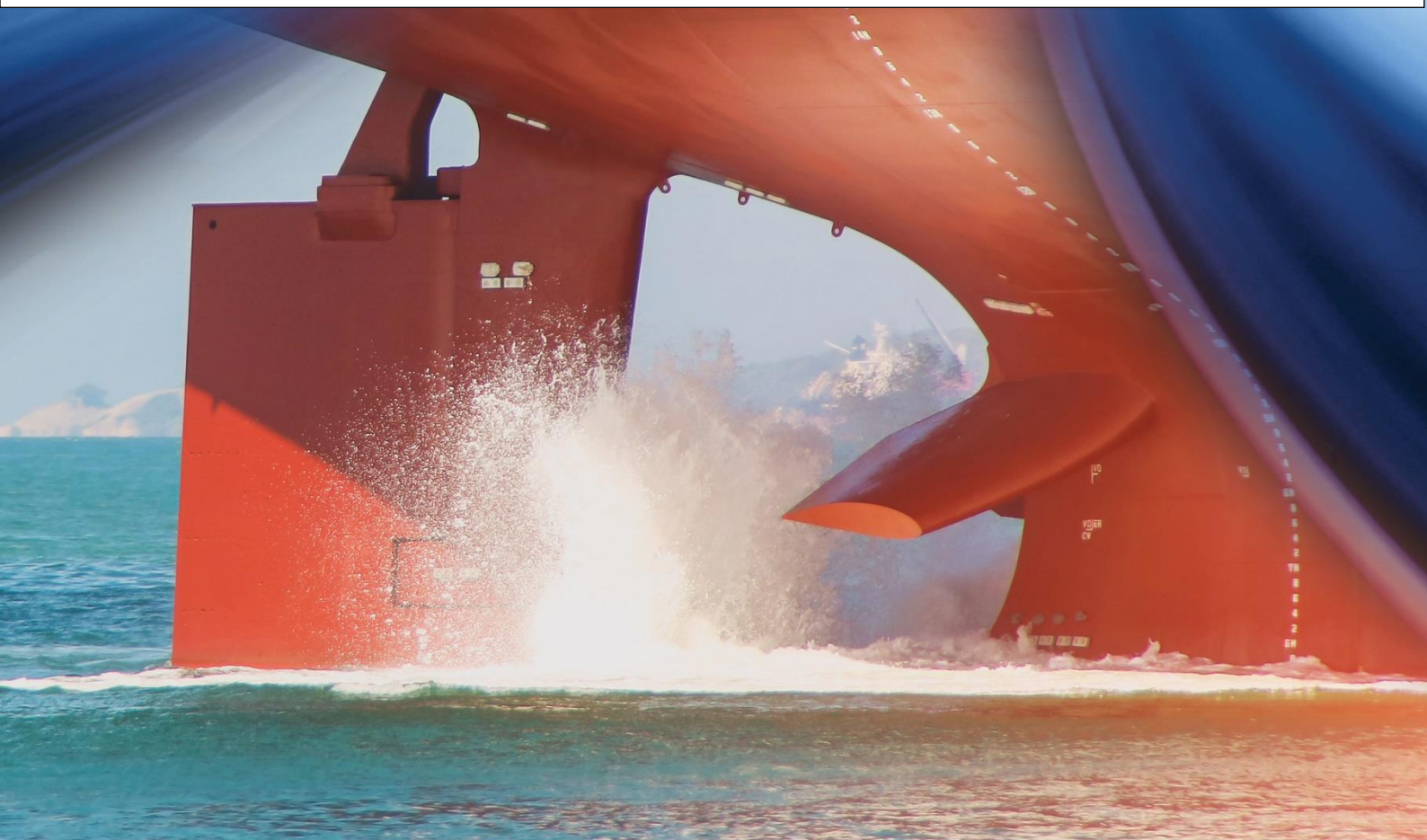


IEA-Advanced Motor Fuels ANNUAL REPORT 2021

Task 28



2.b Task Reports

Task 28: Information Service and AMF Website

Project Duration	January 28, 2004 – Continuous
Participants Task Sharing Cost Sharing	None All contracting parties: Austria, Canada, China, Denmark, Finland, Germany, India, Japan, South Korea, Spain, Sweden, Switzerland, United States
Total Budget	EUR 55,000 (USD 61,000) for 2021
Task Manager	Dina Bacovsky BEST – Bioenergy and Sustainable Technologies GmbH Email: dina.bacovsky@best-research.eu
Website	https://iea-amf.org/content/projects/map_projects/28

Purpose, Objectives and Key Question

The purpose of Task 28 is to collate information in the field of advanced motor fuels and make it available to a targeted audience of experts in a concise manner.

Activities

- Review relevant sources of news on advanced motor fuels, vehicles, and energy and environmental issues in general. News articles are provided by experts in the Americas, Asia, and Europe.
- Publish three [electronic newsletters](#) per year (on average) on the AMF TCP website, and use an email alert system to disseminate information about the latest issues.
 - [Issue No.1](#) / July 2021
 - [Issue No.2](#) / October 2021
 - [Issue No.3](#) / December 2021
- Prepare an Alternative Fuels Information System that provides concise information on alternative fuels and their use for transport. The system covers information on the performance of cars, effects of fuels on exhaust emissions, and compatibility of fuels with the needs of the transportation infrastructure.
- Update the AMF TCP website to provide information on issues related to transportation fuels, especially those associated with the work being done under the AMF TCP. The website, in addition to providing public information, has a password-protected area that is used for storing and distributing internal information for Delegates, Alternates, and Task Managers on various topics (e.g., strategies, proposals, decisions, and Executive Committee meetings of the AMF TCP).
- Since 2020, additional activities also include distributing news on social media. Follow AMF TCP on [LinkedIn](#) and [Twitter](#).

2 ONGOING AMF TCP TASKS

Raw material	Conversion technology	Engine aspects
Paraffinic diesel	Oils and fats – Hydrotreatment Biomass – Gasification, Fischer-Tropsch H ₂ + CO ₂ – electro-fuel synthesis (P2X)	Diesel engines.
FAME biodiesel	Oils/fats + methanol – Transesterification	Diesel engines. Restricted blending of FAME for modern diesel engines.
Methane	Biomass – Anaerobic digestion Biomass – Gasification H ₂ + CO ₂ – electro-fuel synthesis (P2X)	Gas engines.
Methanol, ethanol, ethers (DME, OME), hydrogen	Biomass – Fermentation of sugars Biomass – Gasification and synthesis H ₂ + CO ₂ – electro-fuel synthesis (P2X) Methanol-to-gasoline (MTG)	Special engines.
Bio-oil	Biomass, plastics – Pyrolysis	Not compatible with high-speed diesel engines.

Fig. 1. Overview of biofuel production pathways

Key Findings

The AMF website and newsletters provide a wealth of information on transportation fuels to experts and interested laypersons.

The website covers background information on the AMF TCP and its participants, access to all AMF publications, details on AMF Tasks, and information on fuels and their use in vehicles.

- Delegates to the AMF Executive Committee and Task Managers of AMF Tasks are listed on the website with full contact details and portraits.
- AMF Tasks are briefly described and — where available — final reports and brief key messages are presented. Project descriptions and reports date back to the beginning of AMF in 1984.
- Other publications include AMF annual reports, country reports, newsletters, and brochures.
- Information on specific fuel topics can be found either by searching in the Fuel Information System (see figure above) or by identifying a relevant Task and checking the related report. Knowledge gained through AMF Tasks is frequently added to the Fuel Information System, which thus serves as a reference book for experts and laypersons alike.

Newsletters typically are around 12 pages and are provided electronically (subscription is possible via the website). Topics covered are:

- Demonstration/Implementation/Markets
- Policy/Legislation/Mandates/Standards
- Spotlights on Aviation, Shipping, and Asia
- IEA and IEA-AMF News
- Publications
- Events

The use of social media such as Twitter and LinkedIn is relatively new for AMF. Currently, every week one item is posted both on Twitter and LinkedIn. Items focus on statements from AMF Task reports and Task key messages, and they also promote the AMF newsletter.

Publications

In 2021, three [electronic newsletters](#) were published on the AMF TCP website and distributed through the national networks of the AMF delegates.

The [Alternative Fuels Information System](#) is available on the AMF TCP website. A new section on GHG emissions has been published, and findings from Tasks 51 and 54 have been included in the sections on methane and ethanol, respectively. The [AMF TCP website](#) is updated frequently with information from Tasks and Executive Committee meetings.