

Decarbonisation of the Transport Sector

In the light of climate change, there is an urgent need to decarbonize our societies. The transport sector is specifically challenging, as transport demand is still growing, and so are the sector's GHG emissions. Electric mobility will not be able to solve this on its own, and advanced renewable transport fuels will be needed to bridge the gap between GHG emission reduction targets and the prospected emission reductions.

A team of experts has assessed the transport sector and its projected development up to 2030 for a number of countries, including Germany, Sweden, Finland, USA, and Brazil. The work was initiated and carried out jointly by two Technology Collaboration Programmes of the International Energy Agency, namely the IEA Bioenergy TCP and the Advanced Motor Fuels TCP, with support of the Directorate General for Energy of the European Commission. The analysis is based on the countries' key strategies for decarbonisation, their current and projected vehicle fleet, and on the availability of conventional and advanced renewable transport fuels.

The results of the analysis will be presented at a workshop kindly hosted by the European Commission.

Transport Decarbonisation Workshop

Albert Borschette Conference Centre

Rue Froissart 36, 1040 Etterbeek,
Brussels, Belgium

18th November, 2019

8:30 - 18:00

Participants are kindly requested to register at

<https://ec.europa.eu/eusurvey/runner/AdvancedRenewableTransportFuelsIEABIOAMF2019>

In case of questions please contact

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The IEA Bioenergy TCP is an international platform of cooperation working in the framework of the IEA's Technology Collaboration Programmes. IEA Bioenergy's vision is to achieve a substantial bioenergy contribution to future global energy demands by accelerating the production and use of environmentally sound, socially accepted and cost-competitive bioenergy on a sustainable basis, thus providing increased security of supply whilst reducing greenhouse gas emissions from energy use.

www.ieabioenergy.com

The Advanced Motor Fuels (AMF) TCP also is an international platform of cooperation working in the framework of the IEA's Technology Collaboration Programmes. AMF's vision is that advanced motor fuels, applicable to all modes of transport, significantly contribute to a sustainable society around the globe. AMF brings stakeholders from different continents together for pooling and leveraging of knowledge and research capabilities in the field of advanced and sustainable transport fuels.

www.iea-amf.org

AGENDA

08:30	Registration and coffee	
09:00	The need for decarbonising the transport sector	Kyriakos Maniatis, EC
	EU perspective	Bernd K�pker, European Commission
	Brazilian perspective	Miguel Ivan Lacerda de Oliveira, Ministry of Energy and Mines, Brazil
	IEA perspective	tbd, IEA
09:30	Availability of renewable transport fuels and electric drivetrains	Kyriakos Maniatis, EC
	Biofuels state of the art and perspective towards 2030	Jack Saddler, IEA Bioenergy Task 39
	Advanced biofuels - What holds them back?	Toshimasa Masuyama, IRENA
	Biofuels compatibility of vehicles	Nils-Olof Nylund, AMF
	Uptake of electric drivetrains	HEV, tbc
10:45	Q&A session	Kyriakos Maniatis, EC
11:15	<i>coffee break</i>	
11:45	The role of renewable transport fuels in reaching national GHG emission reduction targets	Kyriakos Maniatis, EC
	Country assessments on the role of biofuels	Juhani Laurikko, VTT
	The role of electrofuels	Ilkka Hannula, VTT
	Finland	Nils-Olof Nylund, VTT
	Sweden	Magnus Lindgren, Swedish Transport Administration
13:15	<i>lunch break</i>	
14:15	The role of renewable transport fuels in reaching national GHG emission reduction targets (cont.)	Kyriakos Maniatis, EC
	Germany	Franziska M�ller-Langer, DBFZ
	USA	Alicia Lindauer, USDOE
	Brazil	Miguel Ivan Lacerda de Oliveira
15:45	<i>coffee break</i>	
16:15	Are we on track to achieve the 2030 targets?	tbd
	Do national biofuel demands and global availability match?	Adam Brown
	Panel discussion	Adam Brown Jack Saddler, IEA Bioenergy Task 39 Dina Bacovsky, AMF Sakari Oksanen, IRENA Miguel Ivan Lacerda de Oliveira, MME Brazil Marko Janhunen, UPM Dorothee Lahaussois, Toyota
17:45	Closing remarks	Kyriakos Maniatis, EC
18:00	End	