



ESEF2021
ECOWAS Sustainable Energy Forum

Session Brief

Session I - Green Hydrogen, A Potential Game Changer for Economic Growth in West Africa and adoption of the ECOWAS Green Hydrogen Strategy Framework

Description:

Hydrogen as fuel for the future has gained global interest in recent years. Today Hydrogen is mostly produced from fossil fuels such as coal, oil and natural gas hence resulting in heavy carbon emissions and the attendant climate impact. Using renewable energy sources such as wind, solar, geothermal or hydropower produce “green” hydrogen which is now seen as a major energy carrier for sustainable energy system.

Green Hydrogen, like other renewable energy and energy efficiency services can contribute significantly to increase to SE4ALL in the region. However, markets for Green Hydrogen technologies and services remain largely underdeveloped in West Africa due to some key barriers already identified for the development and expanded use of this resource and include Policy, legal and regulatory frameworks. ECREEE as a specialized agency of ECOWAS is therefore seeking to support the ECOWAS region to establish and operationalize comprehensive and coherent policy, legal and regulatory frameworks that would create a level playing field for Green Hydrogen technologies and services.

The session will also see the validation of a proposed ECOWAS Green Hydrogen Strategy by the Energy Ministers and experts from the region.

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Overarching Questions:

- What is green hydrogen and how is it produced? How does it differ with other forms of hydrogen?
- Can green hydrogen be produced abundantly in the ECOWAS region?
- What are the possible uses of green hydrogen?
- What is the outlook for green hydrogen, relative to conventional fossil fuels?
- What policy direction should be adopted in order to ensure adoption of Green Hydrogen in the ECOWAS region?

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Proposed format of the session- Moderator is Free to review Format!

“Debate format”

1. Setting the scene - 1 on 1 interviews with panelists:

- Interviewee 1: 7 minutes
- Interviewee 2: 7 minutes
- Interviewee 3: 7 minutes
- Interviewee 4: 7 minutes
- Interviewee 5: 7 minutes

2. Interactive discussion with the three interviewees

- Moderated discussion for 30 minutes

3. Interactive discussion with the three interviewees

- Q&A with the audience for 10 minutes
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Moderator/Chair: Dr Moumini Savadogo, Executive Director, West African Science Service Centre on Climate Change and Adapted Land Use (WASCAL)

Presentations

- Kemo Ceesay, Director of Energy of The Gambia.
- Prof. Rabani Adamu, Overview Green Hydrogen, West African Science Service Centre on Climate Change and Adapted Land Use (WASCAL)
- Dr. Solomon Agbo, Julich Institute
- Dr. Christoph Roevekamp, Director of Energy, Federal Ministry of Education and Research (Germany) (BMBF)
- Baboucarr Njie, ECOWAS Centre of Renewable Energy and Energy Efficiency (ECREEE)

Annex 1: Bios
