

BioBoost colloquium – Friday, June 5<sup>th</sup> | 8.45 am-17.30 pm  
**Boosting biofuels and chemicals production from 2<sup>nd</sup> generation biomass**



**DSM** and **TNO** would like to invite you to the colloquium '*BioBoost: boosting biofuels and chemicals production from 2<sup>nd</sup> generation biomass*' that will take place on **Friday, June 5<sup>th</sup>**, at the Brightlands Chemelot Campus. An inspiring, varied programme with interactive sessions on R&D activities throughout the bio-based value chain (*morning session*), as well as insights on assessing the sustainability performance of bio-based innovations (*afternoon session*). The sessions will be led by speakers from leading European research institutes and industrial parties. See below for more information on the programme.

The colloquium is organized within the context of the EU-FP7 project [BioBoost](#). BioBoost addresses the complete value chain from biomass to energy products within a European context; from feedstock potential, investigation of pyrolysis and hydrothermal carbonisation conversion technologies, optimisation of transport and logistics to the exploitation of the energy carrier and its by-products and the techno-economic, social and environmental assessment of the complete supply chain.

Interested in joining? You can register at the [Brightlands website](#). Participation is free of charge, but registration is compulsory. **Deadline for registration: 22 May 2015.**

For more information, contact:

- Barthel Engendahl – DSM (E: [barthel.engendahl@dsm.com](mailto:barthel.engendahl@dsm.com))
- Chrysa Sofra – TNO (E: [chrysoula.sofra@tno.nl](mailto:chrysoula.sofra@tno.nl))

## Programme

### **Morning session:** *Value chain highlights: from biomass to products*

Time	Title	Speaker(s)
8.45	Welcome	Reinier Grimbergen (SIT RMS owner, DSM) Arij van Berkel (Director Sustainable Chemical Industry, TNO) Maurice Olivers, (Brightlands Chemelot Campus)
9.00	Geoportal of biomass potential in EU27+CH	Magdalena Walker (IUNG)
9.30	Residue biomass cost structure	Simon Kühner (SYNCOM)
10.00	Modelling, Simulation and Optimization of Large-Scale Biomass Logistics	Erik Pitzer (FHOÖ)
10.30	COFFEE BREAK	
11.00	The biomass catalytic pyrolysis as a technology pathway to produce a high value energy carrier	Angelos Lappas (CERTH)
11.30	Catalysts for the Catalytic Pyrolysis of Biomass	Christoph Fougret (Grace)
12.00	Getting Catalytic Pyrolysis into Oil Refineries: Upgrading Options and BioBoost Experiences	Steven Gust (NESTE Oil)
12.30	Isolation of valuable chemicals from pyrolysis oils	Bart Engendahl (DSM)
13.00	LUNCH BREAK	

### **Afternoon session:** *Evaluating the sustainability performance of bio-based value chains*

Time	Title	Speaker(s)
14.00	Sustainability assessment of biofuels from waste biomass – results and insights from BioBoost	Ileana Hernandez Mireles & Arjan van Horssen (TNO)

14.45	A chemical company's view on biomass utilization in Europe	DSM – to be confirmed
15.30	COFFEE BREAK	
15.45	Sustainability assessment of biomass waste utilization: luxury, routine or vital?	Toon van Harmelen (TNO)
16.30	Closing session	-
17.00	NETWORKING DRINKS	