

## 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 country-level 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 [Vered.Ehsani@unep.org](mailto:Vered.Ehsani@unep.org) and [George.Mwaniki@unep.org](mailto:George.Mwaniki@unep.org).

<b>COUNTRY NAME: SEYCHELLES</b>		
<b>GOALS</b>	<b>CURRENT STATUS</b>	<b>CURRENT / PLANNED POLICIES &amp; PROGRAMMES</b>
GENERAL OVERVIEW	<ul style="list-style-type: none"> <li>● <b>Overall situation with respect to air quality in the country, including key air quality challenges:</b> <ul style="list-style-type: none"> <li>● The main emission sources causing air pollution in Seychelles are from the energy and transport sectors.</li> </ul> </li> <li>● <b>Air quality monitoring system: ???</b></li> </ul>	<ul style="list-style-type: none"> <li>● <b>National Ambient air quality standards:</b> No</li> <li>● <b>National Air Quality Policy:</b> <ul style="list-style-type: none"> <li>● The Environment Management Plans for the country (EMPS 1990-2000; 2000-2010)</li> </ul> </li> <li>● <b>Air Quality legislation / programmes:</b> <ul style="list-style-type: none"> <li>● The Environment Protection Act 1994 (EPA 94)</li> </ul> </li> <li>● <b>Other: ???</b></li> </ul>
	<ul style="list-style-type: none"> <li>● <b>Industries that have the potential to impact air quality:</b> <ul style="list-style-type: none"> <li>● Energy and Transport sectors.</li> </ul> </li> <li>● <b>GDP of country:</b> <ul style="list-style-type: none"> <li>● \$2.404 billion (2013 estimate)<sup>1</sup>.</li> </ul> </li> <li>● <b>Industries' share of GDP:</b> <ul style="list-style-type: none"> <li>● 18.7%<sup>2</sup>.</li> </ul> </li> <li>● <b>Electricity sources:</b> <ul style="list-style-type: none"> <li>● Oil and Oil Products: 100%<sup>3</sup>.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>● <b>Emission regulations for industries:</b> <ul style="list-style-type: none"> <li>● Section 8 (2) No person shall, without an authorisation from the Authority, establish or operate any industrial plant in an air pollution control area<sup>4</sup>.</li> </ul> </li> <li>● <b>Small installation's emissions regulated:</b> (Yes/No) ???</li> <li>● <b>Renewable energy investment promoted<sup>5</sup>:</b> <ul style="list-style-type: none"> <li>● At present, the only active grid-connected PV system in the entire country is a 600- watt (4-panel) PV system installed by the Public Utilities Corporation (PUC).</li> <li>● MASDAR is currently overseeing the design, development and construction of 6 MW of this, in the form of 8 750 kW turbines on the uninhabited islands of Ile du Port and Ile</li> </ul> </li> </ul>

<sup>1</sup> Index Mundi; [http://www.indexmundi.com/seychelles/gdp\\_composition\\_by\\_sector.html](http://www.indexmundi.com/seychelles/gdp_composition_by_sector.html)

<sup>2</sup> Index Mundi; [http://www.indexmundi.com/seychelles/gdp\\_composition\\_by\\_sector.html](http://www.indexmundi.com/seychelles/gdp_composition_by_sector.html)

<sup>3</sup> <http://www.reegle.info/countries/seychelles-energy-profile/SC>

		<p>Romainville.</p> <ul style="list-style-type: none"> <li>● <b>Energy efficiency incentives:</b> (ex: Subsidies, labelling, rebates etc.) <ul style="list-style-type: none"> <li>● The removal of taxes (Value Added Tax) on some energy efficient appliances and on equipment for the production of renewable energy<sup>6</sup>.</li> </ul> </li> <li>● <b>Incentives for clean production and installation of pollution prevention technologies: ???</b></li> <li>● <b>Actions to ensure compliance with regulations:</b> (monitoring, enforcement, fines etc.) <ul style="list-style-type: none"> <li>● Imprisonment for 6 years and fine of Rs250,000, and Rs5,000 per day for continued offence after conviction<sup>7</sup>.</li> </ul> </li> <li>● <b>Other actions at national, sub-national and / or local level to reduce industry emissions: ???</b></li> </ul>
REDUCE EMISSIONS FROM TRANSPORT	<ul style="list-style-type: none"> <li>● <b>Key transport-related air quality challenges:</b> (ex: vehicle growth, old fleet, dirty fuel, poor public transport etc.) <ul style="list-style-type: none"> <li>● The CO2 emission from the transport sector accounts for 31% of emissions from the energy sector, of which 84% originates from land transportation with the primary fuels being gasoline and gas oil (diesel).</li> <li>● The number of vehicles is expected to increase from 6,050 in 1990 to 18,361 in 2020.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>● <b>Vehicle emission limit:</b> (Euro rating) <ul style="list-style-type: none"> <li>● Standards for automotive vehicle emissions have been developed and enacted into law: SS22:1997 Standard Specification for Automotive Vehicle Emissions<sup>8</sup>.</li> </ul> </li> <li>● <b>Fuel Sulphur content:</b> (in ppm) ???</li> <li>● <b>Restriction on used car importation:</b> <ul style="list-style-type: none"> <li>● All motor vehicles imported require an import permit and should not be older than 3 years old<sup>9</sup>.</li> </ul> </li> <li>● <b>Actions to expand, improve and promote public transport and mass transit: ???</b></li> <li>● <b>Actions to promote non-motorized transport:</b> (ex: include sidewalks and bike lanes in new road projects, car-free areas etc.) ???</li> <li>● <b>Other transport-related actions: ???</b></li> </ul>
REDUCE EMISSIONS FROM OPEN BURNING OF AGRICULTURAL / MUNICIPAL	<ul style="list-style-type: none"> <li>● <b>Outdoor, open burning:</b> (ex: is it commonly done? burning what kinds of wastes? etc.) <ul style="list-style-type: none"> <li>● Municipal waste burning is commonly practiced in the landfills<sup>10</sup>.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>● <b>Legal framework:</b> (ex: is burning banned?) ???</li> <li>● <b>Actions to prevent open burning of municipal waste and / or agricultural waste: ???</b></li> </ul>

<sup>4</sup> Environment Protection Act; <http://www.seyllii.org/sc/legislation/consolidated-act/71>

<sup>5</sup> [http://www.reegle.info/countries/seychelles-energy-profile/SC#renewable\\_energy](http://www.reegle.info/countries/seychelles-energy-profile/SC#renewable_energy)

<sup>6</sup> Energy Efficiency (EE) Practices; file:///C:/Users/opiyog/Downloads/seychelles\_-\_workshop\_energy\_efficiency\_nairobi.pdf

<sup>7</sup> Environment Protection Act; <http://www.seyllii.org/sc/legislation/consolidated-act/71>

<sup>8</sup> National Implementation Plan; [https://www.unido.org/fileadmin/user\\_media/Services/Environmental\\_Management/GUDDIS/Legal\\_Frameworks/NIPSeychellesfinal.pdf](https://www.unido.org/fileadmin/user_media/Services/Environmental_Management/GUDDIS/Legal_Frameworks/NIPSeychellesfinal.pdf)

<sup>9</sup> <http://www.simbashipping.com/shipping-destinations/seychelles/rules-and-regulations/>

<sup>10</sup> [http://www.s4seychelles.com/uploads/6/1/6/7/6167574/s4s\\_report\\_status\\_of\\_waste\\_managemanet\\_in\\_seychelles.pdf](http://www.s4seychelles.com/uploads/6/1/6/7/6167574/s4s_report_status_of_waste_managemanet_in_seychelles.pdf)

WASTE (OUTDOOR)		
REDUCE EMISSIONS FROM OPEN BURNING OF BIOMASS (INDOOR)	<ul style="list-style-type: none"> <li>● <b>Dominant fuels used for cooking and space heating:</b> <ul style="list-style-type: none"> <li>● Less than 5% of households are using solid fuels for space heating and cooking<sup>11</sup>.</li> </ul> </li> <li>● <b>Impact: ???</b></li> </ul>	<ul style="list-style-type: none"> <li>● <b>Indoor air pollution regulated:</b> No</li> <li>● <b>Promotion of non-grid / grid electrification: ???</b></li> <li>● <b>Promotion of cleaner cooking fuels and clean cook stoves: ???</b></li> <li>● <b>Other actions to reduce indoor biomass burning, or to reduce its emissions: ???</b></li> </ul>

**Secondary Sources used in the research:**

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<sup>11</sup> Country profile of Environmental Burden of Disease; [http://www.who.int/quantifying\\_ehimpacts/national/countryprofile/seychelles.pdf?ua=1](http://www.who.int/quantifying_ehimpacts/national/countryprofile/seychelles.pdf?ua=1)