



Support for alternative and renewable liquid and gaseous fuels forum

(policy and market issues)

The **ART Fuels Forum** established under the project: "Support for alternative and renewable liquid and gaseous fuels forum (policy and market issues)", is financed by the European Commission and aims at bringing together selected representatives of:

- the European **A**lternative and **R**enewable **T**ransport **F**uels (**ART Fuels**) production industry
- the transport consumption industry
- the main international cooperation actors and
- the EU policy makers and stakeholders

towards facilitating discussion and elaboration of common issues on policy and market penetration barriers for these fuels.

The project contributes to enhancing and strengthening the understanding of the needs of the ART Fuels sector in view of improving:

- policy understanding and its implementation at European level
- appreciation of market uptake issues
- technology insight and deployment issues
- appreciation of international cooperation, WTO and GHG emissions issues

The Forum integrates a series of organized and structured discussions, plenary meetings, preparation of position papers, etc. towards shaping strategies and policies for market deployment of ART Fuels. ❖



ART Fuels Forum participants coming from:



All logos are property of their respective owners

Project Background

Alternative Renewable Transportation Fuels are sustainable advanced liquid and gaseous fuels, suitable for exploitation in transport applications and derive from a broad range of non-food feedstocks with the use of specialized conversion technologies. Among the fuels considered as ART Fuels, we can list, in principle, fuels from thermochemical and biochemical conversion of lignocellulosic biomass, fuels from algae and microbial biomasses, power to gas/liquid fuels, solar fuels, fuels from industrial waste gases, fuels from municipal solid waste, plastic waste and refinery waste, co-processing of biomass intermediates in existing refineries etc.



Promotion, market penetration and widespread use of ART Fuels in all transport modes is heavily influenced by the actions of the policy-makers and the relevant stakeholders. While the EU has arguably a leading role worldwide regarding the development of state-of-the-art advanced biofuels, the existing policy and regulatory framework should be analysed and reviewed accordingly to allow viable commercialization.

The ART Fuels Forum project supports the EC in formulating a clear policy and market landscape and provides for the creation and the operation of a common platform of competent experts, who will participate in consultations on issues relevant to the policy and market uptake of ART Fuels. ❖

The ART Fuels Forum Structure

The **ART Fuels Forum** directly involves major actors to cover the whole consumption and production areas of alternative and renewable liquid and gaseous transportation fuels. The established Forum consists of a group of selected experts, the Forum Leaders, coming from:

- sectors of **Aviation, Heavy Duty Vehicles, Maritime** and **Passenger Cars**,
- production industries specialized on: **Thermochemical, Biochemical, HVO and Lipid-based, Biomethane, Power to X, Algae to biofuels technologies**, as well as **Future Concepts focusing on syngas fermentation**, etc. and
- main international cooperation actors namely **USA, Canada** and **India**.

The Forum Leaders are supported by a team of Advisers and the **Members** and **Affiliate Members**, a group of around 40 specialized experts on various ART Fuels technologies and transport sectors, who participate in the Forum work under the Leaders' guidance.

Besides the aforementioned Forum Members, a number of **Observers**, representing in principle associations and NGOs, may participate in the Forum's activities by contributing to the discussions with their expertized point of view.

The Forum, in the effort to maximize its impact, has also established collaboration with other relevant initiatives active in the area of ART Fuels, including below50, Biofuture Platform, ETIP-Bioenergy, European Advanced Biofuels Flightpath and IRENA.

Project Officer on behalf of DG ENER/C2 is Dr. Kyriakos Maniatis. Scientific coordinator is Dr. David Chiamonti, President of RE-CORD and Project Manager is Dr. Theodor Goumas, CEO of EXERGIA S.A. ❖



www.artfuelsforum.eu
artfuels@exergia.gr

Project implemented by

