

Action Plan

June 2025 – May 2027



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ACTION 1: Global Sustainable Biomass Supplies

(Seeking support for planned activities)

RATIONALE

Continue work on the Biofuture priority to address the need for internationally accepted benchmarks quantifying the sustainable biomass feedstock supplies at a national or subnational scale, around the world.

GOAL

Establish clearing house for best available, citable data.

PLANNED ACTIVITIES

To be rediscussed based on new Biofuture Plan strategic goals as support is identified.

LEAD ORGANIZATION

USA, Oak Ridge National Laboratory

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ACTION 2: Support G7/G20 and COPs on Strategies to Develop Sustainable Fuels

RATIONALE

In 2025, the South Africa's G20 presidency and especially Brazil's COP30 presidency have identified sustainable fuels, including biofuels, as priority topics in their action agenda, opening an opportunity to engage in the international discussion. This opportunity will continue to be explored in the context of G7/G20 and COP meetings in 2026 and 2027, in consultation with the related presidencies.

GOAL

In 2025, the IEA has been preparing analytical input to develop strategies for delivering sustainable fuels, including on biofuels. The analytical work will be followed by dissemination events to discuss main recommendations and steps forward that are related with biofuels with countries and the biofuels community. It is expected that this work will continue in 2026 and 2027.

ACTIVITIES (TENTATIVE)

2025:

- Workshop on sustainable fuels (29 April 2025, IEA, Paris). This workshop, which was hosted in collaboration with Brazil's COP30 Presidency, brought together more than 80 experts from governments, industry, international organizations and civil society to discuss how to support the adoption of sustainable fuels around the world. *ALREADY IMPLEMENTED*
- CEM16 (25-27 August 2025, Busan, South Korea): Biofuture Platform side event on "Creating Demand for Sustainable Biofuels", plus a few events organized by Biofuture Industry Council. Communication and dissemination opportunity with a wider audience. *ALREADY IMPLEMENTED*

2026-2027:

In consultation with the presidencies of G7/G20 and COP meetings, organize workshops and side events on sustainable fuels, broadening the scope to solid and gaseous fuels (in addition to liquid ones). Part of these events could be organized in collaboration with relevant CEM initiatives.

LEAD ORGANIZATION:

International Energy Agency

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ACTION 3: Advance Standards for Carbon Intensity of Sustainable Feedstocks for Fuels and Chemicals

RATIONALE

Agreements on clear and practical criteria and definition for what is sustainable feedstock for fuels and chemicals, and methods for carbon accounting, are crucial for investment and to build reliable supply chains to meet climate goals.

ACTIVITIES (TENTATIVE)

- Promote adoption of recommendations for more practical, verifiable approaches to carbon accounting (as presented in CEM15 and G20 meetings in 2024) at G7/G20, COP and CEM meetings in 2025, 2026 and 2027 (in consultation with the related presidencies).
- Collaborate on sustainable fuel strategies and actions.
- Promote discussion and common understanding on standards for measurement of carbon intensity of agro-energy projects in degraded/restored lands.
- Outreach to standards bodies and decision makers on best approaches to assess and verify GHG emissions and carbon intensity (UN LCI, ICAO, IMO, EC and others).
- Explore and identify opportunities for the Biofuture Platform to coordinate and advance existing global work on harmonization taking place across relevant organizations, with the aim to promote the establishment of a basic framework enabling interoperability across markets to further support clean fuels investment and deployment.
- Prepare fact sheets on primary sources of disagreement (indirect land-use change - ILUC - and performance-based qualification for sustainable feedstocks).
- Generate common understanding on risk-based ILUC.
- Collaborate and generate evidences on soil organic carbon (SOC).

LEAD ORGANIZATION:

Brazil – Ministry of Foreign Affairs

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ACTION 4: Promote Bio-Based Chemicals and Materials

RATIONALE

Clarify and strengthen policy support for bio-based chemicals and materials.

ACTIVITIES (TENTATIVE)

- Set up and manage a Working Group on Bio-based Chemicals and Materials.
- Discuss key opportunities and challenges regarding global policy support for sustainable chemicals and materials.
- Identify areas of collaboration that contribute to policy alignment, market development, technology scale-up and supply chain coordination.
- Prepare high-level declarations and related events, starting with a declaration and high-level event on bio-based chemicals and materials for COP30, in line with the Action Agenda, building on NL Government work in the EU/EC, the Industry position paper, and results from the Working Group on Bio-based Chemicals and Materials.
- Reiterate declarations, explore broadening scope to other sectors, and align content with private sector needs, at high-profile international G2G fora.
- Collaborate with the Integrated Biorefineries Mission to broaden support, align efforts, and enhance synergies in advancing the shared objectives reflected in the declarations.
- Identify key challenges in biochemical and biomaterial value chains to support greater deployment.
- Address synergies with hard-to-abate industrial sectors looking for bio-based carbon as material, such as cement and steel.

LEAD ORGANIZATION:

The Netherlands – Ministry of Climate Policy and Green Growth

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ACTION 5: Institutional Outreach and Cooperation

RATIONALE

Engage with governments and leading international organizations to support BfP's priorities while strengthening coordination and cooperation to advance the global bioeconomy.

ACTIVITIES (TENTATIVE)

- Identify, and engage with, relevant governments and EU institutions, and international organizations (e.g., ICAO, IMO).
- Improve coordination and engagement with leading global bioeconomy organizations (e.g., Global Biofuels Alliance, Global Bioenergy Partnership).
- Improve coordination and engagement with leading bioeconomy research organizations (e.g., IEA Bioenergy TCP, IEA Hydrogen TCP).
- Ensure equal and consistent high-level policy dialogue on biofuels (e.g., liquid, solid, gaseous) and bioproducts (e.g., biocarbon, biochemicals, biomaterials) in all sectors (e.g., road, marine, aviation, heavy industry, buildings) continuing to highlight emerging opportunities and synergies.
- Organise bilateral meetings with members whenever necessary to support engagement in BfP activities.

LEAD ORGANIZATION:

Italy – Ministry of Environment and Energy Security

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