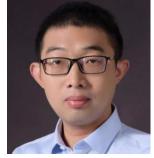
Household Energy (Cooking, Heating, and Lighting) Impacts and Initiatives to Address Them



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HAP to AAP



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HHE Trends in China



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USG/4C Initiatives & Gender
Impacts



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USG Household Energy and Clean Air

BAQ 2023 November 16, 2023













USG Whole of Government Approach



- The Biden Administration is committed to promoting universal access to – and sustained use of – clean household energy fuels and technologies:
 - Climate Leaders Summit Earth Day 2021
 - EPA Administrator Regan's remarks at COP27
 - EPA Administrator Regan's remarks at COP26
- What we do at EPA:
 - Research and testing on stoves and fuels
 - ISO standards development and dissemination
 - Household Energy Policy
 - Engagement with Country Governments
- Engagement across multiple USG agencies:
 - EPA
 - National Institutes of Health
 - Department of State
 - US Agency for International Development





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The Clean Cooking & Climate Consortium (4C)



Who we are

A partnership between:

- Clean Cooking Alliance (CCA)
- United Nations Framework Convention on Climate Change (UNFCCC) Secretariat
- Climate and Clean Air Coalition (CCAC)
- Berkeley Air Monitoring Group
- Stockholm Environment Institute (SEI)

















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The Clean Cooking & Climate Consortium (4C)



What we do

- Encourage country governments to put clean cooking goals in their Nationally Determined Contributions (NDCs)
 - Support implementation activities
 - Provide guidance on measurement, reporting, and verification (MRV) frameworks
- Developing a new cooking and carbon methodology to drive integrity, credibility, and trust in the cooking and carbon markets
- Developing guidance for government officials reviewing proposed cooking and carbon projects credits in their country



Clean Cooking & Gender



- Women and girls bear a disproportionate cost of using polluting cooking technologies and fuels:
 - 2-10 hours/day spent gathering fuel and cooking
 - 60% of deaths from household air pollution are women and children
 - Incidents of gender-based violence when collecting fuel-wood
 - Estimated USD \$800 billion cost of healthcare, safety risks, and lost time



Gender Co-Benefits



Health and safety:

Reduced exposure to HAP, improved maternal and infant health, reduced risk of gender-based violence.

Time savings:

More time for income-generating activities, education, leisure, and rest.

Economic empowerment:

Household savings on fuel, opportunities for cooking-related income-generating activities, employment in local clean cooking sector.



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Thank you!

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