## **Air Quality Policies**

This document is based on research that UNEP conducted in 2015, in response to Resolution 7 of the UNEA 1. It describes countrylevel policies that impact air quality. Triple question marks (???) indicate that information for the section couldn't be found.

Please review the information, and provide feedback. A Word version of the template can be provided upon request. Corrections and comments can be emailed to <u>Vered.Ehsani@unep.org</u> and <u>George.Mwaniki@unep.org</u>.

SOLOMON ISI	SOLOMON ISLANDS		
GOALS	CURRENT STATUS	CURRENT / PLANNED POLICIES & PROGRAMMES	
GENERAL OVERVIEW REDUCE	<ul> <li>Overall situation with respect to air quality in the country, including key air quality challenges: Honiara has air pollution from increasing traffic congestion</li> <li>Air quality monitoring system: No</li> <li>Industries that have the potential to impact</li> </ul>	<ul> <li>National Ambient air quality standards: None</li> <li>National Air Quality Policy: No</li> <li>Air Quality legislation / programmes: No</li> <li>Other:</li> <li>Emission regulations for industries: ???</li> </ul>	
Emissions from Industries	<ul> <li>air quality: gold mining</li> <li>GDP of country: \$1 billion</li> <li>Industries' share of GDP: 6%</li> <li>Electricity sources: Diesel (100%)</li> </ul>	<ul> <li>Small installation's emissions regulated: (Yes/No) ???</li> <li>Renewable energy investment promoted: No dedicated regulatory framework exists for promoting sustainable energy. Tina River Hydropower project would allow Solomon Islands to achieve its aim of 50% electricity from renewable sources (by 2016 - ???)</li> <li>Energy efficiency incentives: (ex: Subsidies, labelling, rebates etc) ???</li> <li>Incentives for clean production and installation of pollution prevention technologies: ???</li> <li>Actions to ensure compliance with regulations: (monitoring, enforcement, fines etc) ???</li> <li>Other actions at national, sub-national and / or local level to reduce industry emissions:</li> </ul>	
REDUCE EMISSIONS FROM TRANSPORT	• Key transport-related air quality challenges: Honiara has increasing traffic congestion; there doesn't seem to be any vehicle emission limits, and most of the vehicles are brought in as second-hand vehicles; bus transport is unregulated	<ul> <li>Vehicle emission limit: (Euro rating) ???</li> <li>Fuel Sulphur content: (in ppm) ???</li> <li>Restriction on used car importation: None</li> <li>Actions to expand, improve and promote public transport and mass transit: The National</li> </ul>	

		Transport Plan includes support to rural public transport, mostly in the way of more and better infrastructure
		• Actions to promote non-motorized transport: (ex: include sidewalks and bike lanes in new road projects, car-free areas etc) ???
		• Other transport-related actions:
REDUCE	• Outdoor, open burning: burning of	• Legal framework: (ex: is burning banned?) ???
EMISSIONS FROM OPEN	municipal waste is common	• Actions to prevent open burning of municipal waste and / or agricultural waste: ???
BURNING OF		
AGRICULTURAL / MUNICIPAL		
WASTE		
(OUTDOOR)		
REDUCE Emissions	• Dominant fuels used for cooking and space heating: 95% households use solid fuels	• Indoor air pollution regulated: No
FROM OPEN	(wood): 70% use kerosene for lighting	• <b>Promotion of non-grid / grid electrification</b> : 16% electrification rate (70% in Honiara); some
BURNING OF BIOMASS (INDOOR)	• Impact: Unknown	small-scale and demonstration solar home systems provided through Government and donor funding; 28 September 2012, the Government launched a 2 years-pilot project on installation of solar home systems for 2000 households in the country that would requires each household to pay cost of installation, operation & maintenance – depending on the outcome of the pilot phase, the Government plans to roll-out this programme to cover rest of the rural population.
		• Promotion of cleaner cooking fuels and clean cook stoves: ???
		• Other actions to reduce indoor biomass burning, or to reduce its emissions:

Secondary Sources used in the research: http://airlex.web.ua.pt/pm10, http://www.who.int/quantifying\_ehimpacts/national/countryprofile/en/#I, http://www.unep.org/Transport/New/PCFV/pdf/Maps\_Matrices/AP/matrix/AP\_Matrix\_June2015.pdf, https://energypedia.info/wiki/Main\_Page, http://www.reegle.info/countries/, http://www.islandsun.com.sb/index.php/latest-news/national/7791-gov-t-takes-strategic-approach-to-re-organize-honiara-city, http://www.adb.org/sites/default/files/publication/42662/solid-waste-management-solomon-islands.pdf, http://www.parliament.gov.sb/files/committees/SpecialSelectCommittee/ShortBusRoute/Special\_Select\_Committee\_Report-Honiara\_Short\_Bus\_Routes.pdf

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