

Jersey Air Quality Project Plan

Key to Policies

- Policy 1: Air quality project team
- Policy 2: Air quality and climate change adaptation policy
- Policy 3: Indoor air quality
- Policy 4: Air quality monitoring and reporting
- Policy 5: Emissions from transport
- Policy 6: Emissions from light industrial sources
- Policy 7: Emissions from light industrial processes, agriculture and manufacturing
- Policy 8: States of Jersey leading by example
- Policy 9: Raising awareness of air quality issues
- Policy 10: Public access to information
- Policy 11: Regulatory framework

DoE – Department of Environment

Ref	Policy No.	Action	Lead Dept	Target Date	Comments	Status
1	1	Ensure that the Jersey Climate Change Adaptation Strategy addresses air quality issues	DoE	Q2 2013	Air quality and climate change adaptation actions will build on the existing policy framework of improved air quality; reduced CO2; compliance with Multilateral Environment Agreements (MEA's) Development of climate change adaptation strategy is in 2013/14 DoE business plan. Staff resources allocated.	
2	2	ECO-ACTIVE will continue to work with the Health Promotion Unit and other key departments, including Housing and Building control on indoor air quality campaigns.	DoE	Ongoing	Eco-Active programme for 2013 developed. Not currently a priority, but if the other air quality actions are implemented then the Eco-Active programme will support through information and awareness activities.	
3	2, 8	<p>Introduce additional bye laws as proposed in the Island Plan and the Energy Plan Draft White Paper, to be introduced in 2014 and 2016 for both domestic and commercial developments.</p> <p>The new bye-laws will set requirements for zero carbon emissions for space heating in homes and commercial developments. Any revised building bye laws will consider relevant air quality directives and guidance.</p> <p>The effectiveness of the existing bye laws will need to be kept under review in relation to controlling emissions from biomass combustion.</p>	DoE	Q2 2013	<p>The purpose of the building bye-laws is primarily to do the health and safety of people in and about buildings. Controlling emissions from heating appliances falls outside of the scope of the bye-laws. New standards were introduced in 2011 to improve the energy performance of buildings, which included requirements to improve air tightness. In order to ensure adequate ventilation for people in buildings the technical guidance published in support of the requirements relating to ventilation in buildings was also updated in 2011. That guidance is based on current British and European standards for the ventilation of buildings.</p> <p>Energy Plan to be adopted in 2013.</p> <p>Building bye laws are already in place to manage the installation of solid fuel heating and cookers, but these have been designed to control nuisance.</p>	

4	2	Enactment of the draft Public Health Dwelling Law which will bring considerable benefit in terms of health related air quality issues.	Health Protection Service	Q3 2013	With Law officers for final drafting.	
5	2, 6,7,8	Air quality issues for new developments will be considered through the Planning process and the development of the Jersey Design for Homes and Sustainability Statements. These will set out development thresholds for consideration of air quality in smaller scale planned development. The cumulative impact of many smaller scale developments may be significant to air quality. Cumulative impacts are often linked to transport issues. The Statements will include mitigation measures which relate cumulative impact eg limited car parking spaces, improvements to bus services, cycle lanes etc. These can be included in Village Plans.	DoE	Q2 2013	Supplementary Planning guidance for new homes introduced Air quality assessments to be part of the SPG for village plans	
6	2,8	Update the Construction Dust Good Practice Guide and distribute it to construction companies in Jersey through the ECO-ACTIVE business scheme and other business networks. Guide to be produced by Public Health	Public Health & DoE	Q3 2013	Draft revision completed. ECO-ACTIVE coordination of campaigns; materials	
7	3	Continue with the current air quality monitoring programme.	Health Protection Service	Ongoing	The 2011 programme report has been issued and emissions remain below action thresholds. Monitoring is to the to the EC Directive screening assessments requirements. These data are sufficiently robust to be used, given the low concentrations measured on the island. The programme requires a 3 year review	
8	3,6	Consider the implications of requiring the installation of retrofit vapour recovery devices at filling station forecourts. If appropriate draw up a scheme for implementing vapour recovery.	Health Protection Service	Q4 2013	Sampling reports considered and advice received from AEA that there are no elevated levels at the monitoring sites. Requires consultation with the relevant stakeholders. Meetings and discussions are in progress with the fuel companies and the Airport and Harbours Department.	

9	3, 6, 7	If processes producing carbon monoxide, sulphur dioxide, lead or ozone are introduced or identified evaluate the need for monitoring levels.	Health Protection Service	Ongoing		
10	3, 9, 10	Make monitoring data available through an online resource.	Health Protection Service	Ongoing	Online data is on the Meteorological Dept web site. To be updated. Work is in progress to ensure daily air quality data is sent to the new Jersey Meteorological website which will be part of www.gov.je	
11	5, 8.	Revise contract specifications to ensure that environmental considerations are embedded in the procurement of goods and services especially of commercial vehicles. Work with suppliers of goods and services to raise awareness of the ECO-ACTIVE States action plan and requirements.	T&TS Corporate Procurement DoE	All contract reviews	States operated vehicles are being procured to current European emission standards. 10 Electric vehicles are on trial within States Departments from early 2013.	
12	5, 8	Revise the specification for contractor's vehicles being used on States contracts to include the same environmental considerations as for States vehicles.	Corporate Procurement		Current specs are only for T&TS contracts. Contracts for other departments need to be applied through Procurement Links to 15	
13	5, 8.	Provide fuel efficient driving training to relevant States and contractors' staff during 2012 through the ECO-ACTIVE States.	DoE	Q4 2013	Requires discussion with T&TS/DVS to see whether there is appetite to develop project proposal. ECO-ACTIVE States to pick up in 2013.	
14	5, 8	All States departments to have developed a workplace travel plan by 2015.	T&TS	Q4 2014	T&TS has a travel plan. Travel Plan Officer appointed in 2012, will lead on this in 2013.	
15	5,8	By 2012 all States commercial vehicles will meet Euro III with an exception for specialist emergency vehicles.	T&TS	Q1 2013	All T&TS operated vehicles will be Euro 3 compliant by Q4 2012 (replacement vehicles are on order). Retrofit solutions to upgrade the Euro level are not possible. Nearly all States commercial vehicles will be at least Euro 3 by Q4 2013. A few specialist emergency vehicle will not meet the specification until replaced at the end of their design life.	

16	9, 10	Through the ECO-ACTIVE initiative, continue to raise public awareness of environmental issues, including air quality.	Health Protection Service	Ongoing	Links to actions in this action plan - Eco-Active can support the HPS implementation team by promoting air quality issues through gov.je and on intranet. 2011 air quality report has been published.	
17	5, 9, 10	Work with the Parishes on the introduction of more fuel efficient collection methods for waste and recycling.	T&TS	tba	Parishes should be able to realise cashable benefits by reducing fuel use in collection.	
18	5, 9	Address the emissions to air from transport in Jersey, through the Sustainable Transport Policy by requiring higher emissions standards for vehicles in Jersey, and implementing behaviour change programmes.	T&TS	tba	This will be monitored through the annual submission of the report on the STP to the Corporate Management Board and Council of Ministers.	
19	5	Investigate the feasibility of and need for an assessment of health impacts from air quality on vehicle occupants.	Health Protection Service	Q1 2014	This needs a literature search but the evidence so far is that the air quality effects on the health of pedestrians is low and vehicle passengers may be at greater risk.	
20	1, 5, 11	Extend the ratification of the air pollution sections of the Marpol convention to Jersey to ensure that emissions from ships using Jersey Harbours are effectively controlled.	EDD	Q4 2013	States approved Shipping (MARPOL) (Jersey) Regulations on 17 January 2012. These allow Island to seek ratification for MARPOL I & II. Air Pollution (Annex VI) to follow in due course.	
21	1, 5	Ensure local compliance with new international 0.1% sulphur limit for fuel in commercial passenger shipping.	EDD		Discussion has taken place with UK and shipping company. Cost to company expected to be significant. Implementation by IMO and EU being monitored.	
22	5, 8	Ensure the airport considers ground aviation movements as part of its workplace travel plan.	T&TS	2013	Airport are fully Eco-active accredited and have included transport in their action plan. T&TS travel plan coordinator to pick up when in post.	
23	5, 8	Use the Strategic Environmental Assessment (SEA) process to ensure that air quality issues are fully considered in any master plans and plans where there may be a cumulative adverse effect on air quality.	DoE	Ongoing	SEA guidance produced and SEA promoted as best practice, but not mandatory. Consideration to be given to development of secondary legislation to ensure statutory application.	

24	6, 7, 9	Compile and maintain a register of major industrial premises and identify those that do not meet accepted international standards of air pollution control. Advise businesses on how they can improve their controls.	Health Protection Service	2015	If significant effects on air quality can be evidenced from premises not meeting these standards AND they do not respond to advice -consider the introduction of a law to control emissions. A register has been produced and is being populated.	
25	1	Keep the European Union (EU) directives for air quality emissions under review.	Health Protection Service	Ongoing	Most relevant to trans boundary air pollution	
26	6, 7, 911	Apply to planning decision notices and/or waste license conditions standard conditions for monitoring and reporting of emissions to air for new developments. When an application is for a process to which a UK process guidance note applies, use the guidance as part of the planning conditions. Where appropriate use planning conditions to require air quality monitoring during the construction of new developments.	DoE	Q4 2013	Additional staffing time	
27	6, 7, 8, 11	Review Environmental Impact Assessment (EIA) submissions for the effects on air quality. Advise on the adequacy of the EIA and of controls that can be introduced in the planning process (link to 23). Ensure the EIA processes identify potential air quality issues and that these are controlled by the planning permit conditions.	Health Protection Service, DoE	Ongoing	Consistent and robust approach applied to relevant policies and strategies. Implementation of SEA will be controlled through development of an SEA order. Requires an assessment protocol	
28	7, 11	Revise the standards of the exemptions on mobile crushing operations and waste oil burners within the Waste Management (Jersey) Law 2005	DoE	tba	Target time may be defined by Legal officer programme of work. Additional staffing time.Possible consultancy costs	
29	6, 7, 11	Where there are Statutory Nuisances reported from metal coating processes use the EU Solvents directive as guidance to determine if there is a health risk or nuisance. Linked to ref 24	Health Protection Service	Ongoing	This may be included in a proportionate legislative update	
30	7, 9	Support the development of a Code of Practice on air for the agricultural sector as specified in the Rural Economy Strategy	DoE	Q4 2013	DoE Business Plan	

31	11	Through the ECO-ACTIVE business scheme encourage construction companies working in Jersey to adopt and comply with the requirements of the Considerate Constructor Scheme.	DoE		Not yet developed	
32	6, 7, 9	Through the ECO-ACTIVE business scheme, require all registered companies to report on how they will manage air emissions. Where relevant require companies to evidence compliance with UK process guidance notes.	DoE Health Protectio n Service		Part of Eco-Active Programme; scheme to be promoted once developed..	
33	5, 9	Develop and distribute work place travel plan (WTP) guidance for developers	T&TS			
34	5	Put in place a monitoring system to ensure that WTP's, required as part of a planning permit, are implemented, the monitoring should also provide information on modal shift and impact on emissions	T&TS			
35	6, 7	In addition to existing monitoring (which tends to target traffic emissions) undertake additional assessments of non-transport sources that might have significant impact on local health and sensitive ecological sites. A phased approach might be adopted that first uses estimated data for large sources followed by a more in depth exercise with monitored data if a significant risk was suspected.	Health Protectio n Service	Ongoing	Linked to ref 23. Sites need to be identified. Discussions are occurring with the Jersey Electricity Company on voluntary permitting to ensure air emissions comply with the relevant EU directives	
36	9, 11	Include Jersey data as applicable in the MEA audit but only where there is a significant failure to meet international standards or a significant measurable contribution to emissions. Assess the work required to collect the data for ozone depleting substances.	DoE	Ongoing		
37	9, 10	Development of public awareness campaigns under the ECO-ACTIVE branding, making connections between air quality and transport and Energy Plan objectives and health issues.	DoE			
38	4	Put in a proportionate monitoring system for reporting on MEAs	Health Protectio n Service DoE	Q4 2013	Reporting programme in place, quarterly update meetings taking place.	