

Appendix 3: Environmental Action Plan – long list

Ref	Theme	Suggested Action	Response	Follow up requirements	Assigned to
1	Future Energy System	Partner with local academic institutions to perform feasibility studies for Island specific storage solutions (battery, pumped storage, hydrogen etc) for implementation, absorbing excess daytime renewable generation and reducing evening peak consumption.	The council has secured funding from Innovate UK for a Smart Local Energy Systems Concept and Design study called "Energy Autonomous Community (Isle of Wight)" project, working in collaboration with University of Portsmouth.	Contact local HE sector, principally Portsmouth & Southampton Universities to discuss opportunities for undergraduate and postgraduate projects.	Economic Development & Sustainability
2	Future Energy System	Bring the energy issues of the Island to the attention of the MP and ask him to assist in getting the blocking parties to collaborate.	This relates to the inability of the grid to accept Island generation at all times which is blocking further generation schemes and hindering the Island's ambition for energy autonomy or self-sufficiency.	IWC to consider formal agreement with the network operator (Scottish & Southern Electricity Networks) to collaborate on designing a network that meets the Island's ambitions and to approach the Regulator together if regulatory change is required.	Cllr Hobart
3	Future Energy System	Encourage innovative solutions on a small scale for people & businesses to generate and store energy	Link to work with local academic institutions (see above).	Discuss with HE sector and explore innovation funding	Economic Development & Sustainability
4	Future Energy System	Reinvigorate the tidal project off the South Coast	Marine Licence and seabed lease secured for the Perpetuus Tidal Energy Centre. Need central Government-backed revenue support mechanism to make project viable	Discussions with Government.	Economic Development & Sustainability
5	Sustainable Tourism	Collaborate with Visit Isle of Wight on Eco Tourism Vision	Numerous suggestions from Environmental Conference	Meeting with Will Myles (VIOW) to discuss	Cllr Hobart

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6	Promoting the Biosphere	Develop a Biosphere Action Plan	IWAONB has committed to lead on the Biosphere. If the designation is granted (decision in May/June 2019), IWAONB will work with partners on branding and identity. Delivery is likely to be a combination of what is being achieved and planned rather than a new programme of activities. Some guidance likely to be issued by UNESCO.	Consider supporting additional work to develop understanding of Biosphere in schools, businesses and wider community and assess whether it is positive for business. Consider promotion of Biosphere status to maximise Island benefits.	AONB Unit
7	Promoting Electric Vehicles and low carbon fuels	Council should lead by example. Adopt EV fleet	The council has installed charging points for 6 electric vehicles at County Hall. It will purchase the first 4 Evs for its fleet during 2019.	Develop business case.	Fleet Management
8	Promoting Electric Vehicles and low carbon fuels	Council to invest in energy storage facility	Battery storage is classified as electricity generation and therefore subject to the grid constraints described above. Hydrogen is an alternative form of energy storage and can be used as a transport fuel.	Develop business case and analyse funding models once grid constraint issues are resolved. Could utilise regeneration sites.	Economic Development & Sustainability
9	Promoting Electric Vehicles and low carbon fuels	Encourage installation of 2 way (vehicle-to-grid) chargers.	The Energy Autonomous Community (Isle of Wight) project will investigate the benefits of two-way chargers	Discuss with EVCP Framework provider to understand if two-way chargers are available for public use.	Economic Development & Sustainability / Planning Services

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10	Promoting Electric Vehicles and low carbon fuels	Provide EV owners with free parking for two years. Also for tourists.	Agreed 12 months more realistic. The council currently offers free parking for EVs whilst they are charging in a designated bay in council car parks. This offer will be extended to provide an incentive for EV ownership.	Assess financial implications. Discuss with Parking Services and Cllr Ward. Could be used to offset Gov't reduction in financial support for EVs.	Cllr Hobart
11	Conserving our water supplies	More education initiatives to embed the need for water efficiency into the next generation	Plan a new education campaign for the Island	Meetings with Southern Water during 2019 to develop campaign for delivery in 2020.	Economic Development & Sustainability
12	Conserving our water supplies	A Water reuse demonstration should be developed with Southern Water to enable final treated effluent to be recycled for agriculture and our rivers	Southern Water has advised that this needs to be developed alongside the Water Resources Management Plan	Discuss with Southern Water	Economic Development & Sustainability
13	Farming & Rural Enterprise	Hold a Rural Summit to explore issues relating to farming and the rural economy in the context of Brexit	See workshop feedback for preliminary list of issues to be covered	Possible joint event with Natural Enterprise - discuss with Graham Biss.	Regeneration
14	Creating green jobs	Support increase in apprenticeships for semi skill trades needed for transition to sustainability	Sectors identified include renewable energy, energy efficiency retrofits (insulation etc), waste processing and re-purposing.	Potential for major project establishing businesses that can utilise (process and manufacture) waste materials collected locally.	Economic Development & Sustainability / Waste
15	Involving the community	Needs a new Public Forum as a community voice for engagement with the council, building trust and normalising challenge as a good thing	The existing Plastic + Environment Forum covers a full range of environmental issues and membership could be expanded.	Review Terms of Reference for Plastic & Environment Forum	Cllr Murwill
16	Involving the community	Use the schools network as the essential framework for engagement with their communities of interest	Consider establishing a School environmental forum and invite schools to participate in the Green Impact Programme	Discuss with Cllr Brading	Cllr Hobart

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17	Involving the community	Must be a central coordinator for Environmental Strategy as point of contact and provider of advice and collaboration!!	This function could be provided by the Plastic + Environment Forum.	Consider role of Plastic & Environment Forum	Cllr Murwill
18	Involving the community	Road verge management to improve environmental value for wildlife	Altered verge management could encourage greater biodiversity through wild flowers. Cuttings need to be removed to reduce soil fertility. Need to balance with public access e.g. walking routes between footpaths.	Liaise with Dorset CC and Island Roads to deliver in rural areas if it can be incorporated into the Highways PFI contract.	Cllr Hobart / PFI Contract Management Team
19	Involving the community	Award / recognition for Environmental Champions	Green Impact Programme will have awards for businesses.	Council to consider awards to individuals for outstanding environmental achievement.	Cllr Murwill
20	Reducing travel impacts	Develop a land based multi modal transport plan, informed by insight.	Flexible and integrated mobility through public transport and active travel. Will include better design, direct routing at peak demand times, low cost travel for young people to incentivise use.	Senior staff currently being recruited to lead on transport planning. Council currently investigating incentives for youth travel on public transport.	Cllr Murwill / Cllr Hobart
21	Reducing travel impacts	Improve Island Line and extend rail network		Ongoing discussions with train operator	Planning Services
22	Reducing travel impacts	Improved infrastructure to support active modes, and a more extensive and affordable bus network	Higher priority for walking and cycling in new road schemes and developments.	To be integrated into transport planning, including revised Local Transport Plan	Planning Services
23	Reducing travel impacts	More infrastructure which encourages active travel	Support coastal path development. Planning should consider securing public access rights in coastal areas excluded from the scheme.	Work being led by Natural England with input from the Local Access Forum	Rights of Way

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24	Reducing travel impacts	Entire Island-wide connectivity for cycling	Continue to look at expanding cycle network and permeability in Newport and Ryde	Resources (revenue and capital) required to develop and implement new schemes	Recreation, Leisure & Public Spaces
25	Reducing travel impacts	Quiet Lanes (20mph) designated to connect bridleways and footpaths	Initiative being led by Cllr Medland. One quiet land already exists near Alverstone. Designation would be through an instruction to Island Roads	Consider as a priority those routes which are required to link existing footpaths and bridleways to provide greater connectivity for active travel. Local Access Forum has produced a list of prioritised routes.	PFI Contract Management
26	Green Business practices	Incentivise sustainable employee behaviour	Promote Green Impact Award being delivered by the Chamber of Commerce.	Council is providing funding for 2 years from May 2018. Provide support for marketing of initiative and consider involvement of council departments	Economic Development & Sustainability
27	Circular Economy (waste and recycling)	Aspire concept in Ryde could be scaled and brought to every low town. Creating skills, building the community, generating income.	The council is working with Aspire and other businesses and organisations to organise the better distribution of surplus food.		Cllr Murwill
28	Circular Economy (waste and recycling)	Higher environmental standards to be required in council tenders (procurement)	Consider staff resource to provide advice function to Commissioners on environmental options for tenders, assessment of responses and KPIs for carbon emissions		Economic Development & Sustainability / Procurement

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29	Plastic-free Island	School programme (perhaps run with the Island youth start-up initiative) to develop solutions for compostable plastics, packaging, requiring schools to recycle (great deal of waste currently). A plastic problem design team.	Consider as part of a wider initiative to encourage business start-ups utilising local waste materials.	Discuss with Cllr Brading.	Cllr Murwill
30	Plastic-free Island	Connect with National Oceanography Centre (Southampton University) to investigate plastic issues and identify solutions. Possibly spin off businesses manufacturing solutions in boatyards and other facilities.	Discuss options with NOC and investigate innovation funding		Cllr Murwill