

Second workshop of the European Commission DG ENER study:

“From the Sugar Platform to biofuels & biochemicals”

Thursday 2nd October 2014

Event held on Day 2 of EFIB 2014

Reims Congress Centre



This interactive workshop run by E4tech, RE-CORD and Wageningen UR will provide you with insights into sugar platform activities in Europe, stimulating discussion around key opportunities and the needs of the industry.



Your input will help validate our findings, inform the last few months of the project, and provide the Commission with valuable evidence as to the opportunities associated with different pathway options and how best these could be supported.

We are looking for active participation from industry players developing sugar-based biochemicals & biofuels, plus academic institutions with pilot-scale applied research in this field.

To register your interest for this workshop, please email ECSugarPlatform@e4tech.com as spaces are limited. All EFIB attendees will be able to participate in this “Track 3” session - see the [Day 2 programme](#) for details.

09.00 - 09.15:	Introduction to the project	Richard Taylor, E4tech
09.15 - 09.45:	Product landscape	Richard Taylor, E4tech
09.45 - 10.15:	Strength of market opportunity	Lucy Natrass, E4tech
10.15 - 10.45:	Case studies and value propositions	Richard Taylor, E4tech
10.45 - 11.25:	Break	
11.25 - 11.50:	EU vs. Global competitiveness	Ilaria Marsili Libelli, RE-CORD
11.50 - 12.20:	Technology barriers & opportunities	Ana Lopez Contreras, WUR
12.20 - 12.50:	Industry needs brainstorming	Richard Taylor, E4tech
12.50:	Conclusion and Lunch	

Study context and objectives

There are a large number of possible combinations of feedstock, pre-treatment options, sugars and conversion technologies that can be followed as viable pathways, in order to produce an even longer list of final biofuels or biochemicals. Today there are only scattered examples of studies assessing specific chains or components; no-one has yet conducted a comprehensive study that maps out all the potential value chain options, assessing them on a common basis. This deeper understanding of the sugar platform will therefore be very valuable in assisting policymakers and industry stakeholders to identify technology opportunities, their key benefits and how their development can best be supported.

This study, funded by the European Commission (DG ENER) and running from February to December 2014, is being conducted by a consortium of E4tech, RE-CORD and Wageningen UR. The study is providing the following evidence base regarding the production of biofuels and biochemicals from the sugar platform:

- An assessment of the **status of the different pathways**, mapping their suitable feedstocks and potential products, and identifying technology opportunities, enablers and barriers to commercialisation
- An assessment of **European developments, market potential and how competitive** our industry is likely to be versus other world regions
- For a defined set of **case studies, an analysis of economics, GHG emissions** and hence comparison of the value proposition against current products in the market
- The identification of current **R&D gaps and industry needs** - with a focus on recommending measures that will accelerate the introduction of large scale biofuel and biochemical demonstrations