

## CECC-Council on Ethanol Clean Cooking

### Concept Note

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

Date: 5 April 2023, Time: 1-3 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 about 2.4 billion lived without access to clean cooking fuels and technologies in 2020. 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 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. According to the WHO, household air pollution was responsible for an estimated 3.2 million deaths per year in 2020, including over 237 000 deaths of children under the age of 5. Furthermore, unsustainable harvesting of biomass resources, especially forest resources is one of the leading causes of deforestation and land degradation, which is accelerating global warming and food insecurity.

Over the next decades, the world will need to accelerate its shift to renewable cooking solutions aligned with the 2030 Agenda for Sustainable Development Goals. This will involve cleaner bioenergy solutions (including biogas and bioethanol) and renewables-based electric cooking.

To address this issue, the Council on Ethanol Clean Cooking (CECC) was launched at COP 27 in Egypt jointly by Mali, Ivory Coast, Madagascar and Kenya. CECC is a multi-stakeholder platform of developing country members, technical and development partners and experts to share technical information and experience, including best practices so as to create a sustainable ethanol industry and associated value-chains in member countries. It engages with developing countries (especially the high impact countries) on the topic of ethanol for clean cooking to increase their awareness, capacities, strengthen their ambition, and lead them towards achieving SDG 7 goal and meeting NDC commitments.

In the above context, IRENA and CECC is jointly organizing this webinar focusing on the role of ethanol in clean cooking. It forms part of 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.

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### Purpose of the session

The *solutions deep-dive: Bioethanol* webinar will explore the barriers and challenges faced by stakeholders especially the private sector, SMEs and entrepreneurs in the bioethanol industry for clean cooking. The session will showcase success stories in developing countries and various initiatives highlighting the challenges and possible solutions.

### Agenda

Time	Topics
13:00 – 13:15	<p>Opening remarks</p> <p>Ute Collier, Deputy Director, Knowledge, Policy and Finance Centre, IRENA</p> <p>Gustave Aboua, Chairman of the Council on Ethanol Clean Cooking (CECC), Director General of Sustainable Development, Ministry of Environment and Sustainable Development, Côte d'Ivoire</p> <p>Alois Mhlanga, Chief, Climate Technologies Innovation Unit, UNIDO</p>
13:15 – 14:10	<p>How does bioethanol fit into national clean cooking strategies?</p> <p>Moderator: Mikael Melin, Head of Programme, SEforALL</p> <p>Scene-setting presentation:</p> <ul style="list-style-type: none"> <li>Dina Bacovsky, Unit Head, BEST (Bioenergy and Sustainable Technologies)</li> </ul> <p>Panelists:</p> <ul style="list-style-type: none"> <li>Emilian Nyanda, Senior Energy Officer, Ministry of Energy, Tanzania</li> <li>Faith Wandera-Odongo, Deputy Director of Renewable Energy, Ministry of Energy and Petroleum, Kenya</li> <li>Frida Mlingi, Executive Director, Consumer Choice Ltd (CCL), Tanzania</li> <li>Sophie Odupoy, Head of Public Affairs, KOKO Networks</li> </ul> <p>Audience Q&amp;A</p>
14:10 – 14:55	<p>What experiences are emerging from building sustainable supply chains and strengthening local enterprises?</p> <p>Moderator: Ute Collier, Deputy Director, KPFC, IRENA</p> <p>Panelists:</p> <ul style="list-style-type: none"> <li>Femi Oye, Founder, Green Energy Biofuels</li> <li>Lewnis Boudaoui, Senior Country Manager, OPEC Fund</li> <li>Linda Davis, Co-Founder, Giraffe Bioenergy</li> <li>Patience Dziegbordi Alifo, Co-Founder, Econexus Ventures Limited, Ghana</li> <li>Thelma Venichand, Ndzilo Mozambique</li> </ul> <p>Audience Q&amp;A</p>
14:55 – 15:00	Closing remarks