

# IEA Bioenergy

## WEBINAR SERIES

### Technical, Economic and Environmental Assessment of Biorefineries

Developing a Practical Approach for Characterisation

July 3, 2019

4:00 pm - 5:00 pm Central European Summer Time  
10:00 am - 11:00 am North American Eastern Daylight Time  
2:00 pm - 3:00 pm Greenwich Mean Time



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### Presentation Summary

Biorefineries apply a cascaded-use of biomass for the production of food, feed, biobased products & materials, chemicals and energy. There is a great potential to enhance the use of biomass by smart and highly integrated processing to deliver products and energy likewise. The implementation of biorefineries will shift our economy towards increased sustainability by replacing fossil raw materials and energy. An integrated assessment of technology pathways could provide a better understanding of the potential of biorefineries.

This webinar deals with the technical, economic and environmental (TEE) assessment of biorefineries. It explains the methodology background and provides insight into an assessment tool generated within the IEA Bioenergy Task 42. Using concrete examples, biorefineries will be benchmarked with fossil based processes and products. The TEE assessment initiative of the IEA Bioenergy Task 42 is an open access approach to share information, data and results. The webinar will also give an outlook on how the TEE assessment tool and expertise can be used in the future by various stakeholders.

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