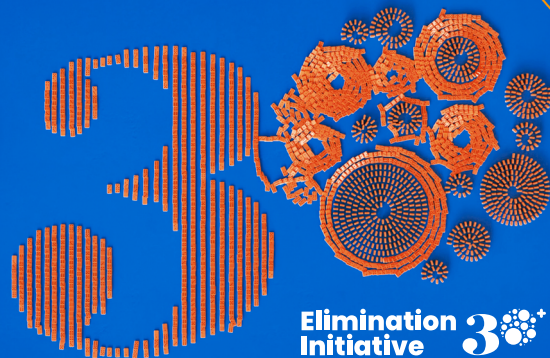


POLLUTING FUELS IN THE HOUSEHOLD



+ Impact goal

Elimination as a public health problem

+ Elimination target

<5% of the population depends on the use of polluting fuels in the household

+ Programmatic target

≥ 95% of the population primarily relies on clean fuels and technologies for cooking (e.g., liquefied petroleum gas, electricity, biogas) in both urban and rural areas

Action steps to achieve elimination

1 Assess situation and map stakeholders:

- Map all relevant stakeholders involved in household energy across sectors to engage them in implementing actions
- Assess use, availability, and health and environmental impacts of clean and polluting fuels used for cooking, heating, lighting, and other household needs

2 Implement policies, programs, and technological interventions:

- Assess and prioritize policies, programs, and interventions to expand access to and use of clean and transitional fuels and technologies based on cost-effectiveness, feasibility, and potential impacts on health outcomes, emissions, and exposure

Best buys

3 Monitor and evaluate performance and impact:

- Implement monitoring and evaluation mechanisms to track progress and assess programs' performance and impacts on outcomes related to household air pollution, health, environment, climate, and livelihoods

4 Empower the health sector to tackle household air pollution:

- Reinforce knowledge of public health workers on the health risks of household air pollution and the benefits of clean energy
- Strengthen the integration of clean household energy messaging into public health and primary care programs

5 Community-based communication and outreach strategies:

- Develop and implement targeted communication strategies to promote the adoption of cleaner cooking solutions. Emphasize the health, economic, and quality-of-life benefits of clean household energy

Note: The World Health Organization has developed the Household Energy Assessment Rapid Tool (HEART) and the Clean Household Energy Solutions Toolkit (CHEST) to support countries in developing and implementing clean energy strategies.

· World Health Organization. Household energy assessment rapid tool (HEART): a template for conducting a rapid situational assessment and stakeholder mapping. Geneva: WHO; 2021. Available from: <https://www.who.int/publications/i/item/9789240043091>.

· World Health Organization. A step-by-step guide and tools to support the implementation of the WHO Guidelines for indoor air quality: Household fuel combustion. Geneva: WHO; 2022. Available from: https://cdn.who.int/media/docs/default-source/air-pollution-documents/air-quality-and-health/final_chest-brochure.pdf.

· World Health Organization. Clean household energy policy and programme planning guide: Practical steps for designing and implementing transitions to clean, healthy household energy. Geneva: WHO; 2023. Available from: <https://www.who.int/publications/i/item/9789240070202>.

More information



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