

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 and George.Mwaniki@unep.org.

VENEZUELA, BOLIVARIAN REPUBLIC OF		
GOALS	CURRENT STATUS	CURRENT / PLANNED POLICIES & PROGRAMMES
GENERAL OVERVIEW	<ul style="list-style-type: none"> ● Overall situation with respect to air quality in the country, including key air quality challenges: Venezuela has the world's cheapest fuel, which encourages use of cars – Caracas has clogged streets and air pollution as a result ● Air quality monitoring system: ??? ● Government began a series of consultations with the public about water and air quality in 2014 as part of preparation of new legislation 	<ul style="list-style-type: none"> ● National Ambient air quality standards: PM10, O3 meet WHO Interim Targets; NO2 and SO2 don't meet targets; No PM2.5 ● National Air Quality Policy: No ● Air Quality legislation / programmes: No; however a proposed Law for Water and Air Quality would strengthen the legal framework, and provide for administrative sanctions such as fines or suspension of activities – if an investigation finds violation of the rules, it becomes an environmental crime ● Other:
REDUCE EMISSIONS FROM INDUSTRIES	<ul style="list-style-type: none"> ● Industries that have the potential to impact air quality: petroleum, steel, aluminium, fertiliser, power plants, mining (iron ore, gold, coal, bauxite, nickel) ● GDP of country: \$209 billion ● Industries' share of GDP: 35% ● Electricity sources: hydro (62%), thermal (38%) by installed capacity ● Poor energy efficiency due to low cost of energy 	<ul style="list-style-type: none"> ● Emission regulations for industries: ??? ● Small installation's emissions regulated: (Yes/No) ??? ● Renewable energy investment promoted: Focused on wind and solar power for off-grid rural electrification. The Development Plan for Renewable Energy Sources is a part of the Plan for Economic and Social Development of the Nation 2007-2013 (PDESON); includes incentives for alternative, renewable and environmentally sustainable energy sources, although currently no economic incentives and tax exemptions offered; the PDESON policies and strategies also include the goal "to increase the generation of electricity with fossil energy". Renewable energy target (500MW wind power by 2019), with a strategy / law under development ● Energy efficiency incentives: (ex: Subsidies, labelling, rebates etc) No ● Incentives for clean production and installation of pollution prevention technologies: ??? ● Actions to ensure compliance with regulations: (monitoring, enforcement, fines etc) proposed

		<p>legislation provides for administrative sanctions such as fines or suspension of activities – if an investigation finds violation of the rules, it becomes an environmental crime</p> <p>● Other actions at national, sub-national and / or local level to reduce industry emissions: ???</p>
REDUCE EMISSIONS FROM TRANSPORT	<p>● Key transport-related air quality challenges: cheap fuel has encouraged use of private vehicles without regard to fuel efficiency; lot of older vehicles as well – 77% of vehicles are older than 5 years old and almost 30% of all vehicles are more than 15 years old with higher fuel consumption and emissions</p> <p>● Public transport vehicles are privately owned; only 5 – 7% have ecological engines, and almost 75% are over 30 years old</p>	<p>● Vehicle emission limit: Euro 1</p> <p>● Fuel Sulphur content: 2,000 ppm</p> <p>● Restriction on used car importation: Banned</p> <p>● Actions to expand, improve and promote public transport and mass transit: bus factory ;being built to generate local production of buses and parts; introduction of NGV buses; new Metro line under construction (Caracas)</p> <p>● Actions to promote non-motorized transport: (ex: include sidewalks and bike lanes in new road projects, car-free areas etc) ???</p> <p>● Other transport-related actions:</p>
REDUCE EMISSIONS FROM OPEN BURNING OF AGRICULTURAL / MUNICIPAL WASTE (OUTDOOR)	<p>● Outdoor, open burning: Open burning of municipal waste is common</p>	<p>● Legal framework: (ex: is burning banned?) ???</p> <p>● Actions to prevent open burning of municipal waste and / or agricultural waste: ???</p>
REDUCE EMISSIONS FROM OPEN BURNING OF BIOMASS (INDOOR)	<p>● Dominant fuels used for cooking and space heating: 5% use solid fuels</p> <p>● Impact: 200 deaths/year from indoor air pollution (unknown for outdoor)</p>	<p>● Indoor air pollution regulated: (Yes / No) ???</p> <p>● Promotion of non-grid / grid electrification: 98% electrification, but electricity shortfall due to various issues; some wind and solar power promoted for off-grid rural electrification</p> <p>● Promotion of cleaner cooking fuels and clean cook stoves: ???;</p> <p>● Other actions to reduce indoor biomass burning, or to reduce its emissions:</p>

Secondary Sources used in the research: <http://www.cleanairinstitute.org/calidaddelaireamericalatina/cai-report-english.pdf>, http://www.unep.org/Transport/new/PCFV/pdf/Maps_Matrices/LAC/matrix/LAC_FuelsVeh_June2015.pdf, <http://latinlawyer.com/>, http://www.irena.org/DocumentDownloads/Publications/IRENA_RE_Latin_America_Policies_2015.pdf, <http://airlex.web.ua.pt/pm10>.

http://www.who.int/quantifying_ehimpacts/national/countryprofile/en/#I, <http://www.nrdc.org/international/files/latin-america-diesel-pollution-IB.pdf>, <http://www.reegle.info/countries/venezuela-energy-profile/VE>, <http://www.telesurty.net/english/news/Venezuela-Starts-Public-Consult-on-Air-and-Water-Legislation-20141208-0067.html>, <http://www.rnv.gob.ve/law-for-water-and-air-quality-guarantees-a-safe-and-secure-environment/>, <http://www.npr.org/templates/story/story.php?storyId=6542617>, <http://panampost.com/elisa-vasquez/2014/05/21/currency-crisis-echoes-throughout-venezuelas-transportation-industry/>, http://www.temasactuales.com/laws_policies/legislation_Venezuela.html, http://usa.chinadaily.com.cn/world/2015-07/27/content_21414525.htm, http://www.pdvsa.com/index.php?tpl=interface.en/design/salaprensa/readnew.tpl.html&newsid_obj_id=9429&newsid_temas=1

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