

Turin Joint Statement on Sustainable Biofuels

To Ministers of Canada, France, Germany, Italy, Japan, UK, USA

Torino, Italy
28 April 2024

We the undersigned,

Noting that, despite efforts to diversify energy sources, fossil fuels still meet 95% of the overall energy needs of the transport sector, which currently accounts for 26% of global final energy consumption and for 21% of CO₂ emissions, with road transport being responsible for more than three-quarters of these emissions, we

- Express our full support for ambitious climate and energy policies and the need to de-fossilize all modes of transport as an integral part of these ambitions.
- View sustainable biofuels and related value chains among the main pillars of transport decarbonisation together with electrification, energy efficiency and other sustainable fuels.
- Recognise that during the transition the role of each technology will vary over time and vary by country, as a reflection of its own resources, national context and sustainable development priorities.

We recognize and support statements and commitments in the G7 Hiroshima Leaders' Communiqué, 2023 G7 Climate, Energy and Environment Ministers' Communiqué and the 2023 G7 Transport Ministers' Communiqué to reduce GHG emissions from Aviation, Maritime and Road Transport, including:

Aviation: We commit to accelerate global efforts to achieve the International Civil Aviation Organization (ICAO)'s goal of net-zero emissions in international aviation by 2050, including making an effort for promoting and introducing sustainable aviation fuel (SAF).

Maritime: We reaffirm our commitment to strengthen global efforts to achieve GHG lifecycle zero emissions from international shipping by 2050 at the latest.

Road: We reaffirm our commitment to a highly decarbonized road sector by 2030. Noting that the global vehicle stock is over 15 times more than the new sales vehicles, we recognize the critical importance of swiftly and substantially reducing GHG emissions from the global fleet.

We recognize the importance of assessing GHG emissions from the road sector across its entire life cycle, including raw material extraction, vehicle manufacturing, use and disposal or recycling, in order to realize a highly decarbonized road sector.

Recalling the Biofuture Platform Initiative Statement published at CEM13 in 2022, we highlight the multiple benefits of sustainable biofuels and their value chains, including:

- Increasing energy security, by diversifying energy sources, reducing fuel import dependence, and favouring domestic production.
- Ease integrating into existing logistics, storage and distribution systems and the ability of drop-in fuels to be blended with fossil fuels in any proportion without the need for engine modifications.
- Promoting a culture of circular economy, resilience, and local value creation with well-designed sustainable biofuel supply chains providing opportunities for local employment and growth.
- Supporting the transition to more sustainable agriculture, sequestering and using carbon in soil, and delivering food, feed and energy via policies that reward farmers for implementing best-practices in sustainable, climate smart carbon-neutral/-negative agriculture and forestry.

Noting that, according to the International Energy Agency, the production and use of sustainable biofuels are not currently expanding at the pace and scale to be consistent with a net zero pathway by mid-century,

We the undersigned organizations **ask G7 Ministers** to:

- **Recognise the contribution that sustainable biofuels can bring as part of systematic solutions to de-fossilize aviation, maritime and road transport**, while generating co-products in the bio- and circular-economy area, recovering wastes and utilizing residues.
- **Design and implement predictable and long-term oriented policies**, to facilitate the investments needed for the widespread deployment of innovative, sustainable biofuel technologies and value chains.
- **Support technology-agnostic, evidence-based policies** that enable GHG emissions reductions from aviation, maritime and road transport based on a full Life-Cycle Assessment (LCA) approach.
- **Empower consumers (B2B and private) to choose net-zero and circular products**, based on transparent product and environmental carbon

footprints, and lead the way through public procurement and private buyer initiatives endorsed by G7 governments.

- **Foster innovation across the bioeconomy**, to expand biomass feedstock supply through innovation in agricultural markets and value chains such as the adoption of sustainable agricultural practices and crop rotations, cover-cropping, inter-cropping and multi-cropping, yield improvements and crop production on marginal and degraded lands, and to commercialize new technologies that can convert a wider range of feedstocks including agricultural and woody residues into biofuels.
- **Create an environment that allows for exploring the productive synergies between biofuels, hydrogen and carbon capture usage and storage.**
- **Build consensus regarding the use of carbon accounting and sustainability standards in policymaking**, to reduce regulatory burdens, facilitate trade and increase confidence among consumers, policymakers, and investors regarding the benefits of biofuels across different feedstocks, technology platforms, products and regions.
- **Support capacity-building initiatives** and knowledge-sharing platforms to facilitate technology transfer, skills development, and best practices exchange among stakeholders in the biofuels sector.

The sustainable biofuels industry represents a milestone on the path to the full development of integrated biorefineries, contributing to the progressive replacement of the current oil refinery in the production of sustainable chemicals and fuels, a sector to which industry is committed and already investing efforts and resources.

We thus commend the Italian G7 and Brazilian G20 Presidencies for putting high priority on sustainable fuels, acknowledging initiatives such as the launch of the Global Biofuel Alliance in September 2023 by the Indian Presidency of the G20. We stand ready to support the G7 and G20 in unlocking the potential of sustainable biofuels as the world aims to fulfil its COP 28 aim of transitioning away from fossil fuels.

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SIGNATORIES

Torino, Italy

updated 30 April 2024

COMPANY/ASSOCIATION	COUNTRY/REGION
Advanced Biofuels Associations	USA
Advanced Biofuels Canada	CANADA
Airbus	EU
aireg	GERMANY
APERTO	PORTUGAL
Argent Energy	UK
ASSITOL	ITALY
ASSOBIODIESEL	ITALY
ASSOCOSTIERI	ITALY
Assossgasliquidi	ITALY
Biofuels Partners srl	EU
Bioenergy Australia	AUSTRALIA
bp	UK
CEPSA	EU
Cleaner Fuels Alliance of Australia	AUSTRALIA
Coldiretti	ITALY

Consorzio Italiano Biogas	ITALY
Cruise Line International Association (CLIA)	INTL
DIMETA	NETHERLANDS
Drivkraft Sverige	SWEDEN
Ecostrat	USA
EDL Anlagenbau Gesellschaft mbH	GERMANY
en2x	ITALY
ENEA (National Agency for New Technologies, Energy and Sustainable Economic Development)	ITALY
ENILIVE	ITALY
ENVIEN GROUP	EU
Esterifrance	FRANCE
ETA Florence	ITALY
European Biodiesel Board	EU
European Biogas Association	EU
European Waste-Based and Advanced Biofuels Association	EU
Filieara Italia	ITALY
FS BIOENERGIA	BRAZIL
Fuels Europe	EU
Futura Fuels	NETHERLANDS
Gevo	USA
Growth Energy	USA
HELLENiQ ENERGY	GREECE

IATA	INTL
IP Gruppo api	ITALY
Ital Bi Oil Srl	ITALY
IVECO	ITALY
jEnergy	ITALY
LanzaJet	USA
LanzaTech	USA
Liquid Gas Europe	EU
Methanol Institute	INTL
Mittelstandsverband abfallbasierter Kraftstoffe e.V. (MVaK)	GERMANY
MOL Group	HUNGARY
MVO - The Netherlands Oils and Fats Industry	NETHERLANDS
NESTE	FINLAND
PIVOT Global Bioethanol Coalition	USA
Plataforma Combustiveis Baixo Carbono	PORTUGAL
POET	USA
Politecnico di Torino	ITALY
PRAJ	INDIA
RAIZEN	BRAZIL
Renewable Fuels Association	USA
Repsol	SPAIN
RNG Coalition	USA

RSE (Ricerca sul Sistema Energetico)	ITALY
Shell	UK
Slovak Association of Fuels, Industry and Trade (SAPPO)	SLOVENIA
Spanish Oil Downstream Industry Association (AOP)	SPAIN
Studio Gear Up	NETHERLANDS
Sustainable Aviation Fuels Alliance of Australia	AUSTRALIA
Topsoe	DENMARK
U.S. Grains Council	USA
UFIPEM	FRANCE
União Nacional do Etanol de Milho (UNEM) Brazilian Corn Ethanol Association	BRAZIL
UNICA	BRAZIL
UNIDO	INTL
Unione Energie per la Mobilità (UNEM)	ITALY
Velocys	USA/UK
World Bioenergy Association	INTL
World Energy Council Italia	ITALY
XFuels GmbH	GERMANY