

Template to facilitate the submission of examples/good practices of strategies, policies and measures employed to implement obligations under any of the protocols to the Convention on Long-range Transboundary Air Pollution

<p>Country: SPAIN</p>	<p>Pollutant(s): <i>Please indicate the pollutant(s), emissions of which are being controlled</i></p> <p>PM_{2.5}; BC; NO_x; SO_x, NMVOC; NH₃; POP</p>
<p>Protocol(s): <i>Please indicate the name of the protocol(s) to the Convention, obligations under which are being fulfilled</i></p> <p>Gothenburg Protocol, 2012 amended version Further Reductions of Sulphur Emissions Protocol Heavy Metals Protocol POPs Protocol</p>	<p>Sector: <i>Please indicate the sector (e.g. agriculture, industry, urban planning, environment, etc.), or sectors (if several) for which the strategy, policy or measure has been mainly designed</i></p> <ul style="list-style-type: none"> - Residential sector: Wood burning in household appliances and solid fuel heating. Energy consumption. - Air pollutant emissions from landfills - Products with solvents and paints - Transport - Agriculture - Livestock
<p>Type of strategy, policy or measure and the level of implementation: <i>Please identify the type of strategy, policy or measure – economic e.g. incentive or disincentive (taxes, funds, subsidies, prices or caps/ceilings, payments, rebates, etc); voluntary (agreements, programmes, contracts), regulatory (legislation), or other measures (educational, informational, other)</i> <i>Please state at which level (municipal, regional, sub-national, national) the policy, strategy or measure is targeted or implemented</i></p> <p>Creation and distribution of awareness-raising materials to improve public understanding on air pollution and its effects and to promote best practices.</p>	<p>Method used for the current analysis: <i>Please identify the method used for collecting information and the analysis made</i></p>

What is the main objective of the strategy, policy or measure? When has it been implemented/or will be implemented?

Please describe briefly what the measure attempts to achieve or what has been the result of its implementation. Please also describe since when it is being employed or for when its implementation is foreseen. Please explain whether implementation is/was immediate or gradual. [150 words max]

The main objective is to raise awareness and to enhance the public general knowledge on air pollution and its impacts and on the possibility of applying best practices in everyday life to reduce air pollutants emissions.

A secondary expectation is that this will lead to a better understanding and acceptance by the general public of the need for more complex strategies, policies and measures.

Most of the materials have already been distributed in digital format ready for online or printed use to:

- public administrations at national, regional or local level
- sector associations
- civil society organisations

At least one more infographic document on the Air Convention (objectives, working methods, achievements and future challenges) is planned for the short to medium term.

Further outreach activities could be undertaken in the future to broaden the audience reached by the content of the information materials prepared.

Background and driving forces:

Please explain briefly why this strategy, policy or measure was implemented; mention the driving forces for its introduction e.g. policy development, legislation (EU, national), action plans, voluntary, incentive, or other [150 words max]

(All documents linked through the word "link" are in Spanish)

The measures described herein have been included in the Spanish National Air Pollution Control Programme (NAPCP, [link](#)) and its 2023 update ([link](#)).

In developing the plan, it was considered necessary to take action in relation to the fact that many citizens were either unaware of air pollution, its impact on health and the environment and its relation to everyday activities, and/or did not have the tools to make informed decisions on how to reduce air pollution in their daily activities or to evaluate more complex strategies, policies and measures on air pollution.

Description of the strategy, policy or measure:

Please explain briefly how the strategy, policy or measure works and why it has been chosen compared to other policies/measures. Please also explain how its implementation is being monitored. [200 words max]

1. Spanish guidelines for wood-burning in households

Based on the [Code of good practice for wood-burning and small combustion installations](#) (UNECE, 2021) a new document in Spanish was drafted which is mostly a reorganized translation of the parts considered to be more relevant in the Spanish context with some additional explanatory notes:

QUEMA DE LEÑA (truncos, pellets y otros combustibles procedentes de la madera) - Cómo contribuir desde casa a cuidar del planeta y de las personas ([link](#), MITECO 2022)

2. Elaboration of infographics on:

• **Air pollution prevention ([link](#))**

- Spanish NAPCP ([link](#))
- Residential energy consumption and air pollution ([link](#))
- Reducing waste generation in households to prevent air pollutants emissions from landfills ([link](#))
- Sustainable consumption of household products with solvents and paints ([link](#))
- Transport ([link](#))
- Agriculture ([link](#))
- Livestock ([link](#))
- Air pollution and climate change: same origin, sources and causes, but different phenomena ([link](#))

• **Effects of air pollution: air quality ([link](#))**

- Air quality ([link](#))
- Competence of the different Spanish administrations (national, regional and local) on air quality ([link](#))
- Air quality management in Spain ([link](#))

• **POPs and Heavy Metals ([link](#))**

- POPs infography No. 1 ([link](#))
- POPs infography No. 2 ([link](#))
- Mercury infography ([link](#))

3. Outreach documents on POPs ([link](#))

- The chemicals around us ([link](#), MITECO 2021)
- The chemicals around us: PFAS – The eternal chemicals ([link](#), MITECO 2022)

4. Popular educational science

Common guidelines to develop popular science projects on air quality for 8-12 years old school students including measuring of NO₂ as in the CleanAir@School project.

Guía para el desarrollo de proyectos ambientales en centros escolares Calidad del aire y contaminación acústica ([link](#), MITECO 2022)

5. Video presentations ([link](#))

Some of the infographies have been linked into video presentations designed to be displayed in waiting places and transit areas for example in public buildings.

Costs, Funding and Revenue allocation:

Please state how much the implementation of the measure costs including its monitoring and how it is funded (national budget, industry, taxes, etc.) If the measure is creating revenue, please also explain how this revenue is being allocated and collected. [200 words max]

As an illustration on costs, the Guidelines on Wood-burning in households and the infographies on Air Pollution prevention (NAPCP) costed around 15.000 euros.

Effect and impacts on air pollution abatement:

Please explain briefly the effect of the policy, strategy or measure and how it has impacted the abatement of air pollution. If impacts are known, please quantify, if possible. Please highlight also other effects of the implementation of the measure e.g. with regard to compliance, the acceptance of the measure or its transposition (e.g. from a voluntary to a regulatory or another type of measure). [150 words max]

The measures are aimed at achieving gradually more widespread changes in individual citizens' habits. Each individual change has a limited impact on air pollution, but the accumulation of many such individual changes may become relevant at the aggregate level even though it is difficult to quantify.

A qualitative impact is also expected in terms of better understanding and acceptance by the citizens of more complex strategies, policies and measures, not so easily applicable at the individual level, and with more significant and quantifiable impacts on air pollution.

References/Further information: *Please provide most relevant sources for information such as references for web links, books, other resources.*

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Additional comments: *Please include any additional information you may wish to provide here.*