

IEA Bioenergy Task 39

Commercializing Conventional and Advanced Transport Biofuels from Biomass and Other Renewable Feedstocks

Brainstorming Session (virtual) to discuss 2022-2024 Triennium Project suggestions

Tuesday, 10th August, 4:30-6pm CEST

5 minutes	<p>General Introduction: Update of ExCo87 meeting in May; Summary of revisions in future POW (e.g. Task title, list of proposed projects), etc.</p> <p>The main purpose of this meeting is to further prioritize future projects, specifically to identify project champions, including possible “leveraging” of in-house activities, clarify participants/leads for Inter-Task projects, etc. (Tomas Ekbohm, Jim McMillan, Jack Saddler, Glauca Souza)</p>
30 minutes	<p>2019-2022 triennium projects (both Task 39 and InterTask) that are expected to continue in the coming triennium</p> <p>T39-T5: Phase 2- Successes and Lessons Learned for Advanced Biofuel Technologies Commercialization (InterTask with Tasks 40 and 45) (Tomas-Sweden/Franziska-Germany)</p> <p>T39-P3: Review existing and proposed Certifications for oleochemical and lignocellulosic-based biofuels and other potential renewable fuel supply chains; identify certification scheme improvement opportunities (Paul-Netherlands/Adrian-EU)</p> <p>T39-P4: Extend assessment on the status of Biofuels in Emerging Markets -potential for sustainable production and consumption (Glauca-Brazil/Ravi-India)</p> <p>T39-P5: Feedstock-to-biofuel supply chain analysis for cost reduction/financial risk reductions/TEA of advanced biofuels (Ravi-India/Glauca-Brazil/Franziska-Germany/Jim-US/Paul-The Netherlands) (Link to Task 42 assessment methodology and Task 43 feedstocks)</p> <p>T39-T3: Update Decarbonizing the Marine Sector (Sune-Denmark/Steve-Australia/Paul-NZ/Jack-Canada)</p> <p>T39-T4: Assessment of Large-scale Demonstration Plants (Dina-Austria/Jim-US)</p> <p>T39-T2: Decarbonisation Strategies for the Aviation Sector (Jack-Canada/Jim-US/ Duncan-Norway/Shibby - Japan)</p> <p>T39-P2: Sustainability of Biofuels Pathways (LCA) (Don-Canada/Adrian-EC/Glauca-Brazil/Michael Wang-US)</p> <p>T39-T2: Drop in biofuels/Co-Processing (possibly with Task 33 &34) (Duncan-Norway/Adrian-EC/Paul-NZ/Jack-Canada/)</p> <p>T39-P1: Biofuels Implementation Agendas: Policies Compare and Contrast report covering member country policies and deployment successes (Mahmood lead but contributions from all member countries)</p>



20 minutes	<p>Suggested projects that Task 39 might tackle in the coming triennium (that are not currently part of Task 39 activities during this triennium)</p> <p>T39-T7: Update on status of Algal Biofuel Technologies (US/Japan/Australia)</p> <p>T39-T10: Conversion of wastes/co-products generated from 2G ethanol industry (to biogas, etc): Reduction in OPEX and GHG emissions (US/India/Denmark/....)</p> <p>T39-T11: Opportunities for, and key issues limiting, the efficient integration/use of advanced biofuels into existing infrastructure and engines for transport (US/Brazil/Germany)</p> <p>T39-P6: Cost/benefit Analysis and Comparison of Drop-in Biofuels versus conventional ethanol/biodiesel biofuels and feedstock implications. Feedstock versus infrastructure integration challenges. (US/Brazil/Austria/Canada and possible collaboration with Task 43 (feedstock supply))</p> <p>T39-P7: Evaluate and recommend policies for decarbonizing the international transport (e.g. aviation and marine sectors) (Netherlands/Sweden/Brazil/Canada/Denmark/US...)</p>
15 minutes	<p>InterTask projects that Task 39 might participate in during the coming triennium</p>
	<p>T39-T8: Synergies of green hydrogen and bioenergy deployment (lead by Finland (Task44), but involvemant of Brazil, Germany, Austria, Canada, US,....)</p> <p>T39-T6: Assess the potential of Electrofuels/power-to-fuels Technologies, particularly their strategic relevance and potential to provide cost-competitive (Lead by Germany (Task 44) but of interest to Austria, Norway, ...)</p> <p>T39-T9: Biogas as a Transportation Fuel (Ireland/Sweden/Korea/..., collaboration with Task 37)</p> <p>Other?</p>
10 minutes	<p>Other suggestions for structure/function for next triennium?</p> <ol style="list-style-type: none"> 1) Organizational structure and possible subgroups, budget issues etc. 2) Individual and consolidated country reports 3) Other?
5 minutes	<ol style="list-style-type: none"> 1) Location of next meeting (first half of 2022) 2) Leads for next newsletters 3) Other?
5 minutes	<p>Meeting wrap-up (Tomas/Glaucia/Jim/Jack)</p>