

IEA Task 39 Special Project Meeting

IEA Bioenergy Task 39 Biofuels to decarbonize transport

4th /April/2023

Virtual

Task 39 Special Project Meeting

Details

Class/Project	Special Project Meeting
Date/Time/Location	Online, April 4 th , 2023
Goal	Non-allocated budget discussion
Attendees	Tomas Ekbohm, Glaucia Souza, Hannah EdgreN, Andrea Sonnleitner, Allison Simmonds, Jack Saddler, Hana Mohamadi, Sune Tjalfe Thomsen, Marco Buffi, Fuli Li, Paul Bennett, Luc Pelkman, Chang Hyun Ko, Yuta Shibahara, José Muisers, Paul Sinnige, Isabelle Ausdal, Mackenzie Boubin, Tomas Walsh, Franziska Müller-Langer.

Agenda

- General project and budget status (5 min)
- Program of Work proposals (70 min)
- T39-T3 - Marine
- T39-P2 - LCA
- T39-P3 - Certification

Meeting notes

- 634000 total budget now, five projects started, 230 k committed, 3 by Canada, 1 Austria, 1 Germany, 1 Brazil
- 140 k available, if not used desirable to have carry over funds
- Not desirable that deliverables coincide all to the end of 2024
- Marine. Potential project (pre-proposal) presented by Tomas, potential participants, Sweden, Denmark, The Netherlands, New Zealand, USA, potential partners, Maersk, Stena Line, Liquid Wind, Methanol Institute, Swedish Coast Guard, Swedish Maritime Authority, Fossil-free Marine, Licella, Sotra, 45 k from task, 45 k in kind, analysis of obstacles, hindrances of biomarine fuels. Identifying factors in technical, economical, market, legal etc and propose solutions. Bennet indicated interest from New Zealand and suggested a more global approach. Port of Gothenburg contacted. Glaucia indicated interest from Brazil and will try to indicate if there is a person that could

participate. Paul from the Netherlands would like to participate, mentioned Port of Rotterdam to be contacted. Suni from Denmark indicated need to focus on how to move forward since barriers have already been studied. Luc Pelkman suggested to involve Asia. Shibby mentioned Japan more interested in Ammonia and Hydrogen. Chang from Korea will enquire internally for interest. Suggestion to contact local industry that will produce the ships in Asia. Fuli from China interested in biomethanol from lignocellulose. Bennet suggested to look at different fuel options and compare them. Glaucia mention need to add biomass supply analysis. Luc mentioned need to focus on barriers, not on supply. Supply already under study in other projects. Allisson from Canada mentioned the need to add a justification on why using biomass for biofuels. Tomas offered a response that included opportunities for a market.

- LCA. Marco Buffi indicated interest in leading a project under Task 39, not Inter Task. Alisson indicated interest in the project. USGC interested, can support an LCA project. Glaucia informed on the joint LCA workshop with Task 39 and 45. Andrea asked what the scope of the workshop is, Glaucia informed the main goal of the workshop is to discuss potential joint Task 39 and Task 45 activities on biofuels and bioenergy life cycle analysis. This is the first meeting to take stock of current projects and express interests. Participants include colleagues that focus on LCA or have projects with elements that will include the analysis of emissions. New Zealand would like to participate in the workshop. Welcome & Introduction – Glaucia (Brazil), Tomas (Sweden), Göran (Sweden) – 10 min, Methodology – Annette Cowie (Australia) – 10 min, Guide for the Confused – Stefan Majer (Germany) - 10 min, GHGenius – Don O'Connor (Canada) – 10 min, SAF – Robert Malina (Belgium) – 10 min, GREET – Michael Wang (USA) – 10 min, Emerging Markets – Glaucia Souza (Brazil) – 5 min, Emissions assessments, REDII and JECv5 – Marco Buffi (EC) – 10 min, IAM-LCA integration – Vassilis Daioglou (The Netherlands) – 10 min, UN and Mission Innovation LCA project - Kees Kwant (The Netherlands) - 5 min, General discussion – all – 30 min
- Certification. Focus on supply chain. Austria, Germany and Brazil. Workpackages presented. Setting the framework, building blocks, robustness, data quality verification, benchmarking, synthesis. Question to whether add US Inflation Reduction Act. Comparing policy. Alcohol to jet suggested to be included by USGC. July 1st starting. China's participation discussion will follow by email. Luc suggested a narrower focus. Three-page proposal in the template.
- Tomas asked Luc to contact Ireland to indicate and NTL. Tomas Walsh suggested. Application process in course in Ireland.
- Next business meeting in May.
- Brazil indicated not interested in participating in phase 2 of Lessons Learned (Heitor no longer participates in BIOEN program) and will look to see if there is interest in joining a project on biogas from 2G industry waste (possibly with Task 37)
- Regarding the microalgae project Glaucia suggested to reach out to the US, Paul indicated it might not be of huge interest, Austria indicated microalgae also not of focus, Sweden has algae research for food additives, not biofuels, China using algae to produce protein and pigment
- Potential projects also discussed
- Hana asked for the Implementation Agenda reports to be sent soon, April 1st deadline. Four countries delivered. Most still needed.

Action Items	Assignee	Status
- Put together a proposal on Marine Biofuels and circulate - Organize Workshop with Task 45 on LCA - Certification project to be sent for a written procedure (approval) by email in 10 days.	Tomas	
	Glaucia	
	Jose/Tomas	