

GLOBAL POLICY EFFORTS FOR SUSTAINABLE FUELS

ISCC Global Sustainable Conference

20 FEBRUARY 2025

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International engagement trajectory

*COP30: The most
Molecular COP ever!*

G20 India

G7 Italy

G20 Brazil

G7
Canada

G20 South
Africa

COP30
Brazil

G20 USA

July
2023

June
2024

October
2024

June
2025

October
2025

November
2025

October
2026



Leveraging High-Level International Dialog to strengthen the role of sustainable fuels & chemicals in national approaches energy security and climate change mitigation

Sustainable Fuels International Progress



2023 G20 India launched the Global Biofuels Alliance



G7 Energy Ministers recognized the Turin Joint Statement on Sustainable Biofuels



G20 Energy Ministers encouraged international stakeholders to increase consistency when assessing GHG emissions and carbon intensity of sustainable fuels.



Clean Energy Ministerial launched the **CEM Action Plan to Accelerate Future Fuels** in which 9 CEM countries pledged to collaborate on promoting



International Energy Agency reports highlight steps to improve consistency and enable fair comparisons of sustainable fuels



Biofuture Platform presented recommendations for carbon accounting to G20 high-level dialogue and released the Global Biomass Resource Assessment



Biofuture Campaign began task forces to address Carbon Accounting, Traceability & Bioresources, and Bio-based Chemicals.

2024: International collaboration created an engine to power support for Sustainable Fuels in the Energy Transition



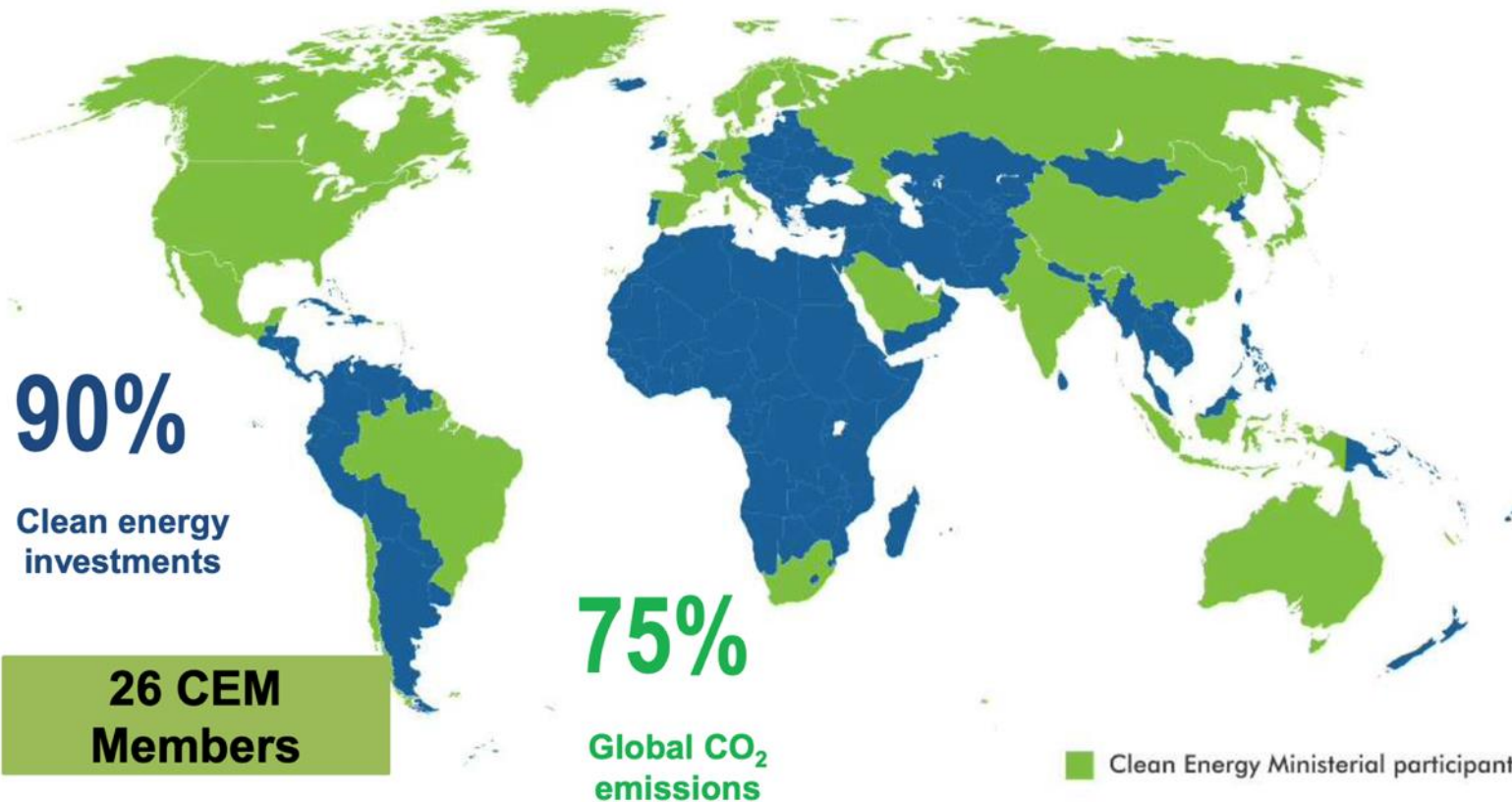


CLEAN ENERGY MINISTERIAL

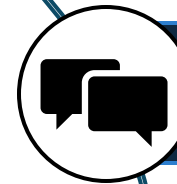
Advancing Clean Energy Together



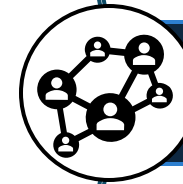
WE WORK TOGETHER
TO MOVE THE WORLD TOWARDS
**A CLEAN ENERGY
FUTURE**



Government-led Initiatives
and Campaigns promote



Exchange of knowledge,
insights, and best practices



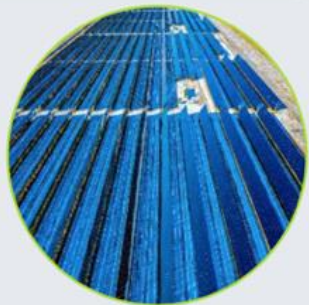
Collaboration through
networks and partnerships



Coordinated actions within
and across sectors

CLEAN ENERGY MINISTERIAL WORKSTREAMS

The work of the CEM consists of country-led initiatives and campaigns



POWER

- 21 Century Power Partnership
- Power System Flexibility
- Nuclear Innovation
- Flexible Nuclear
- International Smart Grid Action Network
- Regional and Global Energy Interconnection



TRANSPORT

- Electric Vehicles
- EV30@30
- Global Commercial Vehicles Drive to Zero



INDUSTRY

- Carbon Capture, Utilization, and Storage
- **(NEW)** Industrial Deep Decarbonisation
- **(NEW)** Green Public Procurement campaign (IDDI)



BUILDINGS

- Super-efficient Appliance and Equipment Deployment (SEAD)



CROSS-SECTORAL

- Hydrogen Initiative
- Global Ports Hydrogen Coalition
- Biofuture Platform
- **(NEW)** Biofuture Campaign



ENABLING ENVIRONMENT

- **(NEW)** Empowering People
- Clean Energy Education and Empowerment
- Equal by 30
- Long-Term Energy Scenarios
- Investment and Finance
- Clean Energy Solutions Center



The Biofuture Campaign is the mechanism for Bio-Based Industries to engage with high-level international processes, including the G7, G20, and Clean Energy Ministerial.

We collaborate with countries and the International Energy Agency to strengthen the evidence base for the production and use of sustainable bio-based Fuels, Chemicals, and Materials.

Mission Statement

The mission of the Biofuture Campaign is to enable the reduction of GHG emissions and foster a circular economy by showcasing pathways by which countries, companies, and consumers can substitute sustainable bio- and waste-based Fuels, Chemicals, and Materials for their fossil equivalents.

Biofuture Campaign Evolution: The Biofuture Campaign created a leaders' coalition of bio-based industry associations and companies



Biofuture Campaign Evolution: Company Members



Biofuture Goals	2024 Accomplishments	2025 Work Plan
Elevate discussion of Bio-based Fuels & Chemicals at Major International Events	<ul style="list-style-type: none"> G7 Turin Joint Statement on Sustainable Biofuels G20 Special Session on Sustainable Fuels Launch of Clean Energy Ministerial Action Plan on Sustainable Fuels 	<ul style="list-style-type: none"> G7 Canada & G20 South Africa: Maintain momentum to include Turin Joint Statement on Sustainable Biofuels G20 Special Session on Sustainable Fuels Implement CEM Action Plan on Sustainable Fuels
Strengthen the evidence base for using sustainable biomass in the energy transition	<ul style="list-style-type: none"> Preparation and launch of the Biofuture Biomass Data Portal by the U.S. Department of Energy Development of a network of international experts 	<ul style="list-style-type: none"> COP30 Blue Zone meeting of Agriculture, Energy & Environment Ministers to announce collaboration on better land use management and tracking Strengthen the Biomass Data Portal via collaboration with Technical Partners, e.g., IEA Bioenergy Task 43
Improve the use of LCA in policymaking for sustainable biofuels	<ul style="list-style-type: none"> Supported two IEA reports showing the need to improve the use of LCA in policymaking for biofuels and all sustainable fuels 	<ul style="list-style-type: none"> 2025 Spring IEA Workshop (29 April) Support IEA reports for COP30 Targets on Sustainable Fuels
Support policies necessary for a vigorous sustainable chemicals industry	<ul style="list-style-type: none"> Built a network of interested stakeholders and held the first discussions of bio-based chemicals at the G20 	<ul style="list-style-type: none"> Solidify the international collaboration on sustainable chemicals and materials by collaborating with UNIDO and CEM Assist Netherlands Government to develop a COP30 Chemicals Commitment

2024 : Biofuture Campaign manages Turin Joint Statement on Sustainable Biofuels

G7 Climate, Energy & Environment Ministers Meeting International Forum on Sustainable Biofuels

28 April 2024 | Castello del Valentino – Torino, Italy



Gilberto Pichetto, Italy's Minister of Environment and Energy Security:

“Sustainable biofuels can and must provide a fundamental contribution to the decarbonisation of the transport sector at a global level.”

- The Statement puts forward a **set of requests for G7 Ministers/Ministries**
- The TJS was referenced in the **G7 Climate, Energy and Environment Ministers Communiqué**
- The TJS will be presented to the G20 Energy Minister's Meeting on **04 October in Foz do Iguaçu, Brazil**
- **100 Signatories** to date recruited by Fuels Europe, ABFA, RFA, Growth Energy, etc.
- Ongoing Signatory recruitment

2024: IEA REPORT | CARBON ACCOUNTING FOR SUSTAINABLE BIOFUELS

Considerable Biofuture Campaign Input

- IEA Workshop on Sustainable Biofuels | April 2024
- ETWG-3 Carbon Accounting Symposium and Workshops | May 2024

For the first time the IEA questioned the use of iLUC in policy making

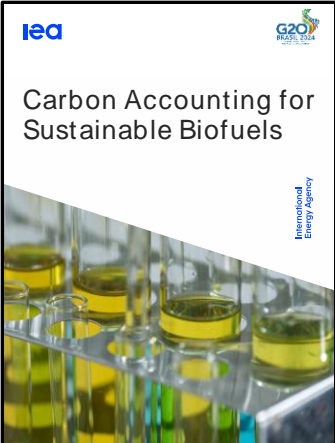
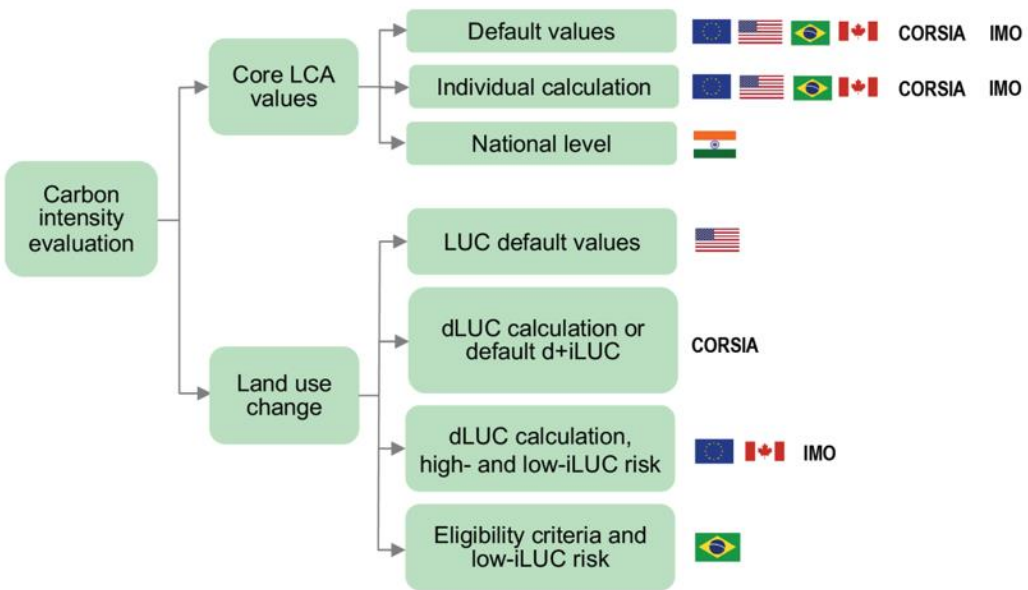


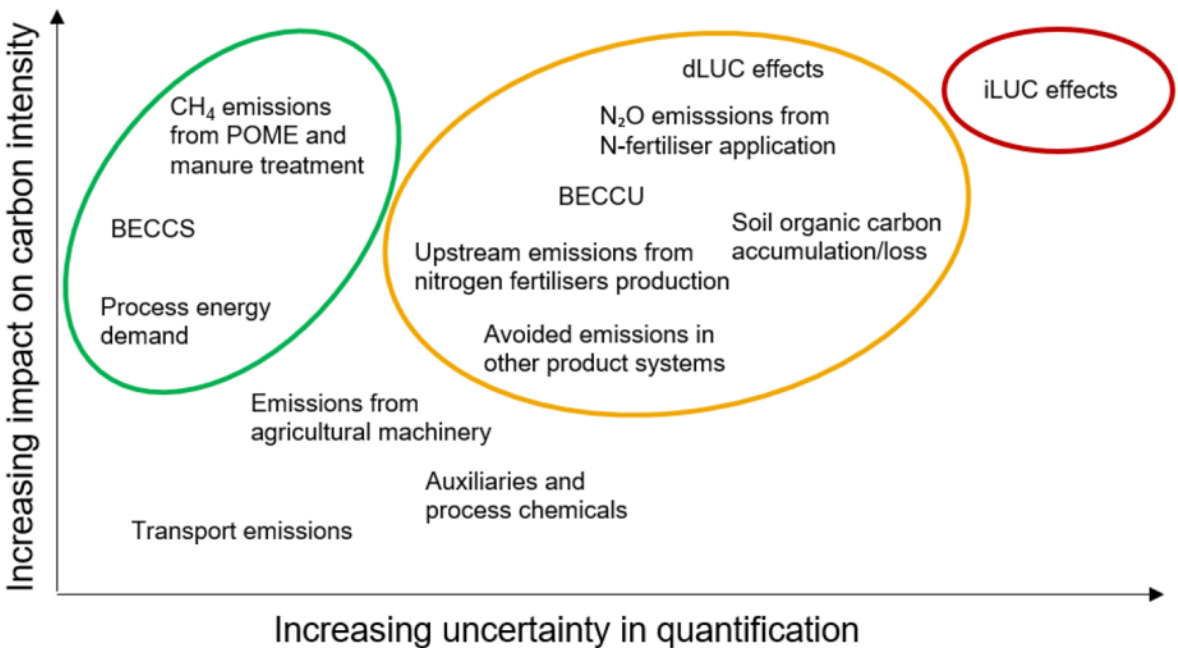
Figure 2.2 Carbon accounting approaches in selected policy frameworks



IEA. CC BY 4.0.

Notes: LCA = lifecycle assessment. dLUC/iLUC = direct/indirect land use change. In core LCA values, Brazil's RenovaBio presents default values for the agricultural phase only.

Figure 4.5 Impacts and uncertainties of the main biofuel carbon intensity determinants



CEM Action Plan to Accelerate Future Fuels



ACTION AREAS



- Increased demand for, and use of, Future Fuels
- Integrated global supply chains for Future Fuels
- Common and transparent standards for lifecycle carbon accounting and sustainability of fuels
- Financing solutions to accelerate deployment

CEM Country-led Initiatives will collaborate to make progress on the action areas:



2025: ISCC and its members can help power the "progress engine"



Ambition for a Sustainable FCM Target at COP30

Total emissions reduction ambition X [in % or Gigatonnes] by date Y [2035 or 2040].

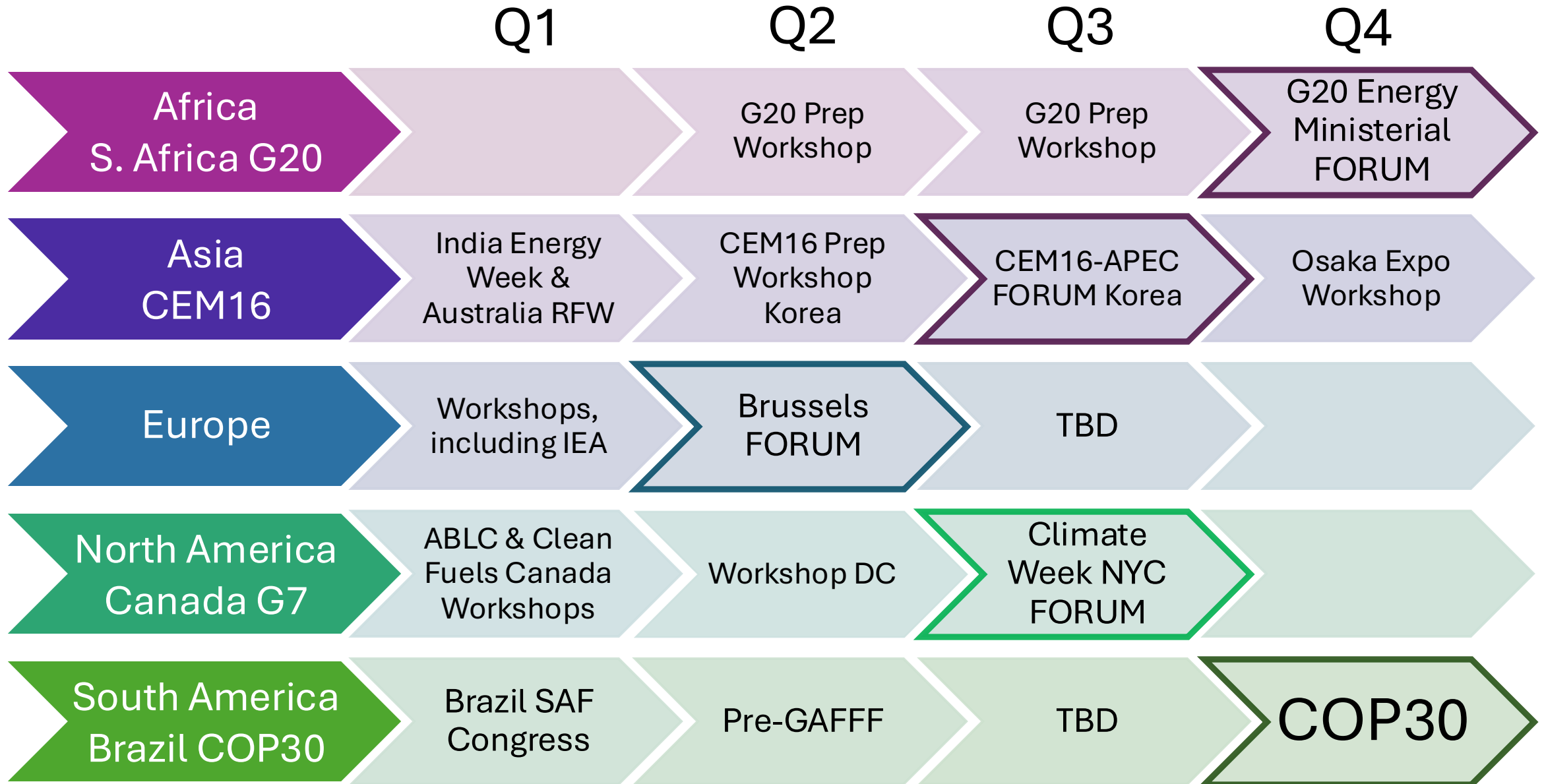
ESSENTIAL SUB-TARGETS

1. Carbon Intensity reduction target for each fuel modality.
2. Financing targets to kickstart the sector.
3. Innovation targets to bring about needed technology development/improvement
4. Energy security and availability targets to ensure an equitable energy transition

BENEFITS

1. Normalize discussion of sustainable fuels, chemicals and materials in policy circles
2. Kickstart practical action
3. Work to overcome current barriers including policy diversity regarding carbon accounting
4. Improve energy security, availability and accessibility

2025 Workshops & Forums by Region



To participate

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