

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.

SAMOA, INDEPENDENT STATE 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: Increased vehicle ownership in Apia ● Air quality monitoring system: ??? 	<ul style="list-style-type: none"> ● National Ambient air quality standards: No ● National Air Quality Policy: ??? ● Air Quality legislation / programmes: ??? ● Other:
REDUCE EMISSIONS FROM INDUSTRIES	<ul style="list-style-type: none"> ● Industries that have the potential to impact air quality: power generation ● GDP of country: \$2 billion ● Industries' share of GDP: 28% ● Electricity sources: diesel (63%), hydro (36%), coconut oil biofuel (0.6%), solar PV (0.01%) 	<ul style="list-style-type: none"> ● Emission regulations for industries: ??? ● Small installation's emissions regulated: (Yes/No) ● Renewable energy investment promoted: Strategy for the Development of Samoa 2012-2016 aims to increase investment in renewable energy; Introduction of a solar grid system and a biomass gasification unit in 2012 ● Energy efficiency incentives: (ex: Subsidies, labelling, rebates etc) Promotion of energy efficiency is part of the Strategy 2012-2016 ● Incentives for clean production and installation of pollution prevention technologies: ??? ● Actions to ensure compliance with regulations: (monitoring, enforcement, fines etc) ??? ● Other actions at national, sub-national and / or local level to reduce industry emissions:
REDUCE EMISSIONS FROM TRANSPORT	<ul style="list-style-type: none"> ● Key transport-related air quality challenges: Increased use of private vehicles, especially in Apia, has led to congestion-related pollution; many of the cars are older, and there is a preference for large and less 	<ul style="list-style-type: none"> ● Vehicle emission limit: (Euro rating) ??? ● Fuel Sulphur content: (in ppm) ??? ● Restriction on used car importation: Vehicles over 8 years old are banned

	efficient models	<ul style="list-style-type: none"> ● Actions to expand, improve and promote public transport and mass transit: ??? ● Actions to promote non-motorized transport: (ex: include sidewalks and bike lanes in new road projects, car-free areas etc) ??? ● Other transport-related actions: IUCN-funded project to promote fuel efficiency
REDUCE EMISSIONS FROM OPEN BURNING OF AGRICULTURAL / MUNICIPAL WASTE (OUTDOOR)	<ul style="list-style-type: none"> ● Outdoor, open burning: burning of municipal waste common 	<ul style="list-style-type: none"> ● Legal framework: (ex: is burning banned?) ??? ● Actions to prevent open burning of municipal waste and / or agricultural waste: ???
REDUCE EMISSIONS FROM OPEN BURNING OF BIOMASS (INDOOR)	<ul style="list-style-type: none"> ● Dominant fuels used for cooking and space heating: 70% use solid fuels (wood, coconut husks) ● Impact: Unknown 	<ul style="list-style-type: none"> ● Indoor air pollution regulated: No ● Promotion of non-grid / grid electrification: Samoa Photovoltaic Rural Electrification Programme to provide electricity to the 5% who aren't connected ● 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, <http://samoaoobserver.ws/other/community/8317-residents-concern-at-air-pollution>, <http://www.reegle.info/countries/>, http://digitalcollections.sit.edu/cgi/viewcontent.cgi?article=1220&context=isp_collection, https://iucn.org/news_homepage/news_by_date/2013/?13372/Samoa-aims-for-energy-efficient-transport-sector