Triangle, Opposite the Rising Sun Pub (owned by South Glos Council, run by Frampton Cotterell Parish Council via Highways license).
- Ridings Road Play Area managed by Frampton Cotterell Parish Council, land owned by South Glos Council).

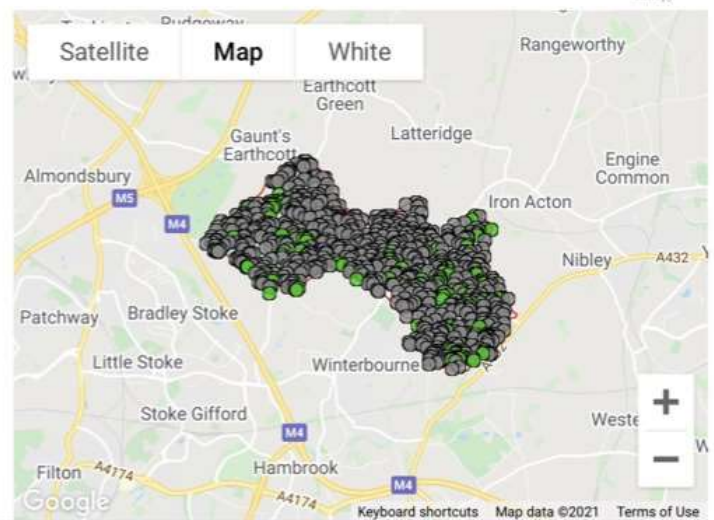
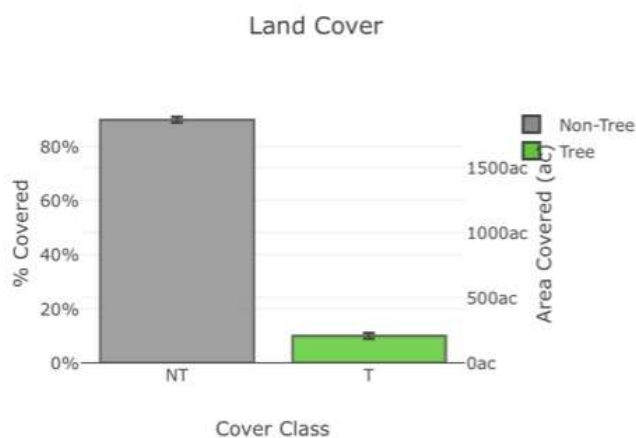
TREE DISTRIBUTION MAP

A tree distribution map has also been created by volunteer David Hanks (2021), using the iTree (2021) mapping tool. The iTree results (figure 1) show that the village has only 10% tree coverage. This highlights the need for a tree planting scheme in Frampton Cotterel.

i-Tree Canopy v7.1

Cover Assessment and Tree Benefits Report

Estimated using random sampling statistics on 8/29/2021



Abbr.	Cover Class	Description	Points	% Cover ± SE	Area (ac) ± SE
NT	Non-Tree	All other surfaces	720	90.00 ± 1.06	1871.12 ± 22.05
T	Tree	Tree, non-shrub	80	10.00 ± 1.06	207.90 ± 22.05

Figure 1: iTree results of Frampton Cotterell showing 10% tree coverage across the village. Data from David Hanks (2021).

Land Services Checks

Services checks have been undertaken at the Centenary Field in 2021, showing no services present (including gas, water pipes and electric cables). Full services documents are available on request. Before undertaking works that involve planting or land modification, up to date services checks will be undertaken on other parish council owned sites, such as before tree planting or in the event of pond creation.

Species Lists and Ecology Report

SPECIES LISTS

Species lists of fungi, reptiles, birds, fish, amphibians, and mammals across Frampton Cotterell have been compiled by volunteer, David Hanks, with support from Councillor Julian Selman and members of Frampton Cotterell Nature Group. The species link provides a regularly updated version of the species found:

Species lists link on Frampton Nature:

<https://framptoncotterellnature.wordpress.com/species-2/>

If you cannot access the species list link and require a separate copy, please contact nature@framptoncotterell-pc.gov.uk or call 01454 864442.

ECOLOGY REPORT

And ecology report has been compiled by Frampton Cotterell Parish Councillor, Julian Selman, with support from volunteer, David Hanks. The report highlights habitats, species, and areas of interest across Frampton.

Ecology report link: <https://tinyurl.com/ecologicalFC>

Carbon Footprint

Centre of Sustainable Energy's IMPACT carbon footprint estimator provides an approximate calculation of Frampton Cotterell's carbon footprint (CSE, 2021). Both territorial and consumption based footprints have been calculated. Territorial carbon footprint relates to all emissions occurring within the Frampton area only. Consumption based footprints relate to all emissions caused by Frampton Cotterell residents, regardless of where geographically they occur. Figure 3 shows that the total approximate total territorial carbon footprint is 31,715 tons of CO₂ equivalent (tCO₂e*) for the parish. Industrial, housing and transport appear as the top contributors to the territorial village footprint. Figure 4 shows the consumption-based carbon footprint of the parish, at an estimated 52,079t CO₂e*. Consumption of goods, food and housing are at the top of the list for the consumption-based village footprint.

The parish council aim to work in collaboration with residents, community groups, businesses and more to reduce the overall carbon footprint of the village and race towards zero carbon. As high levels of carbon negatively impact nature and our environment, this action plan aims to both reduce the villages carbon footprint long term and mitigate the current impacts of CO₂ on the environment.

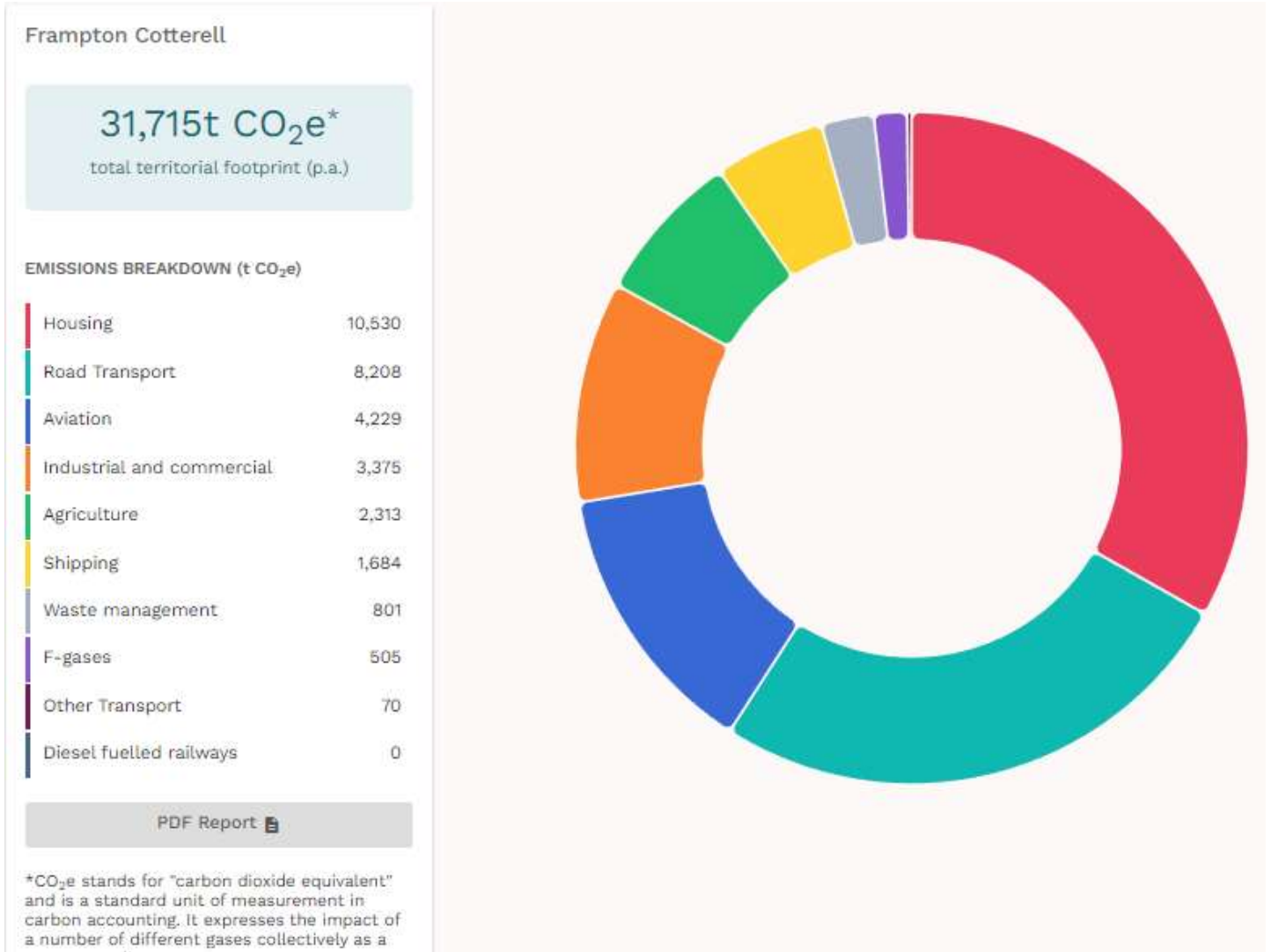


Figure 2 Estimate of total territorial footprint in Frampton Cotterell. Estimation from Centre of Sustainable Energy's IMPACT carbon footprint tool (CSE, 2021)

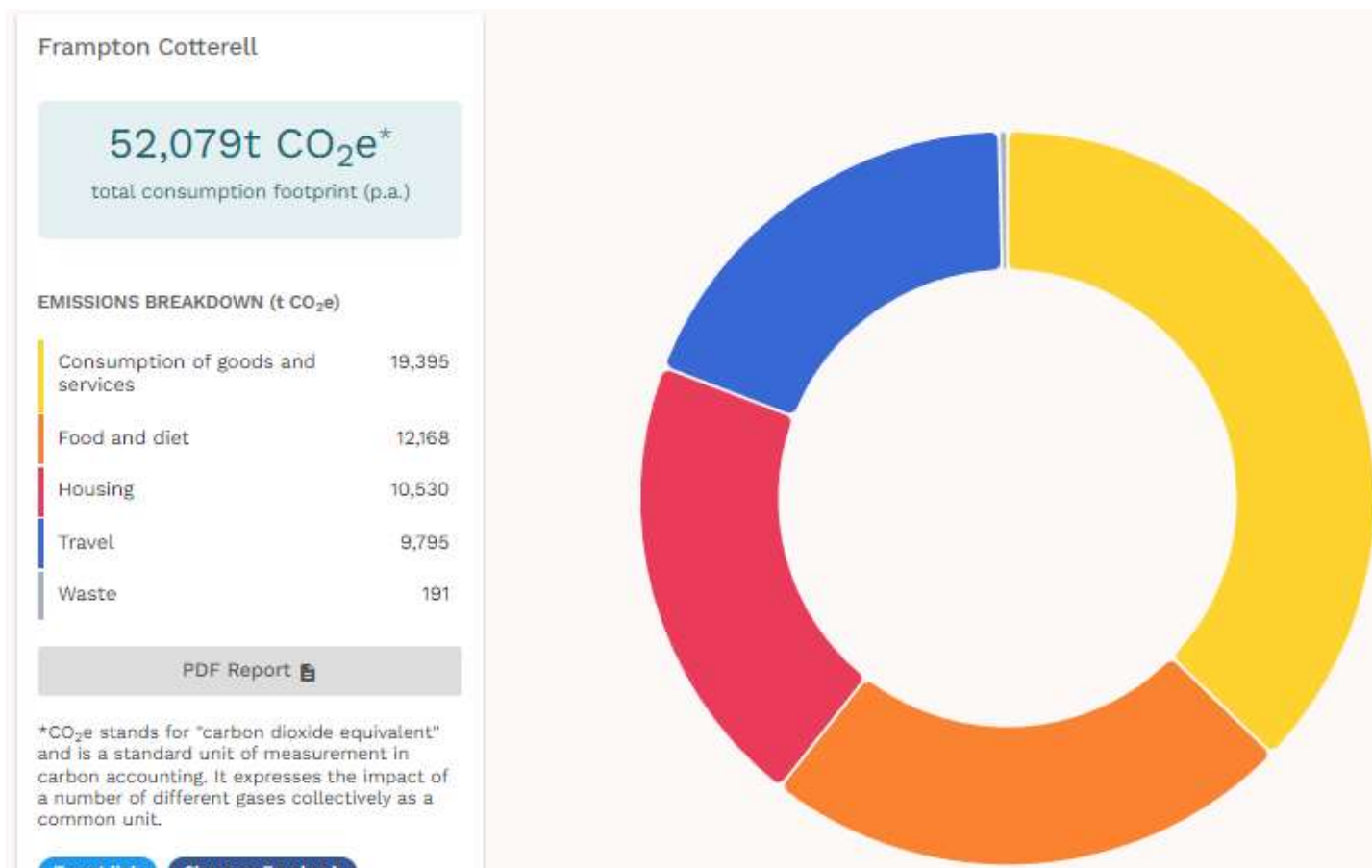


Figure 3: CSEs IMACT tool showing the consumption footprint for Frampton Cotterell as a village (CSE, 2021).

Previous Parish Council Projects

Frampton Cotterell Parish Council have worked on climate and nature projects for many years. Many previous projects fall within some of the aims and objectives within this action plan to protect & enhance nature and the environment. Below are some of the council's previous projects:

Reduce Carbon Footprint and promote waste reduction

- Solar panels have been installed on Parish Council owned buildings including The Brockridge Centre and Pavilion.
- ECO LED lighting installed at the Brockridge Centre.
- Motion Centre lighting installed at the Pavilion and Brockridge Centre.

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- Push button auto-stop taps in Brockridge toilets to reduce water waste.
 - +++ energy saving dishwasher installed at The Brockridge Centre.
 - Switched to green energy tariff for Council buildings.
 - A 100% electric van purchased for Estates Worker.
 - EV charging unit installed at the Pavilion.
 - Paperless Council agendas to reduce paper use.
 - Starting the Refill Frampton Cotterell Scheme to reduce single use plastic.
 - Switched to glass milk bottles.
 - Began using reusable event products e.g bunting, tableware.

Increase connectivity through the creation of wildlife corridors and habitats

- Bluebell plug planting at Centenary Field.
- Creation of a community orchard at The Centenary Field.
- Installation of Community made bat boxes at the Centenary Field.
- Wildflower planting at the Centenary Field and The Park.
- New biodiversity management plan for the Centenary Field (started June 2021).
- Conservation plan has been followed at The Park for 10 years since 2010 (plans to update).
- New woodland planted with the Scouts at Centenary Field (November 2021).

Facilitate stronger collaborative working with stakeholders

- Working with Village Action (e.g. bat box creation and installation).
- Working with Floral Friends of Frampton (e.g. supporting and funding the planting of flowers across the village including the 2021 Suffragette planter).
- Previous collaborations with the schools for wildflower planting.
- Supporting Plastic Free Frampton Cotterell in their aims to become a Plastic Free Community.

Understand current species and habitats across the village

- Biodiversity report for Frampton Cotterell received in 2012 from South Gloucestershire Council.
- Preliminary Ecological Appraisal commissioned for the Centenary Field 2019.

- 10-year conservation tree plan for The Park – due for renewal.

To increase community engagement and communication.

- “Save the Planet” theme for 2021 Scarecrow.
- Started public Climate and Nature meetings.
- Refill Frampton Cotterell: represented at events and Facebook page.

Ensure climate and nature issues are incorporated into the Parish Council decision making process.

- Created and approved a bird nesting policy in 2021 that sets guidelines for hedge, grassland and tree works to avoid harm to nesting birds.
- Created and approved a pesticide policy in 2021 that prohibits the use of chemical herbicides and pesticides on council land for routine use.
- Created a Climate and Nature Council Committee and discussion group to make informed decisions on environmental issues.
- Allotment regulations updated in line with no pesticide policy – to be reviewed further to see if rewilding can be considered.

Projects: 3 Year Plan 2021

The Parish Council is proud of the previous projects that have aimed to tackle climate and nature issues. However, much more can still be done. As such, the climate and nature committee launched in 2021 to plan future projects to fulfill the aims and objectives within this action plan. The initial projects in this 3-year plan can be found in the table below. The following project plan is not exhaustive as additional opportunities may arise. The projects may be subject to slight modification when they are each investigated, costed and discussed at the Climate and Nature Committee of Frampton Cotterell Parish Council.

Projects shall be impact assessed before moving forward to ensure the positive impacts outweigh the negative impacts.

PROJECT	DETAILS	TIMELINE	MONITORING
AIM: Reduce our local carbon footprint and promote waste reduction			

Refill Stations	Install X3 new water refill stations to reduce single use plastic bottles	Autumn/Winter 2021/22	Once installed, monitor use through feedback surveys. Clean fountains 3-4 times per week.
Become a 'Plastic Free Community' and Refill Frampton Cotterell	Support the Plastic Free group to make Frampton a Plastic Free Community and to reduce single use plastic through events and initiatives. Continue to promote Refill Frampton Cotterell.	Ongoing 2021-2024	Monitor criteria undertaken to become a plastic free community with Surfers Against Sewage (SAS). Record events and projects and share with SAS.
Reduce food waste	Promote allotment produce share to reduce waste, consider harvest events and ways to reduce food waste.	Autumn 2021-24	Monitor involvement in produce share. Annually review methods and information for reducing food waste.
Increase awareness of plastics in compost	Work with Frome Valley Growing Group to create a short informative video about plastic waste in compost sites and how to reduce this.	Jan/Feb 2022	Monitor number of views and interaction with videos shared online.
Investigate air source heat pumps	To investigate the possibility of an air source heat pump as an energy source for the Pavilion.	Winter 2022	Monitor positives and negatives raised at research stage to investigate suitability.
AIM: Increase connectivity through the creation of wildlife corridors and habitats			
Tree and hedge Planting	Scouts planted new woodland at Centenary Field Autumn 2021, to be	Autumn 2021 – Spring 2024	Record number of trees. Work with tree contractor to

	completed throughout the winter of 2021/22. Tree planting consultation to help decide next locations for planting. To plant more fruit trees and native hedgerows.		monitor health of trees and promote growth. Review tree cover using iTree.
Prevent spread of ash dieback	Tree survey undertaken of all trees on Parish Council owned land. To contract an arboriculturist to action subsequent tasks from the survey report.	Winter 2022-Spring 2024	Chosen contractor to monitor trees annually for signs of ash dieback.
Centenary Field management plan	Flower, hedge and tree planting as part of the Centenary Field woodland and grassland management plan. Follow 5 year plan (ending for renewal Spring 2025). Invite community groups/schools for planting.	Summer 2021 to Spring 2025.	Monitor works carried out by contractor. Monitor biodiversity e.g. through annual Bioblitz recordings and sightings from residents. Plan to be updated in 2024/25.
Long grassland zones	Creation of long grassland zones for small mammals, insects and birds. Sections of Centenary Field shall be left uncut, and the hay meadow cut on rotation.	Summer 2021 onward.	Monitor diversity of the grassland through updating species lists and annual bioblitz data. Review long grass areas annually.
The Park Management	To review conservation management at the Park and investigate increase in wildlife corridors, such as hedges, wildflowers and long grass zones.	2022	Monitor species spotted, such as on iNaturalist during bioblitz events and encourage residents to send in photos of species sightings.

Wildlife homes	Scouts to create a bug hotel at the new Centenary Field Woodland. A sculpture bug hotel has been commissioned using grant funding. To investigate and cost the possibility for hedgehog homes/highways, bird boxes, bat boxes and other homes for wildlife. Work with community groups.	Autumn/Winter 2021/22 ongoing	Monitor species spotted, such as on iNaturalist during bioblitz events and encourage residents to send in photos of species sightings.
Investigate wetland/pond creation	Investigate possibility of a pond or wetland “scrape” area at the Centenary Field. If created, to work with schools and the community to arrange pond dipping.	Winter 2022/23	Nature Officer to research and monitor the positive and negative impacts of a wetland area and report back to Committee.
Declare Local Nature Reserve	Apply for Local Nature Reserve Status for the Centenary Field. Work with South Gloucestershire Council to obtain authority to declare.	Winter 2021/22	Monitor progress with South Glos Council on the declaration process.
AIM: Facilitate stronger collaborative working with stakeholders			
Work with landowners	Work with local landowners and farmers to encourage native tree planting and rewilding on parts of their land. Support from Winterbourne Environmental Group.	Ongoing from Autumn 2021 -2024	Monitor number of landowners willing to plant trees. Monitor and record number of trees planted.
Collaborate on projects with community groups	Work with Plastic Free Frampton Cotterell, Floral Friends of Frampton, Village Action, Frampton Scouts and	Ongoing	Annually review collaborations with local groups and consider where

	Frampton Cotterell Nature Group.		partnerships could be made on future projects.
Build relationships and increase participation in projects	Communicate with schools, churches, charities, Youth Club and Scouts to open opportunities for involvement in climate and nature projects.	Ongoing	Record which organisations contacted for which project and monitor partnerships created.
Collaborate with Frampton Cotterell Nature Group	The group continue to update the species list within this plan. Investigations on supporting the group with funding for habitat creation.	Ongoing from Autumn 2021	Maintain contact and invite representatives to committee meetings.
Encourage businesses to be greener	To develop a communications plan to share with local businesses on simple ways to be greener.	Ongoing from Winter/Spring 2022	Once plan developed and sent out, request feedback from businesses to see if any green switches have been made.
Involve the community as volunteers	Sign up volunteers through social media, events and Frome valley voice.	Ongoing from Autumn 2021.	Monitor number of people signing up as volunteers.
AIM: Understand the current species and habitats across the village			
Species lists	Continue to communicate with Frampton Cotterell Nature group to keep the species lists within this plan updated.	Continue to update. Ongoing from Autumn 2021.	Species list to be regularly updated with species sightings.
Mapping	The link to map within this plan to continue to be updated with habitats and opportunities for climate & nature.	2021-2024	Map to be reviewed bi-annually and updated where required.
Ecological reports	Follow advice from previous reports, including Ecological Appraisal of Centenary Field	2021-2024	Update 5 year plan for Centenary Field with ecologists in

	and Frampton Cotterell Parish. To share and continue to work on the village wide ecological report written by councilor J.Selman. To commission a conservation report for The Park.		2025/6. Ongoing updates to Parish Ecology report when new areas of interest sighted.
Monitor species using citizen science	To investigate and promote citizen science projects to monitor species. E.g. otter monitoring, river monitoring, pond dipping and bat surveys. To include monitoring as part of the BioBlitz events.		
AIM: To increase community engagement and communication			
Wildlife Photography Competition	To hold a competition for residents to photograph nature. Eco friendly prize for the winner/s	Summer 2022 (continue yearly if successful)	Monitor number of people taking part/engage on social media.
Centenary Field Play Strategy	To review the play strategy and investigate natural play.	2022/23	Ensure updates are compatible with promoting nature. Ask expert advice where appropriate and involve stakeholders.
Nature Treasure Hunt Event	Hold an event to hunt for local nature. Details to be discussed, consider holding at Centenary Field with eco stalls/activities.	Spring 2022 (continue yearly if successful)	Monitor number of attendees and stall holders. Online feedback survey.
BioBlitz	A BioBlitz is an event where as many people as possible record species across the village using the iNaturalist app. This not only will help	Spring 2022 and once every season(up to 4x per year)	Monitor number of participants in recording on iNaturalist. Monitor species recorded

	us to understand the species in the village, but also engage the community in actively recording data. Involve Frampton Nature Group.		and add to the village ecological report/species lists.
Complete and share 2021 Climate & Nature Action Plan with community	To actively engage the community with the action plan, welcoming feedback and offers to help role our projects with stakeholders and volunteers.	Winter 21/22	Note feedback from community and consider modification to the plan. Review plan annually.
To highlight wildlife hazards	To share information on parish council platforms about wildlife hazards, such as astro turf and pesticides	Spring 2022 onward ad hoc.	Note engagement on social media and feedback.
New information board for Centenary Field	To be updated with new management plan, species present, habitats created and tree planting (Scouts).	2022	Once installed, ask for feedback online from residents on the new board.
AIM: Ensure climate and nature issues are incorporated into the Parish Council decision making process			
Hold public Climate & Nature meetings	To plan the dates 2022 Climate Nature Meetings and invite members of the public/stakeholders. To welcome questions, suggestions, and discussions.	Summer 2021 onward	Monitor number of people attending meetings.
Social media communications plan	To follow the communications themes for social media outlined in this plan.	Winter 2021-2024	Monitor engagement (comments, likes, shares, reach) on social media posts.
Climate & Nature webpage	To create and update webpage on the Parish Council website with news	Winter 2021/22	Monitor comments on website and work with communications

	on all things Climate & Nature in Frampton.		officer to review traffic to page.
Climate & Nature Policy	To research and create a climate & nature policy to include best practice on energy, hedgerows, land management etc.	2022	Annual review of policy once created and approved.
Allotment agreements	To work with the council to update the allotment agreements to include practices to protect nature.	To be submitted before September 2022.	Review allotment agreements annually in August before agreements sent out.
AIM: To address and highlight the Climate and Nature emergency			
Declare a Climate & Nature Emergency	Frampton Cotterell Parish Council to consider declaring an official Climate & Nature Emergency. To add the declaration to the Parish Council website.	Winter To 2021/22	Review declaration annually and update where required.
AIM: To protect areas of Green Belt across the Parish			
Development proposal document	Continue working on the development proposal document and work with the planning committee on responses, with the aim to support more ecofriendly developments and protect green sites.	Winter 2021/22 onward.	Work with the planning committee to monitor incoming development proposals.

Funding

From November 2021 – April 2022, £10,000 has been allocated in the Parish Council budget for climate & nature projects. £2,000 from Solar Grant Funding has been awarded to the committee to purchase the wood carving bug hotel for the Centenary Field.

The budget for 22/23 is being finalised at the time of writing this action plan. The plan shall be updated once the budget is set. The Parish Council's Finance Officer shall support the Climate & Nature Committee in obtaining grant funding for projects.

South Glos Council have offered to supply three 8ft heavy standard trees and to fund the care of these trees for the first year.

Contact and Get Involved

If you have any suggestions, comments or would like to get involved in any of the projects proposed in this plan, contact Daisy Finniear on nature@framptoncotterell-pc.gov.uk or call 01454 864442.

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