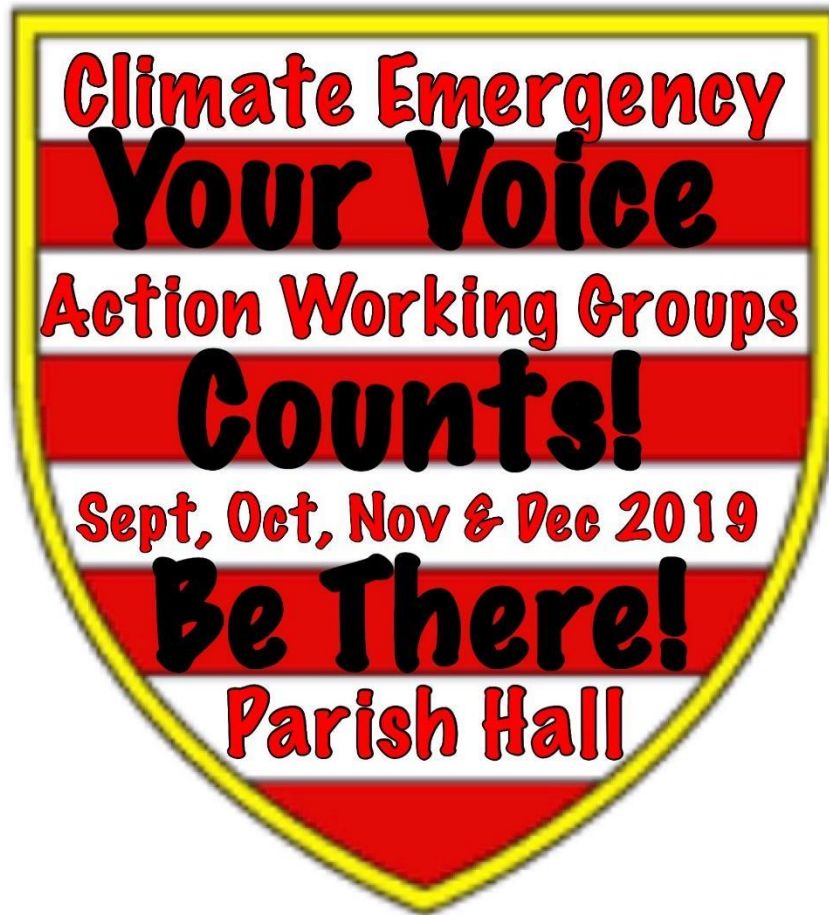


Report of the Grouville Parish Climate Emergency Action Working Group



Author: Sarah Howard

Date: 10th December 2019

1 Foreward

“It’s inspiring to see how organised the Grouville Parish Climate Emergency Action Working Group are, and how much they have achieved in such a short space of time. What’s particularly impressive is the way they have sought to engage the energy of the whole community, drawing ideas from many different sources, and yet managing to maintain a coherent framework for their action plan. It is encouraging to see that whenever people are given the opportunity to engage in the struggle against climate change, there is never a shortage of energy, passion or commitment. I hope that the different parishes can draw strength from each other, and perhaps “ratchet up” both the quality and quantity of good ideas as a result. Certainly, the work that Grouville has already done will help us in St Brelade.”

Jonathan Renouf, former Executive Producer in the BBC Science department, who has been making documentaries about climate change for 20 years.

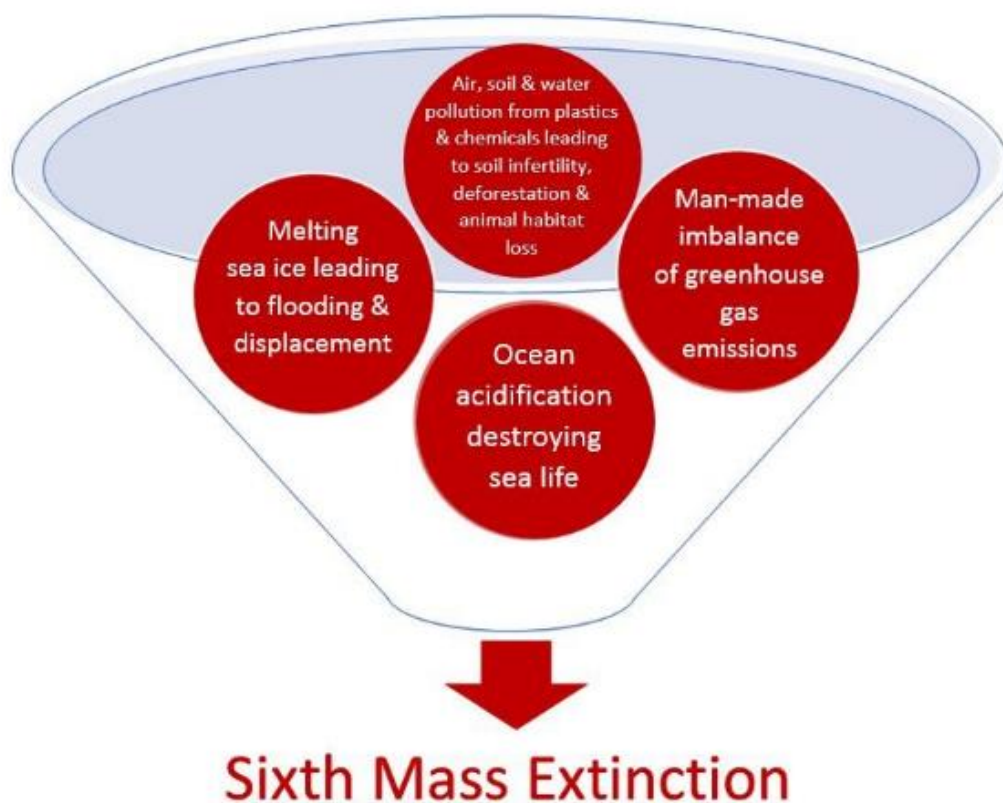
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2 Executive Summary

2.1 On 10th July a 'Climate Change Emergency' proposition was presented to and approved by the Grouville Parish Assembly. Scientific evidence from the IPCC clearly shows that the planet is heading towards a 6th mass extinction event, and every member of the global society needs to take action to achieve a 1.5 degree Celsius pathway through carbon neutrality by 2025-2030. This requires action to be taken now. See Appendix A for the full proposition.

Figure 1 - 6th Mass Extinction Event Causes

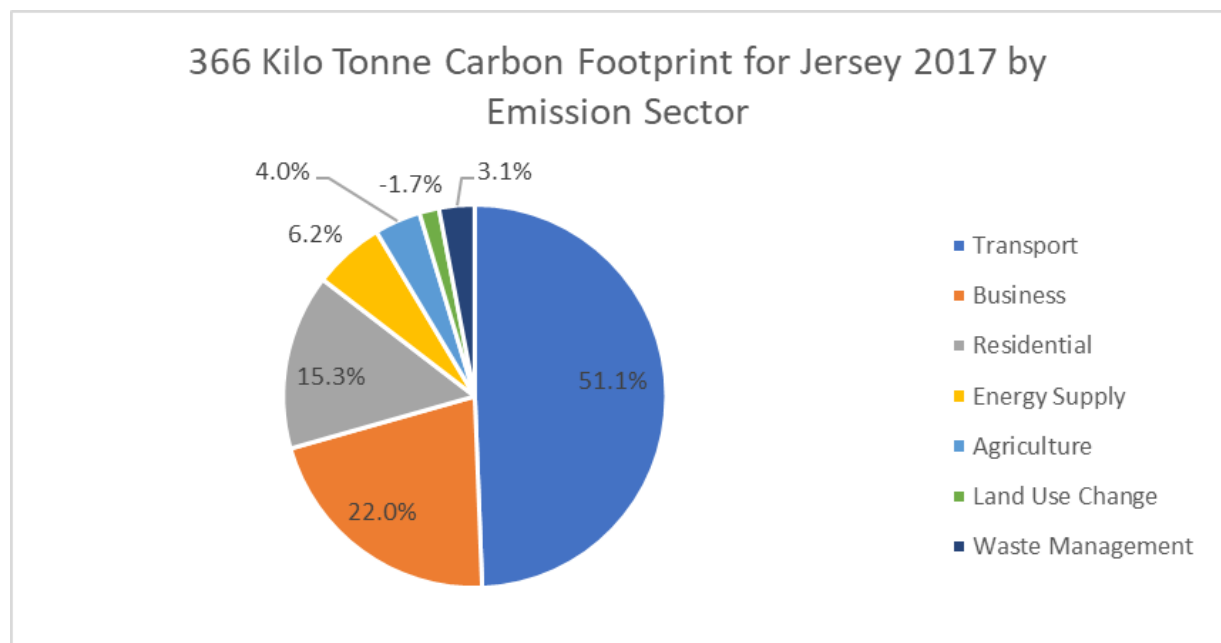


2.2 The proposition required our Constable John Le Maistre to prepare a plan outlining how carbon neutrality will be achieved in both the municipality and in the parish community by individuals and businesses. This plan was required to be completed and approved at Parish Assembly by 31st December 2019.

2.3 The Grouville proposition followed on from Project 02/2019 that Deputy Rob Ward took to the Parish of St Helier on March 27th 2019, and P27 that the States Assembly approved on 2nd May 2019. St Brelade commenced their climate emergency project on 16th July, and it is anticipated that both St Saviour and St Clement will establish climate emergency action working groups. On 6th November, Sarah Howard was invited to attend the St Brelade climate emergency group who have agreed to build upon this report. It is clear that Constables Collaboration projects (see section 5.3.3 of the report) are a key enabler to a bottom up approach which both reflects the voice of the community whilst also facilitating individual behavioural change.

2.4 Aether UK have been commissioned by Growth Housing and Environment to calculate the Island's carbon footprint. The parish action working group have utilised this analysis to estimate a target carbon reduction of 2.80 kilo tonnes of carbon emissions for 2020 and 16.80 kilo tonnes over the next 6 years to achieve carbon neutrality in the parish. It should be noted that we do not know the change in the Island's carbon footprint since 2017. Also, achievement of this reduction is dependent upon policy support from the Government of Jersey (GOJ) and all parishes, businesses and islanders working toward their own carbon footprint reduction.

Figure 2 Jersey's Carbon Footprint 2017



Data source <https://www.aether-uk.com/Resources/Jersey-Infographic>

It should be noted that the graph above only incorporates scope 1 emissions, which means it excludes emissions from French electricity supply (scope 2 emissions) and carbon emissions from imported goods (scope 3 emissions). See section 5.3.6 of the report for more detail.

- 2.5 The pie chart indicates that transport, defined by Aether¹ as aviation, road and other, represents 51% of total Island carbon emissions. This must be a priority focus for Grouville in 2020. The parish should also prioritise business (Commercial, air conditioning, refrigeration and other) and residential (domestic and other) emissions. Waste Management represents carbon emissions from wastewater treatment which the Parish cannot influence, and therefore that been excluded from the Grouville carbon footprint estimates.
- 2.6 An action working group was established following the proposition and had 7 meetings between August and December. The group was made up of the parish Constable, Deputy and self-elected members with an interest from the community; a people's assembly, reflecting the voice of the Grouville community. See section 4 of the report for more detail.
- 2.7 This report becomes the first Climate Emergency Implementation Plan to achieve carbon neutrality in Grouville targeting 2.80 kilo tonnes of carbon emissions for 2020. It comprises 4 climate emergency pillars – Quick wins, Education Programme, Constables Collaborations and Report Recommendations - with 27 projects and 23 report recommendations. This is only the beginning of an ongoing carbon planning and reduction planning cycle to ensure carbon neutrality is met and a 1.5-degree Celsius pathway achieved to secure a future for our children and grandchildren.

¹ https://www.aether-uk.com/Aether/media/PDFs/Aether_UserGuide_1990-2017.pdf

Figure 3 - Four Pillars & their definition



2.7.1 The table below (Figure 4 - Estimated carbon emission reduction by Grouville Project) identifies the projects that are anticipated to impact the carbon footprint for the Parish of Grouville. Key projects that are likely to show a big impact on carbon reduction are:

2.7.1.1 *Green Lanes Network – Constables Collaboration Pillar.*

2.7.1.2 *Raise awareness of existing cycle paths in the parish and encourage their use, e.g. walk to school, walk to the shops & take a walk in nature – Education Programme Pillar.*

2.7.1.3 *The current Jersey carbon footprint problem related to transportation, potential solutions and how it will impact the parish community – Education Programme Pillar.*

2.7.1.4 *Circulating the carbon footprint of local businesses to parishioners for informed buying decisions - Education Programme Pillar.*

2.7.1.5 *How to calculate your carbon footprint & compare it to global footprint recommendations.*

Report of the Grouville Parish Climate Emergency Action Working Group

2.7.2 To put this carbon emission reduction into Grouville parishioner perspective, this represents 3.4 tonnes per parishioner over 6 years or 0.6 tonnes per annum. In terms of car transport this equals 3,000 miles per annum in a post 2015 petrol small car², similar to a Ford Ka.

Figure 4 - Estimated carbon emission reduction by Grouville Project

Projects By 2017 Sector 1 Carbon Footprint Impact	Pillar	2020 to 2025 Target Carbon reduction 80%	Annual Target Carbon Reduction 80%	2020 to 2025 Target Carbon reduction 100%	Annual Target Carbon Reduction 100%
Agriculture					
Community Growing	Quick Wins	0.56	0.09	0.70	0.12
Don't waste food	Quick Wins				
Island wide garbage guzzler to recycle food waste	Constables Collaborations				
Locally Grown Food	Quick Wins				
Reduction of the use of pesticides and chemicals through regenerative gardening for parishioners	Education Programme				
Rezoning of Greenfields for the Island Plan	Constables Collaborations				
Understanding what our local farmers are doing to reduce the use of chemicals on the soil and nitrate levels in our local water	Education Programme				
Business					
Circulating the carbon footprint of local businesses to parishioners for informed buying decisions	Education Programme	3.04	0.51	3.81	0.63
Island wide kerbside recycling	Constables Collaborations				
Mending & Fixing	Quick Wins				
Recycle better and more education on cirde economy	Quick Wins				
Recycling in the Parish of Grouville and setting targets for parishioners for plastic, cardboard and tins	Education Programme				
Reduce, Re-use & Recycle	Education Programme				
Land Use Change					
Beach cleans, Lane cleaning & Adopt a lane	Quick Wins	-0.24	-0.04	-0.30	-0.05
How to create nature friendly environments	Education Programme				
Pollinator Patches/Pollinator seed packs	Quick Wins				
Sponsor Green Space	Quick Wins				
Tree Planting	Quick Wins				
Understanding the importance of planting trees	Education Programme				
Residential					
Domestic Use of Seaweed as fertilisers	Quick Wins	2.12	0.35	2.66	0.44
How to calculate your carbon footprint and compare it to global footprint recommendations	Education Programme				
Transport					
Green Lanes network	Constables Collaboration	7.09	1.18	8.86	1.48
Raise awareness of existing cycle paths in the parish and encourage their use e.g. walk to school, walk to the shops & take a walk in nature.	Education Programme				
The current Jersey carbon footprint problem related to transportation, potential solutions and how it will impact on street parking in the Parish	Education Programme				
Energy Supply					
How to save energy consumption through using free energy surveys	Education Programme	0.86	0.14	1.08	0.18
Wear more clothes instead of turning on heating, turn thermostat down, and education on how to save money on energy at home	Quick Wins				
Total Carbon Reduction Targeted by Grouville Action Plan Projects		13.44	2.24	16.80	2.80

² <https://www.carbonfootprint.com/calculator.aspx>

- 2.8 The aim of the Grouville proposition was to reflect the voice of the local community, reflective of all age groups, but most importantly the younger generation who will have to live with the consequences of decisions and actions taken today. This plan must be mirrored in policy decisions made at a States Assembly level to address the climate emergency and it is incumbent on our States member representatives – our Constables, Deputies and Senators - to reflect the voice of the community in their States Assembly voting.
- 2.9 Carbon accounting is at the very earliest stages of development, but it must evolve quickly to respond to the needs of the global climate crisis. The GoJ must encourage local businesses to disclose their carbon footprint and encourage individuals to calculate their own carbon footprint which will result in the largest behavioural changes. See section 5.3.5 of the report for further details.
- 2.10 Grouville will launch their Education programme in the Spring with an Environmental Grouville event on 21st March, 2020. Ongoing education will be implemented through social media channels, BBC Radio Jersey, JEP, Grouville Gazette, Environmental Grouville website.
- 2.11 The 5 Constables Collaboration topics should be discussed and evaluated through peoples assemblies, where each Constable calls a representative group of parishioners to discuss and make recommendations which represent the voice of the community; as has been done in the preparation of this report.
- 2.12 The quick wins projects will continue to be implemented by project leads. See Appendix E for Project Initiation Documents (PIDs).
- 2.13 The next steps in relation to implementation are listed in section 6.

2.14 The GoJ have issued a number of reports which reference or impact our climate emergency, with a Carbon Neutral Strategy due by Dec 2019:

Tackling the Climate Emergency – Initial report issued July 2019,

Sustainable Transport Policy

Eco Active Pathway 2050

Island Plan 2021-2030

Shoreline Management Plan

South West of St Helier Masterplan

Government Plan 2020-2023

It is vital that the carbon neutral strategy is joined up with all other government strategy and policy developments, and that they align with the demands of the community; particularly our younger people who are represented, as a first steppingstone, in this report

2.15 Jersey has a small population of just over 100,000, which makes it statistically significant as a climate change testbed. The Island also holds a history of innovation, adapting to the needs of the global economy. Through this report, produced as a result of the action working groups in Grouville, we have launched the possibility of a coalition of parishes committed to developing bottom up climate plans that represent the voice of the whole community, implementing change and working to achieve net zero emissions by 2025-2030. In this way, we are demonstrating democracy in action. This supports our Government and its elected leaders in taking the difficult decisions that are necessary to achieve a 1.5 degree Celsius pathway and shine the light on Jersey as a vanguard for climate change.

3 Background

- 3.1 At a Parish Assembly on 10th July 2019, a 'Climate Change Emergency' proposition was presented to and approved by the Parish Assembly. The proposition reads: "to agree, as proposed by Sarah Howard, Parishioner of Grouville, that the Parish of Grouville should declare a climate change emergency and aim to be carbon-neutral by 2025-2030. That the Constable be requested to draw up a plan to achieve this for presentation to the Parish Assembly by the end of 2019. To endorse the proposition of Sarah Howard and to request the Constable to advise the Parish Deputy and Senators of the decision of the Parish Assembly."
- 3.2 In addition to the approval of the Project, the minutes of the Assembly record that the Constable intended to set up an action working group whose role would be to draw up a plan for presentation to a Parish Assembly before the end of 2019, and to establish baseline data in respect of the Grouville Municipality carbon footprint.
- 3.3 The scope of the plan fell into two parts:
- 3.3.1 to consider and identify how the activities and services provided by the Parish can aim to become carbon-neutral by 2025-2030.
 - 3.3.2 To consider and identify how the Parish of Grouville can influence, educate and encourage those that work, visit and live in the Parish to also become carbon neutral by 2025-2030.

3.4 The purpose of the action working group was to oversee the development and output of the objectives of the Climate Emergency Proposition to:

- 3.4.1 Guide and oversee the development, preparation and presentation of a plan that sets out how the parish can aim to become carbon-neutral by 2025-2030.
- 3.4.2 To take urgent steps to inform all parishioners and businesses in Grouville about the severity of the crisis.
- 3.4.3 To take urgent action to mobilise and support all parishioners and businesses in Grouville to create “the conditions in which bottom-up initiatives flourish and islanders support each other to change their behaviours and adapt to lower carbon lifestyles as quickly as possible but no later than 2025-2030.”
- 3.4.4 Oversee work to establish Grouville Municipality current carbon footprint.
- 3.4.5 Support the presentation of this information to Parish Assembly during 2019.

3.5 The action working group meetings were chaired by the Constable and his alternate, Procureur John Lamy. They were attended by the Parish Deputy and comprised self-nominated parishioners (see list of members in Appendix B) who wanted to contribute; in this way the group recognised itself as a Peoples Assembly. The proposition proposer, Sarah Howard, facilitated the action working group meetings. The Constable co-opted Jane Burns from Eco active to join the action working group.

3.6 The Terms of Reference charged the group with delivering a report divided into three key elements:

- 3.6.1 The current carbon footprint of Parish Municipality activities and services.
- 3.6.2 A programme of work that aims to deliver Parish activities and services with carbon neutrality by 2025-2030. This report is to include indicative implications, in terms of carbon footprint, finance, workforce, legal and existing policies.
- 3.6.3 The steps taken and proposed by the Parish to take urgent steps to inform, educate and mobilise support from all parishioners and businesses in Grouville to create “the conditions in which bottom-up initiatives flourish and islanders support each other to change their behaviours and adapt to lower carbon lifestyles as quickly as possible but no later than 2025-2030.”

4 Approach

4.1 The Parish Assembly requested that the Constable present the report by the end of 2019. To achieve this, the following meetings³ were held:

4.1.1 19th August 2019: Preparatory Meeting attended by Constable John Le Maistre, Deputy Caroline Labey, Sarah Howard. At this meeting dates of action working group meetings and draft Terms of Reference (See Appendix C – Terms of Reference) were agreed. Additionally, 4 main themes for the third part of the final report - inform, educate and mobilise support from all parishioners and businesses in Grouville to create the conditions in which bottom-up initiatives flourish and Islanders support each other to change their behaviours and adapt to lower carbon lifestyles as quickly as possible but no later than 2025-2030 – were identified, and more clearly defined in a Quick Wins Meeting on 30th September (see 3.1.3 below) as follows:

- 4.1.1.1 *Quick Wins – projects that could be implemented quickly to start the change momentum.*
- 4.1.1.2 *Education Programme – to raise awareness of the climate emergency and encourage the Grouville community to change behaviours which reduces the carbon footprint in the parish.*
- 4.1.1.3 *Constables Collaborations – Themes which cross all parishes and require parishioner engagement to gauge the voice of the community for reflection in cross parish activity and Government of Jersey Policy.*
- 4.1.1.4 *Report Recommendations – Themes where the Constables have limited control over the issue and Government of Jersey policy is required.*

4.1.2 16th September 2019: Action Working Group 1, attended by Procureur Lamy, Sarah Howard, self-nominated parishioners with an interest (see Appendix B), Jane Burns – Eco Active, and John Baker – POSH. This meeting agreed the final terms of reference (See Appendix C – Terms of Reference), established the working group, and agreed the projects using the output of POSH action working groups plus additional projects identified as important for the Grouville action working group. These 78 projects were grouped by each attendee into the 4 report themes, some overlapping, now referred to as “the 4 pillars”, and subdivided into the project topics identified by Environmental Grouville Facebook group as important in the run up to the proposition (See Appendix D – Action Working Group 1 Output).

³ All meeting agendas and minutes can be found on the Environmental Grouville website

4.1.3 30th September 2019: Quick Wins Meeting, attended by Procureur Lamy, Sarah Howard, self-nominated parishioners with an interest (see Appendix B), Jane Burns – Eco Active, and John Baker – POSH. At this meeting the 4 pillars criteria were determined (Figure 1 Four Pillars Definitions) which supported the refinement of the 21 action working group 1 quick wins projects (see Appendix D - Action Working Group 1 Output) and finalisation of the 12 Grouville Quick Wins Projects and project leads.

Figure 5 Four Pillars Definitions



- 4.1.4 7th October 2019: Action Working Group 2 attended by Constable John Le Maistre, Deputy Caroline Labey, Sarah Howard, self-nominated parishioners with an interest (see Appendix B), Jane Burns – Eco Active, John Baker – POSH, Andrew Le Quesne POSS. At this meeting Deputy Labey updated the group about her progress on cycle tracks and GoJ topics relevant to the Grouville Action Working Group. It was noted that Deputy Labey would be briefing the Comité des Connétables in December and that this linked to the Green Lanes Network project identified by the Grouville Climate Emergency Action Working Group within Constables Collaborations (see section 5.3.3). The meeting also had an update from each of the quick wins project leads, and a recommendation was made to the Constable by Mark Dawson that the Parish rates be increased to fund climate emergency initiatives.
- 4.1.5 23rd October 2019: Constables Smaller Working Group, attended by Constable John Le Maistre, Sarah Howard and James Howard to refine and finalise the original action working group 1 39 Climate Emergency Education and the 24 Constables Collaborations long list projects to 7 education themes (Figure 4 - Education Programme) and 5 Constables Collaboration topics (Figure 5 - Constables Collaborations Topics)
- 4.1.6 4th November 2019: Action Working Group 3, attended by Constable John Le Maistre, Deputy Caroline Labey, Sarah Howard, self-nominated parishioners with an interest (see Appendix B), Jane Burns – Eco Active. The meeting agreed that the final report needed to evaluate the impact that the Grouville projects would have on the parish carbon footprint. The group agreed in principle with the Grouville allocation of 5,000/105,500ths of the 2017 carbon footprint for the island, representing 4.7%.

Figure 5 below indicates that the Parish needs to take action to reduce 16.80 kilo tonnes of carbon emissions over the period 2020 to 2026, or an average reduction of 2.80 tonnes per annum, to become carbon neutral. The table also emphasises the key target area of Transport, defined by Aether⁴ as aviation, road and other, which represents 51% of total Island carbon emissions. This must be a priority focus for Grouville in 2020. The Parish should also prioritise business (commercial, air conditioning, refrigeration and other) and residential emissions (domestic and other) emissions. Waste Management represents carbon emissions from wastewater treatment which the Parish of Grouville cannot influence, and therefore that has been excluded from the Grouville carbon footprint estimates.

⁴ https://www.aether-uk.com/Aether/media/PDFs/Aether_UserGuide_1990-2017.pdf

Report of the Grouville Parish Climate Emergency Action Working Group

Figure 6 - Estimated Carbon Emissions for Grouville

Carbon Emissions by Sector Category per Aether data	Aether Report 2017		Jersey			Grouville		
	KTCO2e	%	Total 2017 emissions Jersey 100% reduction	Target reduction 80%	Final carbon emissions 2025-2030	Total 2017 emissions 100% reduction Grouville	Target reduction 80%	Final carbon emissions 2025- 2030
Transport	186.88	51%	186.88	149.504	37.38	8.86	7.09	1.77
Business	80.31	22%	80.31	64.248	16.06	3.81	3.04	0.76
Residential	56.04	15%	56.04	44.832	11.21	2.66	2.12	0.53
Energy Supply	22.70	6%	22.70	18.160	4.54	1.08	0.86	0.22
Agriculture	14.81	4%	14.81	11.851	2.96	0.70	0.56	0.14
Land Use Change	-6.27	-2%	-6.27	-5.018	-1.25	-0.30	-0.24	-0.06
Total Influencable By Grouville Parish	354.47	97%	354.47	283.578	70.89	16.80	13.44	3.36
Waste Management	11.39	3%	11.39	9.110	2.28			
Total Carbon Footprint for Jersey 2017	365.86	100%	365.86	292.687	73.17			

- 4.1.7 The group allocated each of the agreed projects against the 2017 carbon footprint that they believed it would impact. It should be noted that this may not be an accurate target because we do not know the change in the carbon footprint since 2017. Also, achievement of this reduction is dependent upon policy support from the Government of Jersey (GOJ) and all parishes, businesses and Islanders working toward their own carbon footprint reduction.

From this, the report recommendations for implementation by GoJ to support the success of the Grouville action plan implementation were evaluated.

At this meeting it was also decided to launch the Education programme in the Spring with an Environmental Grouville event on 21st March, 2020. Ongoing education will be implemented through social media channels, BBS radio Jersey, JEP, Grouville Gazette, Environmental Grouville website.

- 4.1.8 2nd December 2019: Action Working Group 4, attended by Constable John Le Maistre, Deputy Caroline Labey, Sarah Howard, self-nominated parishioners with an interest (see Appendix B), Jane Burns – Eco Active. The first draft of this report was presented. It was agreed that it could be finalised by email circulation.

5 Findings

This section of the report delivers the 3 outputs required by the proposition at paragraph 3.6 above

5.1 Current Carbon Footprint of Grouville Municipality

John Le Maistre insert

5.2 Programme of Work to Deliver Municipality Carbon Neutrality by 2025-2030

John Le Maistre insert

5.3 Steps taken and proposed by the parish to inform, educate and mobilise support from all parishioners and businesses in Grouville to create bottom-up initiatives to change behaviours and adapt to lower carbon lifestyles as quickly as possible, but no later than 2025-2030. The 7 Grouville Climate Emergency Action Working Group (GCEAWG) meetings have resulted in:

5.3.1 12 Quick wins projects with 8 projects having leads identified and project initiation documents (PIDs) prepared (see Appendix E – Project Initiation Documents)

Figure 7 - Quick Wins Projects

Quick Win Project	Lead
Domestic use of seaweed as fertilisers	Jane Simpson
Locally Grown Food	Gillian Samson & Tina Risebrow
Tree Planting	Mark Dawson
Beach cleans, lane cleaning & adopt a lane	Tom Coles
Recycle better and more education on circle economy	James Howard (with expert input from Emma Richardson-Caldine, Growth Housing & Environment)
Don't waste food	Christine Garnier
Mending & Fixing	Arie Uittenbogaard (with expert input from Jane Burns, EcoActive)
Grouville Climate Emergency Web site	Simon Harrison
Sponsor Green space	
Pollinator patches/Pollinator seed packs	
Wear more clothes instead of turning on heating, turn thermostat down, and education on how to save money on energy at home	
Community Growing	

5.3.2 11 Education Programme Themes which will be launched at an Environmental Grouville event on 21st March 2020.

Figure 8 - Education Programme

Education Programme Projects
Reduction of the use of pesticides and chemicals through regenerative gardening for parishioners
Understanding what our local farmers are doing to reduce the use of chemicals on the soil and nitrate levels in our local water
Circulating the carbon footprint of local businesses to parishioners for informed buying decisions
Understanding the importance of planting trees
How to create nature friendly environments
How to calculate your carbon footprint and compare it to global footprint recommendations
How to save energy consumption through using free energy surveys
The current Jersey carbon footprint problem related to transportation, potential solutions and how it will impact on street parking in the Parish
Reduce, Re-use & Recycle
Recycling in the Parish of Grouville and setting targets for parishioners for plastic, cardboard and tins
Raise awareness of existing cycle paths in the parish and encourage their use e.g. walk to school, walk to the shops & take a walk in nature.

5.3.3 4 Constables Collaborations topics to be progressed by the Comité des Connétables

Figure 9 - Constables Collaborations Topics

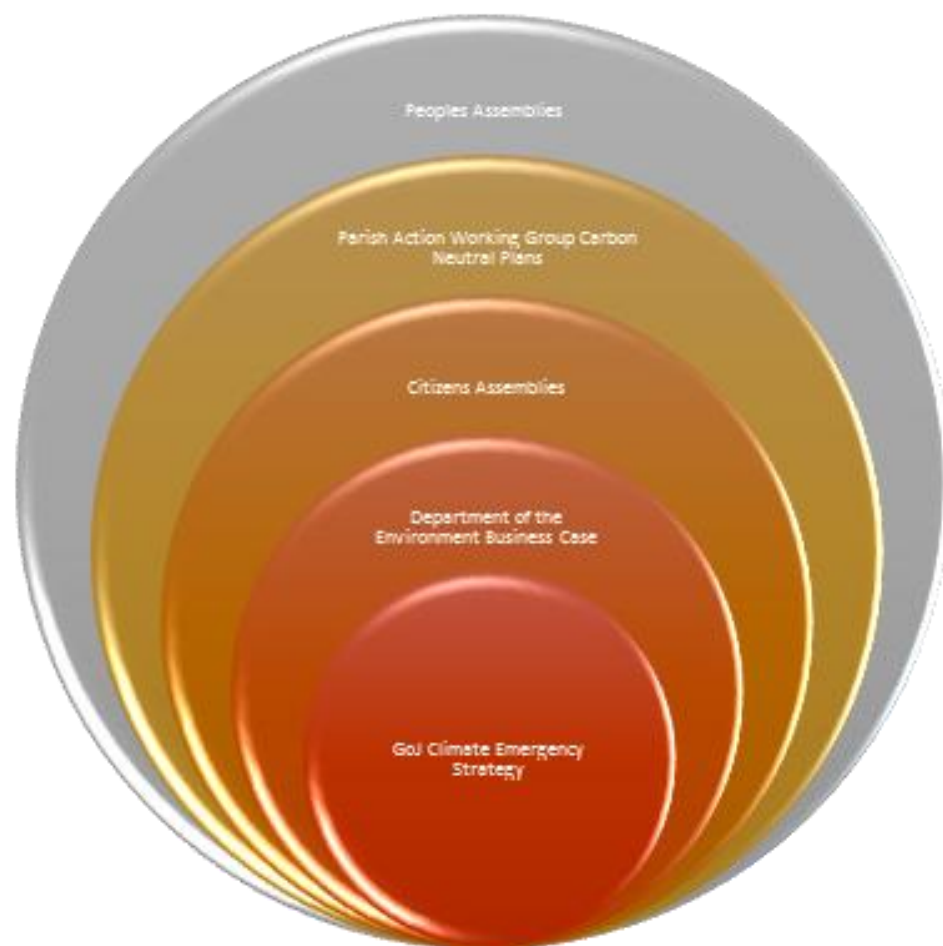
Project
<p>1. Report of the Grouville Climate Emergency Action Working Group to be presented to Comité des Connétables.</p> <p>The aim is to inspire all other parishes through their Constables to adopt and further develop this report to achieve carbon neutrality on a bottom up basis starting NOW!</p>
<p>2. To review and consider the necessity for rezoning of greenfields in the Island Plan.</p> <p>This is an important topic for the whole community given the need to improve Island biodiversity, sequestration of carbon and reconnect to nature. Our collective community voice will drive innovation and find good solutions.</p> <p>This project is linked to the need for a population policy, included in the report recommendations.</p>
<p>3. Expand and Enforce the green lanes network across the whole Island.</p> <p>This Grouville initiative is being led by Deputy Carolyn Labey and supported by Peter Hargreaves, parishioner of Grouville and representative of Cycle4Jersey. It will be the first of the Constables Collaborations to be initiated in the January meeting of the Comité des Connétables. The current system must be expanded and connect with Green Lanes in adjoining parishes. A whole Island peoples assembly should be called by our Constables to determine this network. It must be supported by:</p> <ul style="list-style-type: none"> • A sustainable transport policy - generally to be promoted, cycling, buses and walking given preference/ priority over vehicles in all except limited States Main Roads. • Restriction and/or pricing of on road parking. • Parking for teachers, parents etc to be cut progressively at Island schools, priority given to speed control, road crossings etc and for non- car alternatives. The questions of each school to be addressed in turn e.g. Grouville School and Le Rocquier, recognising and rewarding non car access, penalising delivery & collection by car. • A general change of law so one-way signs do not apply to cyclists. • Each parish considering how it may want to improve its current network, for example in Grouville: <ul style="list-style-type: none"> ○ Urgent expansion of the Eastern Cycle Route and links to town. ○ Improved connectivity/rights of access of the Promenade at Grouville with the Island Bike Network. ○ Consider board walks at the north end of the Grouville Golf Course to ensure a complete route along Grouville's superb coastline.

4. Identify the most carbon and cost-efficient solution for Island wide refuse and recycling.

This project is likely to require an understanding of the refuse and recycling processes for each parish with the aim of identifying the most carbon and cost-efficient solution for each parish. It must result in an implementation plan to be delivered within the next 5 years, but clearly targeting short (within 12 months) medium term (2 to 3 years) and longer term (3-5 years) objectives so that steady progress is made. This project should consider the benefits or otherwise of an Island wide garbage guzzler to compost food waste, and Island wide kerbside recycling.

It is recommended that peoples assemblies are convened, where each Constable calls a representative group of parishioners to discuss and make recommendations representing the voice of the Island wide community; as has been done in the preparation of this report. People's assemblies should not be confused with citizen's assemblies which are a central government tool to evaluate policy making via a jury service type assembly of individuals selected randomly through the population. The members of the citizens assembly hear evidence from expert witnesses covering the topics that government want the citizens assembly to decide upon.

Figure 10 - Indicative Governance for the Climate Emergency, Bottom up and Top Down



5.3.4 The Grouville group has identified 23 Report Recommendations. The recommendations require GoJ policy to enforce behavioural changes which achieve carbon neutrality.

Report recommendations

Final Report Recommendations by Environmental Grouville Themes	
Agricultural Policy	
1.	Support farmers to make the right decisions to improve biodiversity, including soil improvement.
2.	Support farmers improve soil microbes through cover crops and rotation, evidenced through continuous and published soil testing.
3.	Encourage farmers to grow more diverse crops to support locally sourced food.
Central Government Policy and Laws	
1.	Publish nitrate levels in our water table, and where they come from.
2.	Sustainable Population Policy to be delivered without further delay.
3.	Local businesses required to publish their carbon footprint.
4.	Fiscal measures to tax businesses and individuals importing food and goods with heavy carbon footprints.
5.	Carbon neutral homes to be compulsory for all new builds in Planning Law.
6.	Consistency across all government policies which align to reduce the Island's carbon footprint.
7.	Planning legislation to be enforced and expanded, including penalties for tree felling etc to be punitive and, if breached, providing a source of Revenue for Green reinstatement.

8. Interest free loans for householders to retrofit energy efficient, carbon neutral homes.
Ecosystem Recovery Policy
1. GoJ subsidies for local organisations planting trees and targeted biodiversity improvement.
2. Encourage Jersey Finance to lead the way globally in sustainable investments which divest from the top 100 companies responsible for 71% of global emissions.
Green Energy Policy
1. GoJ to support updated law improvements in renewable energy.
2. Investigating GoJ owned grid and allow competition to JEC.
Recycling Policy
1. Ban single use plastics.
2. Enforce recycling of cardboard, tins, plastics and clothes.
3. Review recycling contracts and evaluate whether income can be generated to part fund the cost of recycling.
Transport Policy
1. Sustainable transport policy within the Island to consider subsidised bus and/or taxi transport.
2. Develop schemes to support/encourage car sharing.
3. Encourage electric car and bike pool clubs.
4. Develop corporate contracts to enhance boat connections that link into the Eurostar connectors through Europe.
5. Make use of combustion engine cars cost prohibitive by fiscal and other measures, e.g. raising fuel duty, raising parking charges, luxury/large car tax (over 1.4 ltr engine), congestion charging.

5.3.5 To be able to evaluate the success of the implementation of the projects a first, very high level, estimate of the carbon emissions of the parish was derived, based upon a population of 5,000 residents. It is anticipated that over time, calculation of a more accurate carbon footprint for the parish will emerge as carbon accounting becomes embedded globally.

Carbon accounting is pivotal in the reduction of global emissions. In October 2018 the UK Government approved The Companies (Directors' Report) and Limited Liability Partnerships (Energy and Carbon Report) Regulations 2018, introducing new carbon and energy reporting requirements for quoted companies, large companies and large LLPs⁵. These regulations came into effect on 1st April 2019. Under the new rules, quoted companies are now required to report (within the directors' report) on their global energy use in addition to the existing requirements for such companies to provide details of their greenhouse gas emissions. Furthermore, they will be required to disclose the proportion of emissions and energy consumed in the United Kingdom and offshore area, as well as describing any measures taken to enhance energy efficiency. Large unquoted companies and large LLPs will be required to provide information on their UK energy use, the associated greenhouse gas emissions relating to gas, electricity, and transport, an intensity ratio, and any energy efficiency measures taken. Overseas emissions and energy consumption are excluded from these requirements. For companies this information will be included in the directors' report, and for LLPs, in a 'carbon and energy report' which will form part of the annual report. LLPs will also be required to include a list of their members within the new carbon and energy report.

Carbon accounting is at the very earliest stages of development, but it must evolve quickly to respond to the needs of the global climate crisis. The GoJ must encourage local businesses to disclose their carbon footprint and encourage individuals to calculate their own carbon footprint which will result in the largest behavioural changes.

- 5.3.6 Definitions of scope 1, 2 and 3 emissions are very important to understand in relation to the carbon footprint of the Island of Jersey. As a signatory of the Kyoto Protocol the GoJ reports on Scope 1 emissions as an island. Jersey emitted 365,581 tonnes of greenhouse gases into the atmosphere in 2017, which is equivalent to 3.5 tonnes per person (based on population of 105,500 in 2017). The GoJ does not currently report scope 2 or 3 emissions. It is important to note that carbon emissions are expressed as tCO₂e. The Island needs to become greenhouse gas neutral, presented as kilotonnes of carbon dioxide equivalent.

Scope 1 - Direct greenhouse gas emissions are those generated on Island and reflected in the Aether data.

Scope 2 - Greenhouse gas emissions are those from purchased French contract electricity supplied to GoJ, municipality, businesses and Islanders. These emissions are accounted for by the country that generates the electricity (France). It is important to note that the proportion and amount of our carbon emissions that are accounted for

⁵ <https://ion.icaew.com/financialreporting/b/weblog/posts/new-carbon-and-energy-reporting-requirements>

in French Scope 1 emissions will increase as we transition to, and increase, electricity use.

Scope 3 – Indirect greenhouse gas emissions are those associated with the manufacture and transport of the goods and services we consume but that occur at sources owned or controlled by another country. This includes full life cycle emissions throughout the supply chain, including those associated with end of life recycling and/or disposal. Scope 3 emissions are driven by the choices and behaviours, but are accounted for as Scope 1 emissions in the country in which the emissions were generated. These are very difficult to measure on a parish or Island wide basis. Examples might include the energy that was used to manufacture your PC in China, the burning of marine diesel to ship a pack of tomatoes from Spain to Jersey, or the aviation fuel consumed on your flight from Gatwick to Italy.

The projects identified by Grouville will impact scope 1, 2 & 3 emissions, but currently we can only evaluate their impact on scope 1 emissions.

5.3.7 Figure 11 below identifies the projects that are anticipated to impact the carbon footprint for the Parish of Grouville. Key projects that are likely to show a big impact on carbon reduction are:

- 5.3.7.1 *Green Lanes Network – Constables Collaboration Pillar.*
- 5.3.7.2 *Raise awareness of existing cycle paths in the parish and encourage their use, e.g. walk to school, walk to the shops and take a walk in nature – Education Programme Pillar.*
- 5.3.7.3 *The current Jersey carbon footprint problem related to transportation, potential solutions and how it will impact the parish community – Education Programme Pillar.*
- 5.3.7.4 *Circulating the carbon footprint of local businesses to parishioners for informed buying decisions - Education Programme Pillar.*
- 5.3.7.5 *How to calculate your carbon footprint and compare it to global footprint recommendations.*

Figure 11 - Grouville Projects by Aether Sector

Report of the Grouville Parish Climate Emergency Action Working Group

Projects By 2017 Sector 1 Carbon Footprint Impact	Pillar	2020 to 2025 Target Carbon reduction 80%	Annual Target Carbon Reduction 80%	2020 to 2025 Target Carbon reduction 100%	Annual Target Carbon Reduction 100%
Agriculture					
Community Growing	Quick Wins	0.56	0.09	0.70	0.12
Don't waste food	Quick Wins				
Island wide garbage guzzler to recycle food waste	Constables Collaborations				
Locally Grown Food	Quick Wins				
Reduction of the use of pesticides and chemicals through regenerative gardening for parishioners	Education Programme				
Rezoning of Greenfields for the Island Plan	Constables Collaborations				
Understanding what our local farmers are doing to reduce the use of chemicals on the soil and nitrate levels in our local water	Education Programme				
Business					
Circulating the carbon footprint of local businesses to parishioners for informed buying decisions	Education Programme	3.04	0.51	3.81	0.63
Island wide kerbside recycling	Constables Collaborations				
Mending & Fixing	Quick Wins				
Recycle better and more education on circle economy	Quick Wins				
Recycling in the Parish of Grouville and setting targets for parishioners for plastic, cardboard and tins	Education Programme				
Reduce, Re-use & Recycle	Education Programme				
Land Use Change					
Beach cleans, Lane cleaning & Adopt a lane	Quick Wins	-0.24	-0.04	-0.30	-0.05
How to create nature friendly environments	Education Programme				
Pollinator Patches/Pollinator seed packs	Quick Wins				
Sponsor Green Space	Quick Wins				
Tree Planting	Quick Wins				
Understanding the importance of planting trees	Education Programme				
Residential					
Domestic Use of Seaweed as fertilisers	Quick Wins	2.12	0.35	2.66	0.44
How to calculate your carbon footprint and compare it to global footprint recommendations	Education Programme				
Transport					
Green Lanes network	Constables Collaboration	7.09	1.18	8.86	1.48
Raise awareness of existing cycle paths in the parish and encourage their use e.g. walk to school, walk to the shops & take a walk in nature.	Education Programme				
The current Jersey carbon footprint problem related to transportation, potential solutions and how it will impact on street parking in the Parish	Education Programme				
Energy Supply					
How to save energy consumption through using free energy surveys	Education Programme	0.86	0.14	1.08	0.18
Wear more clothes instead of turning on heating, turn thermostat down, and education on how to save money on energy at home	Quick Wins				
Total Carbon Reduction Targeted by Grouville Action Plan Projects		13.44	2.24	16.80	2.80

5.3.8 To put this carbon emission reduction into parishioner perspective, this represents 3.4 tonnes per parishioner over 6 years or 0.6 tonnes per annum. In terms of car transport this equals 3,000 miles per annum in a post 2015 petrol small car⁶, similar to a Ford Ka.

⁶ <https://www.carbonfootprint.com/calculator.aspx>

6 Next Steps

- 6.1 Constable John Le Maistre to present the report to the Grouville Parish Assembly on
- 6.2 The Constable and Deputy to implement the 4 pillars projects and work with the GoJ to implement policy to support the recommendations and other behaviour changes of all Islanders.
- 6.3 The Constable and Deputy to reflect the voice of the Grouville community presented in this report in the States Assembly and at Comite des Connetables meetings.
- 6.4 The remaining 4 Quick Wins Projects without PIDs or leads should be advertised in the next edition of the Grouville Gazette, on the Environmental Grouville website and the Environmental Grouville Facebook page, calling for parishioners to develop and lead the implementation of the project.
- 6.5 Skills required to implement projects identified in PIDs should be advertised in the next edition of the Grouville Gazette, on the Environmental Grouville website and the Environmental Grouville Facebook page, calling for parishioners with those skills to contact project leads directly.
- 6.6 Project leads should link in voluntary, community and charitable organisations who already provide elements of the skills required to fulfil elements of projects. In this way the Grouville Climate Emergency programmes link up to Island wide provision, and do not attempt to re-provide services already in existence.
- 6.7 A project lead, date and location need to be determined for the Environmental Grouville Climate Emergency event to launch the education programme on 21st March 2020.
- 6.8 Constable John Le Maistre and Deputy Caroline Labey take forward the report recommendations to the States Chamber or any other political forums where the subject matter is discussed, and represent the voice of the Grouville community in the development of relevant policy.

- 6.9 This report is merely the start of an ongoing cycle of planning, implementation and review which should take place annually. In this way, the pillars, projects and their implementation can be reviewed, adjusted and augmented to ensure achievement of carbon neutrality by 2025-2030 in the Parish of Grouville.

Appendix A – The Proposition

PROPOSITION

THE PARISHIONERS are asked to take into consideration and if deemed advisable:

to agree, as proposed by Sarah Howard, Parishioner of Grouville, that the Parish of Grouville should declare a climate change emergency and aim to be carbon-neutral by 2025. That the Constable be requested to draw up a plan to achieve this for presentation to the Parish Assembly by the end of 2019. To endorse the proposition of Sarah Howard and to request the Constable to advise the Parish Deputies and Senators of the decision of the Parish Assembly.

REPORT

Climate change should be considered the greatest long-term threat to our way of life, our future security and well-being.

Current action to combat the emissions of greenhouse gasses such as carbon dioxide and methane, and to ultimately fight anthropomorphic driven climate change, are based around the Paris Agreement (<https://unfccc.int/process-and-meetings/the-paris-agreement/the-paris-agreement>).

It has reached the point where, to achieve the goals set out during the Paris Agreement (i.e. “holding the increase in the global average temperature to well below 2°C above pre-industrial levels and pursuing efforts to limit the temperature increase to 1.5°C above pre-industrial levels”), we need to make a specific response.

The Paris Agreement was the best outcome that could be negotiated amongst all the nations of the world in a context where there is not yet a general understanding that an emergency response is possible. By definition the Paris Agreement, arising from a consensus of all the world’s governments, could not represent a leading-edge position, not least because it had to be signed off by countries that earn major export income from fossil fuels (e.g. Saudi Arabia, Australia). However one of the big achievements of the Paris Agreement was recognition, at last, that a +2°C temperature cap is not safe and not acceptable.

The Intergovernmental Panel on Climate Change’s (IPCC’s) Special Report on Global Warming of 1.5°C, published in October 2018, describes the enormous harm that a 2°C rise is likely to cause, compared with a 1.5°C rise, and confirms that limiting Global Warming to 1.5°C may still be possible. However, this is entirely dependent on ambitious action from national and sub-national authorities and others. (<https://www.ipcc.ch/2018/10/08/summary-for-policymakers-of-ipcc-special-report-on-global-warming-of-15c-approved-by-governments/>)

This makes clear that the Paris Agreement's best case temperature cap of +1.5°C will not:

1. prevent the Pacific and Indian Ocean atoll nations from being permanently flooded;
2. prevent permanent flooding of low-lying, heavily populated areas (Bangladesh, Vietnam, China, Egypt, etc. where over 100 million people live);
3. prevent the destruction of coral reefs around the world, including the Great Barrier Reef;
4. prevent the mobilisation of the huge carbon stores in the Arctic (which will cause the release of CO₂ and methane that could exceed the emissions from all fossil fuels so far);
5. provide food security; and provide a foundation for military security and positive peace. The impact on Jersey as a small island, and St Helier as its largest populated area, will be significant, long lasting, and life changing.

A report from January 2018 outlines some of the major risks to Jersey:

<https://www.gov.je/SiteCollectionDocuments/Government%20and%20administration/R%20Analysis%20of%20Future%20Jersey%20indicators%20that%20are%20at%20high%20risk%20from%20climate%20change%2020180323%20DM.pdf>

I will not list the risks as the report itself goes into them in detail. What would this proposition achieve?

This proposition would change the focus of the Parish of Grouville by including the issue of climate change onto the agenda of Parish meetings and into the process of producing the Parish plans. This will mean climate change impact is an integral feature of policy making. The targets set are not a ceiling to what we can achieve. Indeed, they are achievable and a key starting point for future actions. With a defined focus from the Parish of Grouville we have the opportunity to demonstrate to our population that we can take action for the future good of all Islanders. Our young people certainly need this assurance.

By our recognition of climate change as an emergency, we add our name to an ever-growing list of forward thinking jurisdictions that lead the way in climate action. The value of passing a specific proposition for delivering climate action is that it goes beyond business - as-usual and reform-as-usual. Special features of this mode are:

1. a very strong focus on the issue;
2. a strong priority for action and budgets relating to the issue;
3. delivery of solutions as a package (rather than piecemeal, incremental change);
4. delivery of solutions in a strong enough way to address future situations;
5. delivery of temporary protection and adaptation measures while prevention and restorative measures are put in place and while they achieve their full effect. This proposition enables policy makers to have climate change included as a key factor in their planning. It is time for us as a community, a parochial government and as citizens of the planet to have this consideration at the front and centre of our decision making. The legacy we leave for our children and beyond should be the measure of the success of the period of this parish.

The Parish of St Helier passed Project 02/2019 on 27th March 2019, aiming to be carbon neutral by 2025-2030. The Parish of St Helier have already held 2 Climate Change Working Group meetings, with the aim of having a plan for presentation before the end of 2019.

The Government of Jersey passed proposition P27 declaring a climate emergency on 2nd May 2019 with a commitment to carbon neutrality by 2030. The Government of Jersey are preparing to launch a consultation for a new Island Plan to be presented to the States in 2021. The outcome of the Parish of Grouville Climate Change Working Group meetings would represent the voice of Grouville Parishioners and must be form part of the working documents, along with all other parishes, in drawing together a government policy for the Island of Jersey to achieve carbon neutrality by 2025.

List of parishes in Jersey declaring a climate emergency:

- Parish of St Helier (Carbon neutral by 2025 – 2030)

List of councils declaring climate emergency (Principal) councils which have already passed motions declaring a Climate Emergency:

- Government of Jersey (Carbon neutral by 2030)
- Bradford Metropolitan District Council - (90% reduction in carbon emissions compared to 2005 levels by 2030)
- Brighton Hove City Council - (carbon neutral by 2030)
- Bristol City Council - (carbon neutral by 2030)
- Calderdale (no fixed target date)
- Cambridge City Council (no new target date, campaign continues to press for a more ambitious target)
- Carmarthenshire (zero carbon by 2030)
- Cheltenham (carbon neutral by 2030)
- Cornwall County Council - (carbon neutral by 2030)
- Forest of Dean District Council - (carbon neutral by 2030)
- Greater London Authority - (call for the Mayor to declare climate emergency)
- Hastings Borough Kirklees Metropolitan District Council - (carbon neutral in line with IPCC carbon targets)
- Lambeth Borough Council - (carbon neutral by 2030)
- Lancaster City Council - (carbon neutral by 2030)
- Leicester City Council - (carbon neutral by 2025-2030)
- Lewes D.C. Lewisham Borough Council
- Manchester City Council - (carbon neutral by 2038)
- Mendip District Council - (carbon neutral by 2030)
- Milton Keynes - (carbon neutral by 2030)
- North Somerset Council (net zero carbon by 2030)
- Nottingham City Council - (carbon neutral by 2028)
- Oxford City Council - (carbon neutrality target TBC)
- Reading Borough Council - (to pursue zero carbon by 2030, but 'this date can only be achieved with substantial policy changes from national government'. - final motion on last 2 pages of meeting agenda)
- Reigate and Banstead B.C. Scarborough Borough Council - (carbon neutral by 2030)
- Sheffield City Council - (carbon neutral asap)
- Somerset South Cambridgeshire Stroud District Council - (carbon neutral by 2030)
- Trafford Council - (carbon neutrality target TBC)
- Wiltshire County Council

Parish and town councils :

- Alnwick Town Council - (carbon neutral by 2030)
- Frome Town Council - (carbon neutral by 2030)
- Glastonbury Town Council - (carbon neutral by 2030)
- Ladock Parish Council - (carbon neutral by 2030)
- Langport Town Council - (carbon neutral by 2030)
- Machynlleth Town Council - (carbon neutral asap)
- Oswestry Town Council - (carbon neutral by 2030)
- Stithians Parish Council - (carbon neutral by 2030)
- Totnes Town Council - (carbon neutral by 2030)
- Tywyn Town Council - (carbon neutral as soon as possible)

More cities and Governments declaring a climate emergency can be found here:

<https://www.theclimatemobilization.org/city-by-city> Useful References
<https://www.campaigncc.org/climateemergency.shtml> <https://climateemergencydeclaration.org/>
https://royalsociety.org/topics-policy/projects/climate-change-evidence-causes/basics-of-climatechange/?gclid=Cj0KCQiAn4PkBRCDARIsAGHmH3cDWI29STgE8KzaXlxEAsQjojxlsMooFZ2d8sUeHJlBiWXe24ZMjQaArCQEALw_wcB
[https://www.gov.je/SiteCollectionDocuments/Government%20and%20administration/R%20Turning%20Point%20Report%20Contents%20and%20Chapter%201%20\(size%201.5mb\)%2020140822%20DM.pdf](https://www.gov.je/SiteCollectionDocuments/Government%20and%20administration/R%20Turning%20Point%20Report%20Contents%20and%20Chapter%201%20(size%201.5mb)%2020140822%20DM.pdf)

Financial and WoManpower impact of proposition.

The financial cost of this proposition is difficult to detail. Both in terms of pre-empting the contents of the Parish plans, and future policy. However, we have to consider the significant possible cost, both in financial and societal terms, of not taking this action. Staff time will be required but this can be minimised by including the consideration of climate change throughout the planning process.

Sarah Howard, Parishioner of Grouville

Appendix B – Participating Parishioners

Grouville Parishioner
Sarah Howard
Jane Simpson
Tom Coles
Arie Uittenbogaard
Susan de la Mare
Lindsay Robbins
Stephen Robbins
Nina Morgan
Michele Leerson
Derek Howard
Julie Wildbore-Hands
Mark Dawson
Gillian Samson
Tina Risebrow
James Howard
Jo Forrest
Christine Garnier
Simon Harrison
Susan Taylor
Robin Hart

1. Set Up and Authority

This document sets out the governance around the establishment and operation of a working group to develop a plan, which sets out how the Parish can become Carbon Neutral.

The authority of this group comes from the Constable, who has been charged by a Parish Assembly with producing and presenting this plan back to an Assembly by the end of 2019.

2. Background

At a Parish Assembly on 10th July 2019, Sarah Howard, Parishioner, presented a 'Climate Change Emergency'. The Assembly approved the Proposition reads: "to agree, as proposed by Sarah Howard, Parishioner of Grouville, that the Parish of Grouville should declare a climate change emergency, and aim to be carbon-neutral by 2025-2030. That the Constable be requested to draw up a plan to achieve this for presentation to the Parish Assembly by the end of 2019. To endorse the proposition of Sarah Howard and to request the Constable to advise the Parish Deputy and Senators of the decision of the Parish Assembly.

In addition to the approval of the Project, the minutes of the Assembly record that the Constable intended to set up a Working Party whose role will be to draw up a plan for presentation to a Parish Assembly before the end of 2019 and to establish baseline data in respect of the Grouville municipality carbon footprint.

This document sets out the Terms of Reference for the Working Group.

3. Purpose

The purpose of the working group is to oversee the development and output of the objectives of the Climate Emergency Proposition:

- a. Guide and oversee the development, preparation and presentation of a plan that sets out how the Parish can aim to become carbon-neutral by 2025-2030.
- b. To take urgent steps to inform all parishioners and businesses in Grouville about the severity of the crisis.
- c. To take urgent action to mobilise and support all parishioners and businesses in Grouville to create "the conditions in which bottom-up initiatives flourish and Islanders support each other to change their behaviours and adapt to lower carbon lifestyles as quickly as possible but no later than 2025-2030."
- d. Oversee work to establish Grouville municipality current carbon footprint.
- e. Support the presentation of this information to Parish Assembly during 2019

4. Scope

The scope of this project is captured in two elements:

- a. to consider and identify how the activities and services provided by the Parish can aim to become carbon-neutral by 2025-2030.
- b. To consider and identify how the Parish can influence, educate and encourage those that work, visit and live in the Parish to also become carbon neutral by 2025-2030.

5. Objectives

The objectives of the project are:

- a. Identify, as far as reasonably practicable, and document the current carbon footprint of Parish municipality activities and services. It is not intended to establish an indicative carbon footprint for the Parish as a whole.
- b. To take urgent steps to inform all parishioners and businesses in Grouville about the severity of the crisis.
- c. To take urgent action to mobilise and support all parishioners and businesses in Grouville to create “the conditions in which bottom-up initiatives flourish and Islanders support each other to change their behaviours and adapt to lower carbon lifestyles as quickly as possible but no later than 2025-2030.
- d. Produce a plan that sets out a programme of work that aims to deliver Parish activities and services with carbon neutrality by 2025-2030.

6. Membership

The Group will be chaired by the Constable, attended by the Parish Deputy and comprise self-nominated parishioners who wish to contribute to the project.

The Constable may co-opt others to join the Working Group as appropriate. The Constable can appoint an alternative in the event that he is unable to attend a meeting.

The Group may invite experts to attend to provide assistance to their discussions.

The proposition proposer, Sarah Howard, will attend meetings and facilitate the group.

The Parish Secretary will attend meetings and document the Group’s plan.

The Parish Secretary and other Parish staff, as required, will support the work of the Group, providing research, reports and advice.

7. Deliverables

The Group is charged with delivering its objectives (a to d) in the format of three key documents:

- a. A report that sets out the current carbon footprint of Parish municipality activities and services.
- b. A report that sets out a programme of work that aims to deliver Parish activities and services with carbon neutrality by 2025-2030. This report to include indicative implications, in terms of carbon footprint, finance, workforce, legal and existing policies.
- c. A report that identifies what steps have been taken and those that are proposed by the Parish to:
 - I. take urgent steps to inform all parishioners and businesses in Grouville about the severity of the crisis; and
 - II. take urgent action to mobilise and support all parishioners and businesses in Grouville to create “the conditions in which bottom-up initiatives flourish and Islanders support each other to change their behaviour and adapt to lower carbon lifestyles as quickly as possible, but no later than 2025-2030.”

8. Timeframe

The Parish Assembly requested that the Constable present the report by the end of 2019. To achieve this, the following key dates / milestones have been identified:

Date	Content
16th September 2019	Establish working group, agree projects, project leads and status.
7th October 2019	Review projects and draft plan.
4th November 2019	Review projects & working group 'sign off' of Plan.
2nd December 2019	Present report to Parish Assembly.

9. Communications

The Constable's Office will manage communications concerning the project and its progress. The Constable will lead on communication matters; other members are asked to refer all communications and media enquiries to the Constable. Communications and media releases will be included on the Working Group Agenda as necessary.

10. Resources

The project will be resourced by utilising existing staff within the parish and parishioners in the action working Group. Acknowledging that, in addition, some external expert advice may be needed.

Appendix D – Action Working Group 1 Output

Quick Wins by Grouville Themes
Agriculture
Use of seaweed as fertilisers
Locally Grown Food
Central Government Policy & Laws
Promote roof gardens
Ecosystem recovery
Sponsor land buy & tree planting
Plant orchards rather than non fruit producing trees
Competition/awards for corporate reductions, street reductions, community reductions individual reduction
Sponsor green space
Green Energy
Turn thermostats down
Wear more clothes instead of turning on heating
Reduce rates for carbon reduction
Grouville schools initiative
States to Reinstate insulation grants
Island Plan - provide smart energy meter e.g. Nest
How to save money on energy at home
Recycling
Purchase/rent or share POSH food dehydrator/garbage guzzler
Recycle better and more education
Employ someone to call on householders explaining what can be recycled by the Parish
Don't waste food
Composting on large scales (is this garbage guzzler?)
Kerbside recycling
Transport
Encourage participation walk to school, bike week and international green transport initiatives

Appendix D – Action Working Group 1 Output cont...

Community Education Programme By Grouville Themes
Agriculture
Use of compost tea to refertilise soil
Re-Gen farming
Give up farm chemicals go green
Discourage bad farming pesticides
Through States influence amount of artificial fertilizer, pesticides being used on Parish farms
Use of seaweed as fertilisers
Diversity cropping and rotation - is this re-gen farming?
Locally Grown Food
Central Government Policy & Laws
Encourage business to distribute carbon footprint list
Promote roof gardens
Break down of age groups within the parish (important to know)
Ecosystem recovery
Sponsor land buy & tree planting
Plant orchards rather than non fruit producing trees
Sponsor green space
Environment Bat friendly
Reduce street parking to create green space, play space, bike space etc.
Green Energy
Turn thermos down
Campaign to educate individuals to know their carbon footprint
Wear more clothes instead of turning on heating
Education
Reduce rates for carbon reduction
Check thermo loss in buildings
Grouville schools initiative
Energy survey as part of rates assessment
Island Plan - provide smart energy meter e.g. Nest
How to save money on energy at home
Recycling
Carbon pricing waste charge
Recycle better and more education
Employ someone to call on householders explaining what can be recycled by the Parish
Don't waste food
Educate on waste & recycling through door drop campaigns
Parish to provide compost facility where householders collect vegetable waste and take it to parish. Parish bill it back
Segregated public waste bins (like the ones on King street)
Know what happens to our waste and recycled items locally
Free water dispensers in Parish rather than bottled water
Transport
Encourage people to use buses, cycle and walk to work
Encourage participation walk to school, bike week and international green transport initiatives
Provide safer convenient walking routes to reduce car dependency
Scooters, boards & bikes

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Appendix D – Action Working Group 1 Output cont...

Constables Collaborations by Grouville Themes

Agriculture

Set aside area in parks for regenerative planting

Central Government Policy & Laws

Seminars for section on best practice i.e. buildings and builders

Encourage ratification of offsetting

Changes to school curriculum environmentalism and sustainability

Invite other Parish & States Members to discuss with St Helier

Influence law making, price and private motoring & planning law

Air quality improvement diesel ban, smokeless fuel, emission control zones

Tap into corporate funding for projects

Keep families small population control

Planning Laws for new builds

Ecosystem recovery

Sponsor land buy & tree planting

Plant orchards rather than non fruit producing trees

Sponsor green space

Competition/awards for corporate reductions, street reductions, community reductions individual reduction

Reduce street parking to create green space, play space, bike space etc.

Green Energy

Campaign to educate individuals to know their carbon footprint

Energy survey as part of rates assessment

Energy audits for town business

How to save money on energy at home

Recycling

Collection of household compost (is this included in garbage guzzler?)

Transport

All refuse vehicles to run on biodiesel or electricity

Provide safer convenient walking routes to reduce car dependency

Provide segregated cycle ways to make cycling to work and school safe & convenient

Encourage business to sponsor free buses

Appendix D – Action Working Group 1 Output cont...

Report Recommendations by Grouville Themes
Agriculture
Set aside area in parks for regenerative planting
Discourage bad farming pesticides
Use of compost tea to refertilise soil
Give up farm chemicals go green
Re-Gen farming
Through States influence amount of artificial fertilizer, pesticides being used on Parish farms
Locally Grown Food
Central Government Policy & Laws
Encourage business to distribute carbon footprint list
Business incentives recycling & energy efficiency
Relax building regulations on windows i.e. double glazing
Building regulations, insulation, windows, solar panels
Force big energy users to ratify emissions
Changes to school curriculum environmentalism and sustainability
Encourage ratification of offsetting
Seminars for section on best practice i.e. buildings and builders
Invite other Parish & States Members to discuss with St Helier
Provision of Hydrogen
Green retailer scheme similar to green tourism award
Air quality improvement diesel ban, smokeless fuel, emission control zones
Keep families small population control
Make hotels and restaurants recycle food waste
Influence law making, price and private motoring & planning law
Planning Laws for new builds
Population policy
Tax on bottled water
Include environmental factors when gaining planning permissions - include % factors specifically for environment
Ecosystem recovery
Sponsor land buy & tree planting
Competition/awards for corporate reductions, street reductions, community reductions individual reduction
Sponsor green space
Environment Bat friendly
Reduce street parking to create green space, play space, bike space etc.
Green Energy
Measure KW HRS of Energy used and encourage offset
Education
States to Reinstate insulation grants
Green all new buildings
Energy audits for town business
Promote use of solar energy
Recycling
Carbon pricing waste charge
Purchase/rent or share POSH food dehydrator/garbage guzzler
Don't waste food
Home composting possible discount
Composting on large scales (is this garbage guzzler?)
Kerbside recycling
Transport
All refuse vehicles to run on biodiesel or electricity
Encourage people to use buses, cycle and walk to work
Provide segregated cycle ways to make cycling to work and school safe & convenient
Encourage business to sponsor free buses
Provide safer convenient walking routes to reduce car dependency
Scooters, boards & bikes
Tax on big and luxury vehicles to encourage small low emission vehicles
Incentivise reduced car ownership
Rates reduction for using alternative transport

Appendix E – Quick Wins Project Initiation Documents

Quick Wins Project – Domestic Use of Seaweed as a Fertiliser

Project Initiation Document	
Overview of Project	
Time essence - capable of implementation within 3 months	<p>Project key phases and timelines for implementation timelines:</p> <ol style="list-style-type: none"> 1. Print article in Grouville Gazette in Spring 2020. 2. Include in any general 'environmental leaflet' distribution to parish households. 3. Use social media to promote videos and photos of seaweed use.
Cost efficient – minimal/no cost, with a material carbon impact	<p>Costs and their funding:</p> <ol style="list-style-type: none"> 1. Free to collect seaweed. 2. No additional costs of including in Grouville Gazette(?). 3. Social media free but sponsored social media would incur costs. 4. Unknown costs for general 'environmental leaflet' to all parish households. <p>Estimated Carbon Impact: It is anticipated that this project will impact the Grouville Land Use Change carbon footprint estimated at -0.3 kilotonnes of sequestration at 2017 for the Parish. It is anticipated that this initiative will improve soil fertility through the reduction of use of chemicals and support more carbon drawdown</p>
Implementation is visible to the community	<p>How implementation will be visible to the community:</p> <ol style="list-style-type: none"> 1. Visible while being collected. 2. Visible to neighbours and allotment keepers.
Involves community action/engagement	<p>How implementation will involve community action & engagement:</p> <ol style="list-style-type: none"> 1. Involves community if seaweed used on common land.
Sets a good example	<p>How implementation will change community behaviours and reduce community carbon footprint:</p> <ol style="list-style-type: none"> 1. Would reduce synthetic fertiliser production. 2. Would reduce use of plastics. 3. Would reduce chemical pollution of land and water supply.
Under Constable control, for example, no Policy/law changes required	<p>Are there any areas outside of the parish control connected with this project?</p> <p>Doesn't need control other than letting people know seaweed should only be taken from above the high water line.</p>
Supports all other parish workstreams	<p>Which other workstreams does this project support and how:</p> <ol style="list-style-type: none"> 1. Organic food production. 2. Plastic reduction/recycling.

Quick Wins Project – Locally Grown Food

Project Initiation Document	
Overview of Project	<p>Encourage Grouville parishioners to purchase locally produced and grown products, by creating a communication programme, with educational and sourcing information, and answering 4 main questions:-</p> <p>Why? - Why is there an urgent need to buy locally?</p> <p>What? - What can we and what should we buy locally?</p> <p>Where? - Where can we buy them?</p> <p>When? – When should we buy them(seasonal fruit/veg)?</p> <p>“Buy Local! Buy Grouville! Buy Jersey!”</p>
Time essence – Create and implement communication plan end November 2019	<p>Project timelines:</p> <ol style="list-style-type: none"> 1. Research local suppliers and retailers including using information from existing bodies, e.g. Genuine Jersey, Farm Jersey etc 2. Investigate partnership initiatives with suppliers, e.g. veg bag Mondays – Seasonal mixed Veg bag for discounted price 3. Develop Communication Strategy 4. Create content for communication materials 5. Advertise and do media release – 29th November
Cost	<ul style="list-style-type: none"> • Budgets will need to be created as part of communication strategy, but these will be for production of communication materials e.g. Posters, door drops,
Implementation	<ul style="list-style-type: none"> • Multi media channel approach to communicate with whole demograph of Grouville e.g. Facebook, Grouville Gazette, Door drops etc • Regular communications covering seasonality of products e.g. recipe ideas for Leeks and Kale in January. • Invite BBC radio Jersey, JEP, Bailiwick Express to interview a local Grouville farmer to discuss benefits of buying local and an Environmental expert on impact on minimising carbon footprint
Involves community action/engagement	<ul style="list-style-type: none"> • Recipe ideas/competitions in Grouville Gazette, Facebook Page • The benefits of Kale talks at Les Grouvelles • Bean Crock Cooking competition • Vegetarian cooking demonstration at Homegrown with local chef
Sets a good example	Encourages the community to consider the power of their buying habits
Opportunities	<p>Honesty Box Map and Digital App</p> <p>Chart with carbon footprint of imported products -v- local products</p> <p>Celebrate new seasons veg with e.g. 10 things you can do with Cauliflower/Carrot/Courgette/Kale articles</p> <p>Partnership initiatives with suppliers and retailers</p>
Inter Parish participation Opportunities	<ul style="list-style-type: none"> • Buying locally means buying Grouville, buying Jersey.

Quick Wins Project – Planting Trees

Project Initiation Document	
Overview of Project	
Time essence - capable of implementation within 3 months	<p>To encourage Grouville parishioners and farmers to plant trees on their property. If the parishioners cannot participate directly then consider actively supporting our partner, the charity Trees for Life, to plant trees on Parish land.</p> <p>The Parish has already identified land that Trees for Life can plant on.</p> <p>Active support could take the form of providing labour too and or making donations to Trees for Life.</p> <p>Why? The benefits are so obvious, eight are reflected in the proposed article.</p> <p>What? The planting of new trees.</p> <p>Where? The planting will be across the whole parish.</p> <p>When? As guided by Trees for Life</p>
Cost efficient – minimal/no cost, with a material carbon impact	<p>Costs and their funding:</p> <p>To the Parish zero</p> <p>To the Island zero</p> <p>To the individual, who buys in to this, it's whatever they are prepared to allocate for this activity.</p> <p>Estimated Carbon Impact: It is anticipated that this project will impact the Grouville Land Use Change carbon footprint estimated at -0.3 kilotonnes of sequestration at 2017 for the Parish. It is anticipated that this initiative will improve biodiversity and support more carbon drawdown.</p>
Implementation is visible to the community	<p>How implementation will be visible to the community:</p> <p>The Parish has already identified to Trees for life land that can be planted.</p> <p>Article in February's Grouville Gazette.</p> <p>If we can monitor those that buy in to this when they plant on their own land we can comment on 'progress' in future issues of the Gazette and other mediums. It will be relatively easy to monitor Trees for Life activity.</p>

Quick Wins Project – Beach Cleans, Lane Cleans & Adopt a Lane

Project Initiation Document	
Overview of Project	<p>Clean beaches & Lanes</p> <p>It is important to our environment that our waste is disposed of in the correct manner. There is a risk to our biodiversity and natural balance should our litter end up in our fields and oceans.</p> <p>This project is about providing more litter bins, in accessible areas, to discourage littering but also to encourage those out on our beaches and walking our lanes to pick up what they see.</p> <p>See it – Pick it – Bin it</p>
Time essence - capable of implementation within 3 months	<p>Project key phases and timelines for implementation timelines:</p> <ol style="list-style-type: none"> 1.
Cost efficient – minimal/no cost, with a material carbon impact	<p>Costs and their funding:</p> <ol style="list-style-type: none"> 1. Provision of more litter bins 2. Collection and emptying of litter bins 3. Campaign to encourage <p>Estimated Carbon Impact: It is anticipated that this project will impact the Grouville Land Use Change carbon footprint estimated at -0.3 kilotonnes of sequestration at 2017 for the Parish. It is anticipated that this initiative will improve biodiversity, improve soil fertility, reduce sea pollution and support more carbon drawdown.</p>
Implementation is visible to the community	<p>How implementation will be visible to the community:</p> <ol style="list-style-type: none"> 1. Campaign 2. More litter bins 3. Less litter
Involves community action/engagement	<p>How implementation will involve community action & engagement:</p> <ol style="list-style-type: none"> 1. See it – Pick it – Bin it
Sets a good example	<p>How implementation will change community behaviours and reduce community carbon footprint:</p> <ol style="list-style-type: none"> 1. When people start to realise the amount of litter we create it is hoped that they will start to think about the products they buy and the rubbish that is left.
Under Constable control, for example, no Policy/law changes required	<p>Are there any areas outside of the parish control connected with this project?</p> <p>This is within the Constables remit</p>
Supports all other parish workstreams	<p>Which other workstreams does this project support and how:</p> <ol style="list-style-type: none"> 1. XXXXXX 2. XXXXXX 3. XXXXXX 4.

Quick Wins Project – Food waste

Project Initiation Document	
Overview of Project	
Time essence - capable of implementation within 3 months	<p>Project key phases and timelines for implementation timelines:</p> <ol style="list-style-type: none"> 1. Ongoing- mind set change 2. Advertising, social media updating 3. Letter writing ie waitrose, jftu, local food outlets 4. Raise profile of environmental issue anyway we can
Cost efficient – minimal/no cost, with a material carbon impact	<p>Costs and their funding:</p> <ol style="list-style-type: none"> 1. Photocopying £30 2. Time costs re letter writing, follow ups etc 3. Paper £20 <p>Estimated Carbon Impact: : It is anticipated that this project will impact the Grouville Agriculture carbon footprint estimated at 0.7 kilotonnes of carbon at 2017 for the Parish.</p>
Implementation is visible to the community	<p>How implementation will be visible to the community:</p> <ol style="list-style-type: none"> 1. More use of farm shops 2. Less waste into recycling bins 3. Word of mouth, hearsay. 4.
Involves community action/engagement	<p>How implementation will involve community action & engagement:</p> <ol style="list-style-type: none"> 1. local shops receipes 2. Education day, swops of receipes and ideas 3. Clothes swop day? 4. After Christmas collection unwanted stuff
Sets a good example	<p>How implementation will change community behaviours and reduce community carbon footprint:</p> <ol style="list-style-type: none"> 1. Buying local 2. Follows the reuse, reuse and recyle 3. Change shopping habits over time hopefully 4. Would save everyone money, people like this.
Under Constable control, for example, no Policy/law changes required	<p>Are there any areas outside of the parish control connected with this project?</p> <p>No laws but more about peoples personal choice.</p>
Supports all other parish workstreams	<p>Which other workstreams does this project support and how:</p> <ol style="list-style-type: none"> 1. Recycling 2. Supporting local shops/farmers 3. Climate change from burning of waste. 4. Smaller carbon footprints.

Quick Wins Project – Mending & Fixing

Project Initiation Document	
Overview of Project	Grouville parishioners are invited to bring along items of clothing or equipment that need repairing or fixing
Time essence - capable of implementation within 3 months	<p>Project timelines:</p> <ol style="list-style-type: none"> 1. Identify skills in the community – 13th October 2. Determine what those skills can manage – 20th October 3. Establish dates for pop up skills workshops – 27th October 4. Advertise and do media release – 3rd November
Cost efficient – minimal/no cost, with a material carbon impact	<ul style="list-style-type: none"> • Any materials required to fix/repair will need to be funded by the parishioner • Could consider a small charge to raise funds for other activities e.g. planting trees? • Reduces carbon footprint of individuals and businesses – reducing the purchase of clothes and equipment <p>Estimated Carbon Impact: It is anticipated that this project will impact the Grouville Business carbon footprint estimated at 3.81 kilotonnes of carbon at 2017 for the Parish. It is anticipated that this initiative will reduce the replacement cycle.</p>
Implementation is visible to the community	<ul style="list-style-type: none"> • Full visibility to the Community through a pop up skills workshop to be held ? in the parish hall on a schedule of pre agreed dates • Advertising of dates to take place in Grouville gazette • Invite BBC radio Jersey, JEP, Bailiwick Express to interview skills leads
Involves community action/engagement	Full engagement of the community
Sets a good example	Encourages the community to consider making good and recycling clothes and equipment, changing our throw away habits.
Under Constable control, for example, no Policy/law changes required	May need to consider electrical testing?
Supports all other parish workstreams	<ul style="list-style-type: none"> • Links in with reduce, re-use and recycle • Links in with Les Grouville's sewing/knitting skills activities

Quick Wins Project – Website

Project Initiation Document	
Overview of Project	To develop a website to inform and educate Grouville Parishoners to change behaviours and adapt to lower carbon lifestyles.
Time essence - capable of implementation within 3 months	<p>Project key phases and timelines for implementation:</p> <ol style="list-style-type: none"> 1. Define digital strategy in accordance with educational aims. 2. Setup Google Sites (website builder), Slack (comms) and other tools to facilitate collaboration. 3. Development of initial content for launch in coordination with Quick Wins Project Leads. 4. Launch of website February/March 2020.
Cost efficient – minimal/no cost, with a material carbon impact	<p>Costs and their funding:</p> <ol style="list-style-type: none"> 1. Registration of a .org.je domain name costs £19.99 p/a - to be funded initially by the Project Lead. 2. Funding of advertising costs may be required for promotion on search engines and social media. <p>Estimated Carbon Impact:</p> <p><i>For an understanding of the carbon impact of websites, see https://www.websitecarbon.com/ - which suggests for a similar type of website and reach would be in the region of 10-20kg CO₂ p/a.</i></p>
Implementation is visible to the community	<p>How implementation will be visible to the community:</p> <ol style="list-style-type: none"> 1. Regular updates of website content. 2. Promotion of the website in the Parish and group's communications and social media. 3. Advertising of the website on search engines and social media.
Involves community action/engagement	<p>How implementation will involve community action & engagement:</p> <ol style="list-style-type: none"> 1. Provision of a public resource that guides, persuades and encourages reduction in carbon emissions. 2. Promotion and support of Quick Wins and other community initiatives. 3. Development of a local, environmentally-conscious online community and support network.
Sets a good example	<p>How implementation will change community behaviours and reduce community carbon footprint:</p> <ol style="list-style-type: none"> 1. Through information and education using locally-relevant content. 2. Promotion of environmentally-friendly community initiatives.
Under Constable control, for example, no Policy/law changes required	<p>Are there any areas outside of the parish control connected with this project?</p> <p>N/A</p>