

IEA-Advanced Motor Fuels ANNUAL REPORT 2025

Task 28



2.b Task Reports

Task 28: Information Service and AMF Website

Project Duration	January 2004–Continuous
Participants Task Sharing	None
Cost Sharing	All contracting parties: Austria, Brazil, Canada, China, Denmark, Finland, Germany, India, Japan, South Korea, Spain, Sweden, Switzerland, United States
Total Budget	EUR 38,833 (USD 44,836)
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 (Figure 1).

Activities

- Review relevant news sources 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](#) (January 2025)
 - [Issue No. 2](#) (August 2025)
 - [Issue No. 3](#) (December 2025)
- Prepare an Alternative Fuels Information System that provides concise information on alternative fuels and their use for transport. The system contains 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. In addition to providing public information, the website has a password-protected area for storing and distributing internal information for Delegates, Alternates, and Task Managers on diverse topics (e.g., strategies, proposals, decisions, and Executive Committee meetings of the AMF TCP).
- Complete additional activities, including distributing news on social media (beginning in 2020). Follow AMF TCP on [LinkedIn](#).

2 ONGOING AMF TCP TASKS

Fuels for cars	Fuels for heavy duty vehicles	Non-road fuels	Marine fuels	Aviation
Task 56: Methanol as Motor Fuel	Task 57: Heavy-Duty Vehicle Evaluation	Task 65: Powertrain Options for Non-Road Mobile Machinery	Task 60: The Progress of Advanced Marine Fuels, report	Task 63: Sustainable Aviation Fuels, report
Task 54: GDI Engines and Alcohol Fuels	Task 53-2: Sustainable Bus Systems (Phase 2) Task 53-1: Sustainable Bus Systems (Phase 1)	Task 50: Fuel and Technology Alternatives in Non-Road Engines	Task 41: Alternative Fuels for Marine Applications, report	
Task 52: Fuels for Efficiency	Task 51: Methane Emission Control	Task 33: Particle Emissions of 2-S Scooters, report		
Task 43: Performance Evaluation of Passenger Car Fuel and Powerplant Options	Task 49: COMVEC – Fuel and Technology Alternatives for Commercial Vehicles	Task 25: Fuel Effects on Emissions from Non-Road Engines, report		
Task 22: Particulate Emissions at Moderate and Cold Temperatures Using Different Fuels, report	Task 37: Fuel and Technology Alternatives for Buses, report			Lubricants
Task 12: Particulate Emissions from Alternative Fuelled Vehicles (CNG, LPG), report	Task 17: Real Impact of New Technologies for Heavy-Duty Vehicles			Task 16: Biodegradable Lubricants -Diesel, report -Gasoline, report
Task 5: Performance Evaluation of Alternative Fuel/Engine Concepts, report	Task 8: Heavy-duty Vehicles on Alternative Fuels			

Figure 1. Overview of AMF work to compare advanced motor fuels in different transport sectors

Key Findings

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

The website provides background information on the AMF TCP and its participants, access to all AMF publications, details regarding 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 [Fuels Information System](#) or by identifying a relevant Task in Figure 1 or Figure 2 and checking the related report. Knowledge gained through AMF Tasks is frequently added to the system, making it a reference for experts and laypersons alike.

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

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

AMF posts around one item per week on LinkedIn. Items focus on statements from AMF Task reports and Task key messages, and they also promote the AMF newsletter.

Publications

In 2025, the AMF TCP published three [electronic newsletters](#), posted to the AMF TCP website and distributed through the national networks of the AMF Delegates.

The [Fuels Information System](#) is available on the [AMF TCP website](#), which is updated frequently with information from Tasks and Executive Committee meetings.

Life cycle, efficiency, feedstocks	Significance of emissions	Measurement methods	Strategies	Information Services, Fuel standards
Task 64 E-fuels and End-use Perspectives (ongoing)	Task 55 : Real Driving Emissions and Fuel Consumption	Task 62 Wear in Engines using Alternative Fuels (ongoing)	Task 59 Lessons Learned from Alternative Fuels Experience	Task 28 , 24, 9, 2 AMFI Newsletters
Task 52 Fuels for efficiency	Task 42 Toxicity of Exhaust Gases and Particles from IC-Engines – International Activities Survey, report	Task 61 Remote Emission Sensing (ongoing)	Task 58 The Role of Advanced Renewable Transport Fuels in Decarbonising the Transport Sector in 2030 and beyond	Task 27 Standardization of Alternative Fuels -Phase 1, report -Phase 2, report
Task 40 Life Cycle Analysis of Transportation Fuel Pathways, report	Task 7 Comparison of Relative Environmental Impacts of Alternative and Conventional Fuels, report	Task 36 Measurement technologies for Emissions from Ethanol Fuelled Vehicles, report	Task 21 Deployment Strategies for Hybrid, Electric and Alternative Fuel Vehicles, report	AMF Annual Reports
Task 34 1. Analysis of Biodiesel Options, report 2. Algae as a Feedstock for Biofuels, report		Task 29 Evaluation of duty-cycles for Heavy-Duty Urban Vehicles, report	Task 15 Implementation Barriers of Alternative Fuels, report	AMF End of Term Report 2009-2015
Task 19 New Fuels for New Engines		Task 3 Diesel Field Trials and Diesel Field Trials Analyses	Task 11 Forecasting Tools for Alternative Fuels and Related Infrastructure	

Figure 2. Overview of general AMF work on advanced motor fuels