

GLOBAL POLICY EFFORTS FOR SUSTAINABLE BIOFUELS

Biofuture Platform Initiative & Campaign

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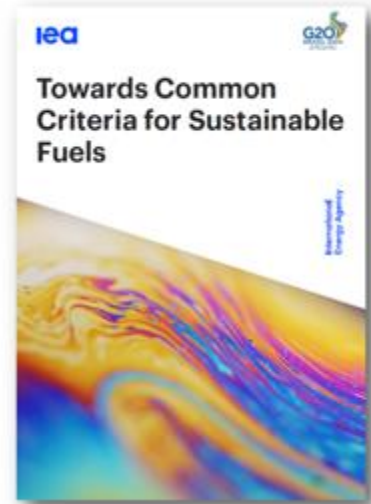
2024: G20, IEA and Clean Energy Ministerial created an engine to power support for Sustainable FCM in the Energy Transition



AMBITION

ACTION

EVIDENCE



CEM Action Plan
to Accelerate
Future Fuels



Biofuture Council Global Role Overview

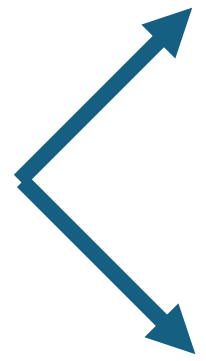
The Biofuture Campaign enables bio-based industries to showcase sustainable biofuels role in

- (1) increasing energy security
- (2) improving rural livelihoods and well-being
- (3) reducing GHG emissions from hard-to-abate sectors

Biofuture Leaders



The Biofuture Leaders section contains two logos. The top logo is for the 'biofuture platform', featuring a green circular icon with a white 'C' and the text 'biofuture platform' in green and black, with the tagline 'Kickstarting a global, advanced bioeconomy' and 'AN INITIATIVE OF THE CLEAN ENERGY MINISTERIAL' below it. The bottom logo is for the 'biofuture campaign', featuring a similar green circular icon with a white 'C' and the text 'biofuture campaign' in green and black, with the tagline 'KICKSTARTING A GLOBAL, ADVANCED BIOECONOMY' and 'A CAMPAIGN OF THE CLEAN ENERGY MINISTERIAL' below it.



Energy Transition Leaders



The logo for the Clean Energy Ministerial, featuring a globe icon and the text 'CLEANENERGY MINISTERIAL' and 'Advancing Clean Energy Together'.



The logo for CEM Future Fuels, consisting of a blue rounded rectangle with the text 'CEM FUTURE FUELS' in white.



The logo for the International Energy Agency (IEA), featuring the letters 'iea' in a stylized blue font and the full name 'International Energy Agency' below it.



International Processes



The International Processes section contains four logos. At the top left is the G7 logo, featuring the flags of the seven major industrialized nations. To its right is the G20 logo, featuring the flags of the twenty largest economies. Below these is the United Nations logo, a blue 'U' and 'N' inside a laurel wreath. At the bottom is the APEC logo, featuring a globe with the letters 'APEC' overlaid.

Biofuture Campaign and the 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

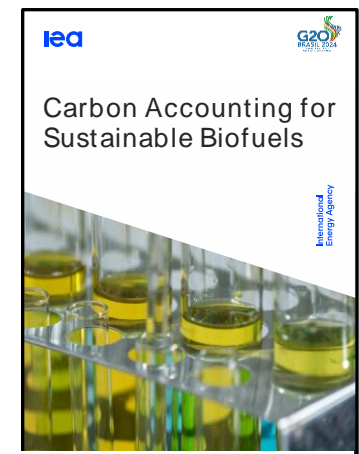
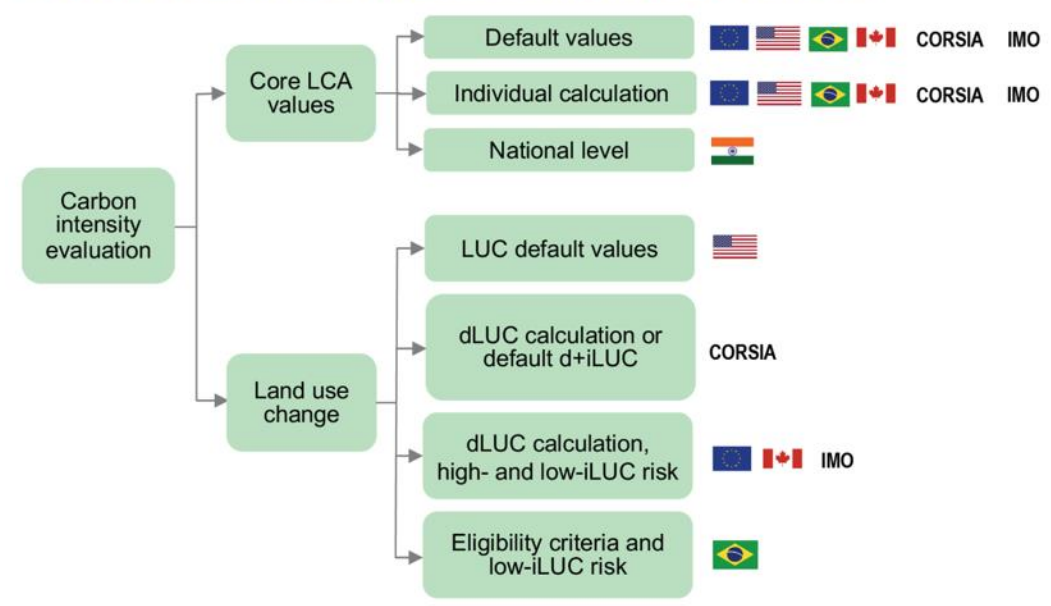
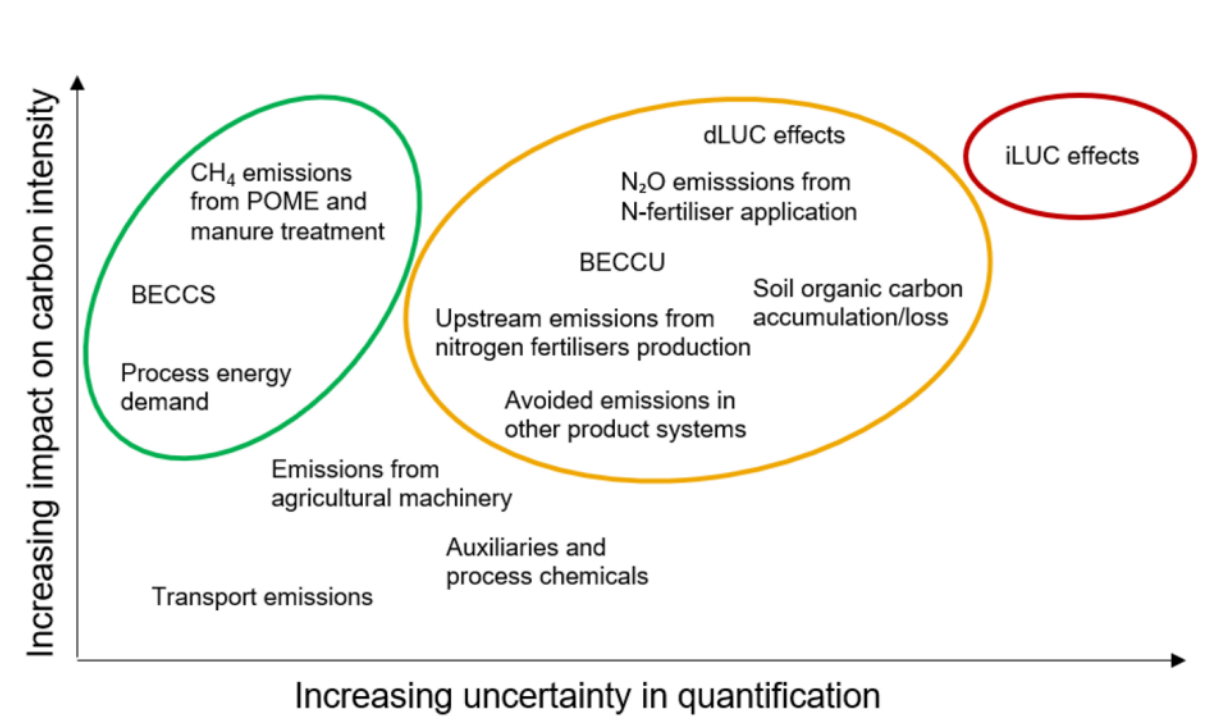


Figure 2.2 Carbon accounting approaches in selected policy frameworks



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

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

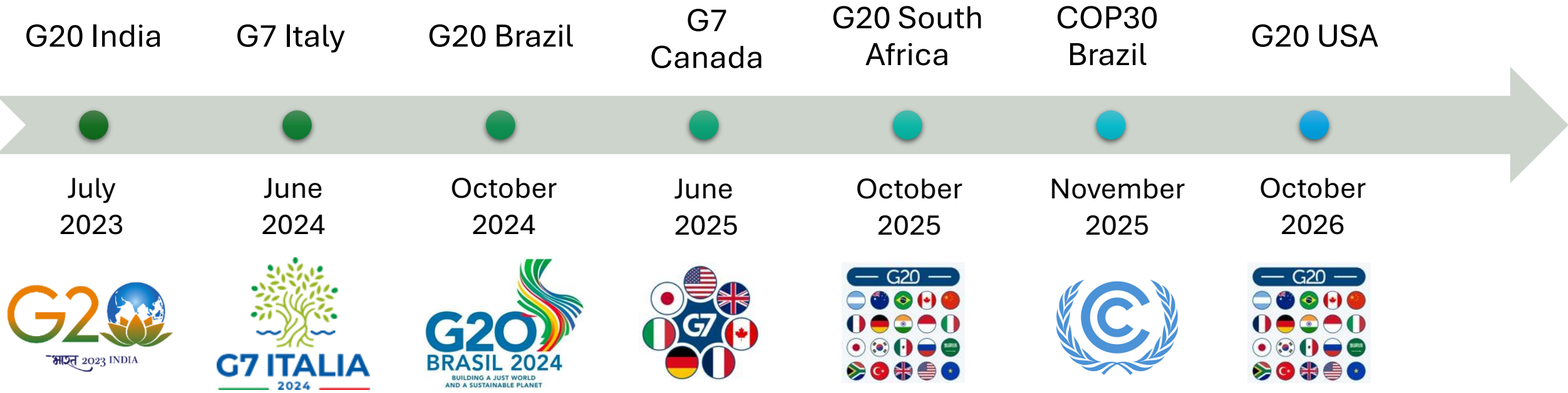


Biofuture Campaign Evolution: The Biofuture Campaign created a leaders' coalition of bio-based industry associations and companies



Biofuture international engagement trajectory

COP30: The most Molecular COP ever!



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

Canada is hosting the G7 Summit in Kananaskis, Alberta in June 2025

- Showcase Canadian leadership on Sustainable Fuels, Chemicals and Materials
- Draw attention to global needs for Sustainable FCM
- Encourage international collaboration on
 1. Clarifying the use of LCA/Carbon Intensity in policymaking
 2. De-risking biomass feedstocks
 3. Accelerating innovation
 4. Realizing the synergies across Biofuels, E-fuels, Hydrogen & CCUS
- The Canadian Energy Ministers meeting should be responsive to the Turin Joint Statement on Sustainable Biofuels
- Building international ambition for COP30
- Creating an Americas Alliance of likeminded companies and industries

