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An International Workshop *Towards Sustainable International Biomass Trade Strategies*, co-organised by Task 40 will be held in Brussels on the 24th October 2014. [More](#)

The IEA Bioenergy Conference 2015 - *Realising the world's sustainable bioenergy potential* - will be held in Berlin on the 27th-28th October 2015. [More](#)

Task 32

A Task 32 workshop on *High Temperature Corrosion in Biomass Combustion* provided an overview of the fundamental mechanisms behind high temperature corrosion, as well as a number of practical ways to mitigate the corrosion to acceptable levels. [More](#)

Task 34

The Round Robin on bio-oil production organized by the Task 34 participants is well underway. Three biomass feedstocks, clean poplar wood, wheat straw, and a formatted mixture of those two plus pine forest residue, have been prepared in the U.S. and distributed to 20 laboratories in the six participating countries within the Task. The participating laboratories are now producing bio-oil from the feedstocks in their fast pyrolysis reactor systems in sufficient quantity that samples can be sent to a central laboratory in Germany, where they will be analyzed. The task members will then review the results and prepare a technical publication in 2015 to provide the results and an assessment to the fast pyrolysis community. The intent of the Round Robin is to determine the consistency of bio-oil as produced by the various participants when working from a consistent feedstock.

Task 39

Task 39 has released the full and executive summary versions of *The potential and challenges of drop-in biofuels reports*. Drop-in biofuels are defined as "liquid bio-hydrocarbons that are functionally equivalent to petroleum fuels and are fully compatible with existing petroleum infrastructure" and can be readily integrated in the existing petroleum fuel infrastructure in a "drop-in" fashion. This is particularly important in sectors such as aviation where there are no real alternatives to sustainably produced biofuels for low carbon emitting fuel sources. [More](#)

Task 40

A Tasks 40 and 37 joint study entitled, *Biomethane: Status and Factors Affecting Market Development and Trade* addresses the status and emerging challenges of dealing with the rapid growth in production of biomethane, by either anaerobic digestion or thermal gasification, the developing biomethane market and trade of the gaseous biofuel. The publication (ISBN 978-1-910154-10-6) is available electronically on the Task 40 and Task 37 websites. More [here](#) and [here](#)

Results of a Task 40 study on the *Impact of promotion mechanisms for advanced and low-iLUC biofuels on markets* are now available. With current discussions on the indirect effects of biofuels, and the aim to broaden feedstocks to non-food biomass, policies are focusing on biofuels from waste, residues and lignocellulose materials, so called 'advanced' biofuels by providing extra support through specific promotion mechanisms. This study presents some typical cases where these mechanisms have had, or may have impacts on markets and trade. [More](#)

Task 42

Task 42 has produced a brochure entitled, *Biorefining – Sustainable processing of biomass into a spectrum of marketable bio-based products and bioenergy*. Its purpose is to provide an unbiased, authoritative statement on biorefining in general, and of the specific activities dealt with within IEA Bioenergy Task 42 on biorefining. [More](#)