Global Bioenergy Partnership Webinar

Advanced liquid biofuels for net zero – How to ensure sustainable and responsible sourcing in supply chains?

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The need to de-fossilize ‘hard-to-abate’ sectors is driving ever-increasing interest in biogenic carbon.
New participants in the Bioeconomy are a boon and a challenge

Every new entrant must consider biomass sustainability and biomass availability.

Opportunity to break out of old paradigms

Opportunity for out-of-date arguments to be resuscitated
5 years ago the Bioeconomy Policy Ecosystem was already crowded.
Today more sectors are creating more sustainability programs

- AVIATION
- MARITIME
- FINANCE
- NGOS
- CLIMATE CAMPAIGNS
In parallel - more ambitious low carbon policies and regulations are being put in place

- RENOVABIO
- CARB
- LCFS
- RED
- RFS
- IRA
- CORSIA
- CAEP
New Conventional Wisdom\textsuperscript{1} regarding the relationship between Biomass, the Energy Transition, and the Circular Economy

• There IS such a thing as sustainable biomass

• But biomass is in very limited supply

• Society must think very hard about how we use this very limited resource

• Pressure for society to decide NOW that biomass is only for SAF and chemicals

\textsuperscript{1} Not including the entrenched positions regarding forest biomass
Diverse regulations places a burden on a nascent industry

- Industry would prefer greater commonality across jurisdictions
- Enabling increased commonality would require an entity that could convene all stakeholders: governments, industry, NGOs, civil society, etc.
MEMBER COUNTRIES

MODE OF ACTION
Enable government-owned Clean Energy Initiatives and Campaigns to

- Exchange knowledge and insights
- Build networks and partnerships
- Facilitate coordinated actions
CEM BIOFUTURE PLATFORM INITIATIVE

WORKSTREAM ON BIOMASS QUANTIFICATION & SUSTAINABILITY GOVERNANCE
BIOFUTURE PLATFORM

A government-led, multi-stakeholder initiative to promote international coordination on the sustainable low-carbon bioeconomy.

- 2016 | Established under the leadership of Brazil
- 2019 | IEA became the Facilitator
  - 2020 | Joined the CEM as the Biofuture Platform Initiative
  - 2021 | U.S. DOE becomes the Chair & Biofuture Campaign launch

MEMBER COUNTRIES

Argentina • Brazil • Canada • China • Denmark • Egypt • Finland • France • Hungary
India • Indonesia • Italy • Morocco • Mozambique • Netherlands • Paraguay • Philippines
  • Portugal • South Africa • United Kingdom • United States • Uruguay

SUPPORTING ORGANIZATIONS

[Logos of various organizations]
Perceived risk – from uncertainty regarding the availability and sustainability of bio- and waste-based feedstocks – is slowing growth of the bioeconomy.

De-risk bioeconomy projects by promoting a clear evidence-based message on biomass feedstock availability and sustainability.

Convene national and local governments, industry, academia, finance, and civil society (including skeptics) to develop an evidence-based, joint understanding of feedstock availability and sustainability.
## Scope and Approach

### The Workstream **will**
- Convene stakeholders to develop evidence-based understandings of sustainable biomass supplies
- Document conditions required for biomass feedstocks to provide fuels, chemicals, and materials that drive impactful reductions in GHG emissions while generating jobs and rural prosperity
- Enumerate policies and regulations that minimize wastes and negative impacts, increase sustainable biomass production, and de-risk biomass use
- Identify areas of mutual agreement and develop an Action Plan to alleviate areas of disagreement

### The Workstream **will not**
- Duplicate the work of others
- Calculate its own estimates of feedstock availability, including the potential energy from sustainable biomass
- Create new sustainability standards, indicators, or certification schemes
- Attempt to ‘redefine’ the concept of sustainability
The CEM Biofuture Community can convene these dialogs

1. Connecting the expertise and policy breadth of FAO, GBEP, IEA, and IRENA with the needs and resources of industry

2. Helping to translate ICAO and IMO frameworks into practical regulations that de-risk investment

3. Assisting new actors in this space, like WEF and GMF, to engage existing bioeconomy policy dialogs.

4. Enabling incumbent organizations like LSB, RSB, ePure, etc to engage new actors
Global Clean Energy Action Forum | PITTSBURGH | 21 – 23 SEPTEMBER

CEO Minister Roundtable

6 Ministers / Senior Officials
- Brazil
- Finland
- India
- Indonesia
- Netherlands
- Portugal

14 Industry leaders
Global Engagement Beyond GCEAF aka CEM13 | MI7

- CEM13/MI7 MINISTERIAL - Pittsburgh
- COP 27 – EGYPT
- G20, WEF, ABLC, Regional Events
- CEM14/MI8 MINISTERIAL > INDIA
Thank you & Watch this space ...