

Concept Note

Advancing renewables-based clean cooking solutions: Solutions deep dive on electric cooking

10 May 2023 | 1 to 3 pm CEST

Background

The Sustainable Development Goal 7 (SDG 7) targets on achieving universal access to clean cooking fuels and technologies remains elusive. The latest 2022 SDG 7 Tracking Report finds that over the past decade, access to clean fuels and technologies for cooking rose by only 12 percentage points globally, and under business-as-usual, a quarter of the world's people will still lack access in 2030. The present levels of investments in deploying clean cooking solutions are extremely inadequate resulting in a net growth in the number of people living without access in regions such as Sub-Saharan Africa. Delayed action poses a significant social, economic and environmental cost borne disproportionately by women and children.

Over the next decades, as outlined in IRENA's World Energy Transitions Outlook, the world will need to accelerate its shift to renewable cooking solutions aligned with the 2030 Agenda for Sustainable Development Goals and Climate Agenda. This will involve both cleaner bioenergy solutions (including biogas and bioethanol) and renewables-based electric cooking.

This third solution deep-dive session. The session will explore the barriers and challenges faced by stakeholders especially from a policy, financing and local market development perspective. It will showcase lessons from developing countries and various initiatives highlighting the pathways to accelerate the adoption of electric cooking solutions as part of broader clean cooking strategies.

This webinar is focusing on electric cooking and will take stock of the current progress in the adoption of electric cooking solutions and facilitate in-depth dialogue on how to accelerate deployment as part of a holistic strategy to accelerate clean cooking access. The webinar is being co-organized by IRENA and the [Modern Energy Cooking Services](#) programme which is led by Loughborough University in partnership with ESMAP and funding from UKAID (FCDO). The webinar is the third in a series of [virtual knowledge exchange webinars](#) being organized by IRENA in partnership with leading institutions covering different renewables-based clean cooking solutions, including bioethanol, biodigesters, electric cooking and solid modern biomass.

To register: https://irena-org.zoom.us/webinar/register/WN_DDpbTBlbSbiGPnsvo5YjGA#/registration

Agenda

13.00 – 13.05 **Opening remarks**

Ute Collier, Deputy Director, Knowledge, Policy and Finance Centre, IRENA

13.05 – 13.45 **Designing holistic energy access plans: Where electric cooking fits in?**

Guiding questions

1. What role will electric cooking solutions play to reach universal clean cooking access in the countries you work in?
2. Do existing clean cooking strategies adequately represent the opportunity offered by electric cooking?
3. What are the key policy and regulatory enablers will help translate electric cooking targets and ambitions into connections on the ground?
4. With electric cooking closely linked to the power sector, how are you advancing joint planning efforts between the two sectors?
5. How can utilities effectively support the transition to electric cooking? What lessons are emerging from different countries?

Moderator: Matthew Leach, MECS

Panelists:

Faith Wandera-Odongo, Deputy Director of Renewable Energy, Ministry of Energy and Petroleum, Kenya

Abhishek Kar, Senior Programme Lead, CEEW, India

Peter M. Mwesiga, Project Manager-Strategic Projects, Umeme (Uganda)

Audience Q&A

13.45 – 14.25 **Enhancing enterprise and end-user financing: What has worked and what gaps remain?**

Guiding questions

1. What are the key enterprise and end-user financing gaps that need to be addressed for electric cooking adoption?
2. How can public financing help promote ecooking? How effective is RBF as a financing mechanism?
3. What role can carbon financing play in supporting electric cooking adoption? How can technology platforms be leveraged to improve processes?
4. Is sufficient financing available to support the enabling ecosystem (e.g. for awareness raising, technology innovation, planning, enterprise development)?

Moderator: Malcolm Bricknell, MECS

Panelists:

Anobha Gurung, Director, Nepal, Research, Evidence and Learning, Clean Cooking Alliance

Verena Brinkmann, Senior Energy Advisor, EnDev

Meredith Muthoni Njenga, Senior Financial Analyst, BURN

Shuvasish Bhowmick, Country Director (Bangladesh), ATEC

Audience Q&A

14.25 – 14.30 Closing remarks