

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



**Sourangsu Chowdhury**  
CICERO  
HAP to AAP



**Guofeng Shen**  
Peking University  
HHE Trends in China



**Olivia Brinks**  
USEPA  
USG/4C Initiatives & Gender  
Impacts



**Anobha Gurung**  
Clean Cooking Alliance  
HHE Implementation in Nepal



**Michael Johnson**  
Berkeley Air Monitoring Group  
BC and Cooking and Carbon  
Methodologies



**Dina Azhgaliyeva**  
Asian Development Bank Institute  
Consumer Clean Heating Choices

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# USG Household Energy and Clean Air

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# 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



# 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)



United Nations  
Climate Change



# 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.





# Thank you!

Olivia Brinks

Email: [brinks.olivia@epa.gov](mailto:brinks.olivia@epa.gov)

Phone: +1 616-550-1072

