

UNEP 'Actions on Air Quality' Report Update: Questionnaire to Member States

Personal Information

Who is responding to the questionnaire?

Full Name:

Country:

Region:

- Africa
- Asia and the Pacific
- Latin America and the Caribbean
- Europe
- North America
- West Asia

Ministry/Department:

Professional title:

Email Address:

***This information will not be published; it will only be used for UNEP consultation purposes.**

Part A: Country profile

[Country Profile](#) > [Industrial emissions](#) > [Transport](#) > [Solid waste management](#) > [Residential](#) > [Agriculture](#) > [Submit](#)

Air quality management

1. Is there a national air quality management strategy/framework/plan of action in **[Name of Country]**?

- Yes No

[Pop-up questions if answer to Question 1 is Yes]

1.1 Provide links to access the strategy/framework/plan of action

URL link:

1.2 Does the constitution of **[Name of Country]** recognize the right to clean air?

- Yes
 No

1.3 Inform in which article of the constitution we can find reference to right to clean air

[50 words max]

1.4 Which institutions are responsible for implementing the air quality management strategy?

[50 words max]

1.5 How is the strategy implemented?

Select all that apply

- National air quality action plan
 Sectoral plans
 A clean air Act
 Other:

1.6 Are there clean air action plans at subnational levels (for regions and/or cities)?

- Yes
 No

[Conditional question if 1.6 is Yes]

Which regions and/or cities? Please add a link to each action plan.

[50 words max]

Air quality standards

2. Does [Name of Country] have national ambient air quality standards?

- Yes No

[Pop-up questions if answer to Question 2 is Yes]

2.1 Provide links to access the national ambient air quality standards

URL link:

2.2 Which ambient air pollutants are regulated?

Select all that apply

- PM_{2.5}
 PM₁₀
 Ozone (O₃)
 Nitrogen Dioxide (NO₂)
 Sulphur Dioxide (SO₂)
 Volatile Organic Compounds (VOCs)
 Lead (Pb)
 Other:

2.3 Are these air quality standards legally enforceable?

- Yes, legally enforceable through laws, regulations or other similar instruments
 No, recommended guidelines with no legal force

[Conditional question if 2.3 is Yes]

List below the institutions responsible for enforcement of standards.

[50 words max]

Air quality monitoring

3. Does [Name of Country] have a national ambient air quality monitoring network?

- Yes, continuous monitoring at multiple sites
- Yes, a monitoring network exists but is not operational
- Yes, monitoring done periodically at a few sites
- No monitoring

[Pop-up question if answer to question 3 is Yes, network exists but not operational]

Why it is not operational? – Let us know what are the challenges and problems that prevent a fully operational monitoring network (e.g. outdated infrastructure, lack of maintenance, etc.) [100 words max]

[Pop-up questions if answer to Question 3 is Yes]

3.1 Which type of monitoring is used in the network?

Select all that apply

- Stationary reference monitors Mobile reference monitors
- Hybrid network with both stationary and mobile reference monitors
- Low-cost sensors Passive samplers
- Other:

3.2 Which ambient air pollutants are monitored?

Select all that apply

- PM_{2.5} PM₁₀ Ozone (O₃) Nitrogen Oxides (NO_x)
- Nitrogen Dioxide (NO₂) Sulphur Oxides (SO_x)
- Sulphur Dioxide (SO₂) Volatile Organic Compounds (VOCs)
- Lead (Pb) Other:

3.3 Which institutions are responsible for air quality monitoring?

[50 words max]

3.4 Are there air quality monitoring networks at sub-national level (in regions and/or cities)?

- Yes
- No

[Conditional question if 3.4 is Yes]

Please specify which regions and/or cities

[50 words max]

Part B: Actions on Air Quality



Country Profile > Industrial emissions > Transport > Solid waste management > Residential > Agriculture > Submit

Industrial emissions

4. Are there incentives and/or policies in [Name of Country] to promote cleaner production, energy efficiency and pollution abatement for industries?

- Yes No

[Pop-up questions if answer to Question 4 is Yes]

4.1 Briefly describe the incentives and/or policies from [Name of Country].

[No word limit]

4.2 Are national emission standards for industries contained in laws or regulations?

- Yes No

4.3 Provide the links for the standards.

URL link:

5. Which of the following measures have been implemented in the past 5 years (2015 – 2019)?

- Increased investment in renewable energy and energy efficiency Policies on efficient resource use (fuel and electricity)
- Industrial emission standards and regulations Policies and legal frameworks to promote cleaner production
- Use of environmental impact assessments to regulate industries
- Other: No measures implemented

[Subsidiary question if any measure is selected in 5 above]

5.1 How is the impact of the above measured?

- Continuous air quality monitoring National emissions inventory for the industrial sector
- Source apportionment studies Cost benefit analysis Health impact assessments
- Air quality modelling and scenario analysis Other:



Transport

6. Are there national vehicle emission standards in **[Name of Country]**?

- Yes No

[Pop-up questions if answer to Question 6 is Yes]

6.1 Provide links to access the transport standards.

URL link:

6.2 Specify whether the standards are:

- Less than Euro 4 equivalent Euro 4 equivalent
 Higher than Euro 4 equivalent

6.3 Are fuel quality standards in place?

- Yes No

6.4 What is the maximum allowable sulfur level in petrol, by law?

- 0 – 50ppm 51 – 500ppm above 500ppm

6.5 What is the maximum allowable sulfur level in diesel, by law?

- 0 – 50ppm 51 – 500ppm above 500ppm

6.6 Does **[Name of Country]** have an age limit or ban on used vehicle imports?

- Ban on all used vehicle imports
 Allows only import of vehicles less than 5 years
 Allows import of vehicles above 5 years

7. Which of the following measures have been implemented in the past 5 years (2015 – 2019)?

- Adoption and enforcement of advanced vehicle emission standards (Euro 4 and above) Provision of access to public transport and non-motorized transport infrastructure Adoption of cleaner fuel import and production standards
 Vehicle inspection and maintenance programmes Promotion of electric mobility
 Other: No measures implemented

[Subsidiary question if any measure is selected in 7 above]

7.1 How is the impact of the above measured?

- Continuous air quality monitoring National emissions inventory for the transport sector Source apportionment studies
 Cost benefit analysis Health impact assessments Air quality modelling and scenario analysis
 Percentage of vehicle failure rate to emission standards Other:



Solid waste management

8. Is open burning of agricultural, municipal and/or other forms of solid waste prohibited by law or provisions in the national legislation of [Name of Country]?

- Yes, burning of solid waste is strictly regulated Yes, burning of solid waste is regulated but still practiced
 No, burning of solid waste is not regulated and is practiced

[Pop-up questions if answer to Question 8 is Yes]

8.1 Provide links to access the management of solid waste regulations and policies

URL link:

8.2 Briefly describe the programmes and incentives from [Name of Country] for solid waste management

[No word limit]

9. Which of the following measures have been implemented in the past 5 years (2015 – 2019)?

- Implementation of national or urban solid waste management plans
 Formulation and enforcement of solid waste management regulations Landfill gas recovery
 Improved collection, separation and environmentally sound disposal of solid waste
 Regulating open burning of solid waste Campaigns for behavioral change
 Other: No measures implemented

[Subsidiary question if any measure is selected in 9 above]

9.1 How is the impact of the above measured?

- Continuous air quality monitoring National emissions inventory for the waste sector
 Source apportionment studies Cost benefit analysis Health impact assessments
 Air quality modelling and scenario analysis Other:



Residential (Household Air Pollution)

10. Are there national programmes that promote use of clean energy in households for cooking and heating in [Name of Country]?

- Yes No

[Pop-up questions if answer to Question 10 is Yes]

10.1 Briefly describe the programmes from [Name of Country].

[No word limit]

10.2 Which are the dominant fuels for cooking and heating in [Name of Country]?

Select up to 3

- Natural gas Propane / LPG Electricity Coal / Charcoal
 Wood / Biomass Agricultural crop waste Other:

11. Which of the following measures have been implemented in the past 5 years (2015 – 2019)?

- Adoption of low-emission cooking stoves and fuels Expanding use of Liquid Petroleum Gas (LPG)
 Increased energy efficiency in housing Improve access to green technologies for residential heating
 Other: No measures implemented

[Subsidiary question if any measure is selected in 11 above]

11.1 How is the impact of the above measured?

- Continuous air quality monitoring National emissions inventory
 Source apportionment studies Cost benefit analysis Health impact assessments
 Air quality modelling and scenario analysis Other:



Agriculture

12. The agricultural sector is a major source of ammonia-induced particulate matter and methane (the main precursor of tropospheric ozone) from manure and inorganic fertilizer application.

Does [Name of Country] have incentives to promote sustainable agricultural practices (such as livestock manure management and use of organic fertilizers)?

- Yes No

[Pop-up questions if answer to Question 12 is Yes]

12.1 Briefly describe the programmes and incentives from [Name of Country].

[No word limit]

13. Which of the following measures have been implemented in the past 5 years (2015 – 2019)?

- | | |
|--|--|
| <input type="checkbox"/> Providing alternatives for open burning of agricultural waste | <input type="checkbox"/> Reduced food waste |
| <input type="checkbox"/> Closed storage and improved livestock manure management | <input type="checkbox"/> No measures implemented |
| <input type="checkbox"/> Methane capture for energy use | |
| <input type="checkbox"/> Other: <input type="text"/> | |

[Subsidiary question if any measure is selected in 13 above]

13.1 How is the impact of the above measured?

- | | |
|--|---|
| <input type="checkbox"/> Continuous air quality monitoring | <input type="checkbox"/> National emissions inventory |
| <input type="checkbox"/> Source apportionment studies | <input type="checkbox"/> Cost benefit analysis <input type="checkbox"/> Health impact assessments |
| <input type="checkbox"/> Air quality modelling and scenario analysis | <input type="checkbox"/> Other: <input type="text"/> |

Thank You!

Dear [Name of Respondent],

Thank you for taking time to complete this Questionnaire. Your response is very important to us and will contribute to our analysis of the top actions that lead to improved air quality in [Name of Country], and globally.

We will share the results through a Global Summary Report to be launched at the [fifth session of the United Nations Environment Assembly \(UNEA-5\)](#) in February 2021.

We wish to thank you once again for your valuable time and generous participation in this effort.

Questions and/or clarifications can be emailed to Soraya Smaoun (soraya.smaoun@un.org) and Victor Nthusi (victor.nthusi@un.org).
