

THE G20 AND CLEAN COOKING:

AN OPPORTUNITY FOR TRANSFORMATIVE STRIDES IN ENERGY ACCESS AND SUSTAINABLE DEVELOPMENT



THE PROBLEM

The use of open fires and solid fuels for cooking is one of the world's most pressing health and environmental problems, directly impacting close to half the world's population. Inefficient cooking and heating is a root cause of poverty, poor health, gender inequality, and environmental degradation. It leads to more than four million premature deaths each year, making household air pollution the fourth biggest health risk in the world, as well as a major contributor to ambient air pollution. The lack of access to clean cooking energy also increases pressures on forests and habitats and leads to increased emissions of harmful pollutants that contribute to climate change. Women and children are disproportionately affected by this massive global challenge, suffering from the smoke, time poverty, and consequences of deteriorating environments.

THE SOLUTION

The use of clean cookstoves and fuels can dramatically reduce fuel consumption and exposure to toxic smoke. By developing a thriving global market for clean and efficient cookstoves and fuels, we can transform the way the world cooks, enabling substantial, cross-cutting gains for sustainable development and save thousands of lives in the process.

In just five years, the Global Alliance for Clean Cookstoves and its partners have made significant strides toward developing a global market for clean and efficient cookstoves and fuels that is poised to scale and built for sustainable growth. With a continued focus from the G20, our shared work will simultaneously help achieve multiple Sustainable Development Goals.



CONSEQUENCES OF INEFFICIENT COOKING

3 BILLION
people affected

4.3 MILLION
deaths annually

UP TO 25%
of black carbon emissions
from burning solid fuels

\$123 BILLION
Annual health, environmental
and economic cost

ALLIANCE ACCOMPLISHMENTS

49 million households
reached with clean and
efficient cookstoves
and fuels

Alliance partner base grown
from **19 to 1,500+** partners

Over 200 enterprises
strengthened by the Alliance

ISO international standards
process close to finalization
and **WHO Indoor Air Quality
Guidelines launched**

\$265 million in carbon
finance attracted to
the sector

Clean cooking **included**
in the SDGs and many
countries' national
climate plans

CLEAN COOKING AND THE G20

Last year, the G20 came together in Istanbul and made a joint commitment to enhancing energy access and sustainability through the G20 Energy Access Action Plan. The Global Alliance for Clean Cookstoves was pleased to see the inclusion and prioritization of household energy, which is a critical enabler for sustainable development and climate action, as well as an incredible opportunity for the G20 to deliver on its objectives. Now, in 2016, we would like to help advance this commitment to action.

WHAT CAN THE G20 DO TO ADVANCE CLEAN COOKING?

It is imperative that household energy access remain a key area of focus for the G20 and that implementation is comprehensive and expeditious. To tackle energy poverty, reach the Sustainable Development Goals, and advance the aims of the Paris Agreement, it is necessary to scale clean cooking.

The Alliance would like to provide these recommendations for advancing progress:

- 1** Continue to prioritize the implementation of the G20 Energy Access Action Plan and Sustainable Development Goal (SDG) 7, ensuring that clean cooking is incorporated in both discussion and implementation.
- 2** Support countries in establishing beneficial tax and tariff rates necessary to grow the market for clean and efficient cookstoves and fuels.
- 3** Help ensure that financial mechanisms and programming to support energy access, economic development, health, women's empowerment, and climate change mitigation and environmental protection efforts include provisions to support clean cooking.
- 4** Directly support the Alliance and our model as we scale our work to ensure that 100 million households adopt clean and efficient cookstoves and fuels by the year 2020.

As the world works towards implementing the Sustainable Development Goals and addressing climate change, it is particularly important that we invest in scalable solutions at the household level that bring cross-cutting impacts. We believe that implementing these recommendations will yield economically inclusive, short and long-term impacts for the issues most important to the G20.

ABOUT THE GLOBAL ALLIANCE FOR CLEAN COOKSTOVES

The Global Alliance for Clean Cookstoves is a public-private partnership hosted by the United Nations Foundation that seeks to save lives, improve livelihoods, empower women, and protect the environment by creating a thriving global market for clean and efficient household cooking solutions. The Alliance's 100 by '20 goal calls for 100 million households to adopt cleaner and more efficient cookstoves and fuels by 2020. The Alliance is working with its public, private and non-profit partners to accelerate the production, deployment, and use of clean cookstoves and fuels in developing countries.

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THE ALLIANCE PROJECTS THAT BY REACHING OUR 100 MILLION BY 2020 GOAL, WE CAN DELIVER THE FOLLOWING IMPACTS:



640,000
lives saved, including
170,000 children



2.1 million
sector jobs



1.6 billion metric tons
of CO₂e saved



6.2%
of household
income saved



102 hours saved
annually per household
collecting firewood