



BUTANEXT
Next Generation Biobutanol



CENER

Biomass for sustainable biofuels and biobased products: from lab to pilot plant

When: 17th October 2017 - 8:30-17:00

Where: CENER Headquarter - Avenida de la innovación 7, 31621 Pamplona (Spain)

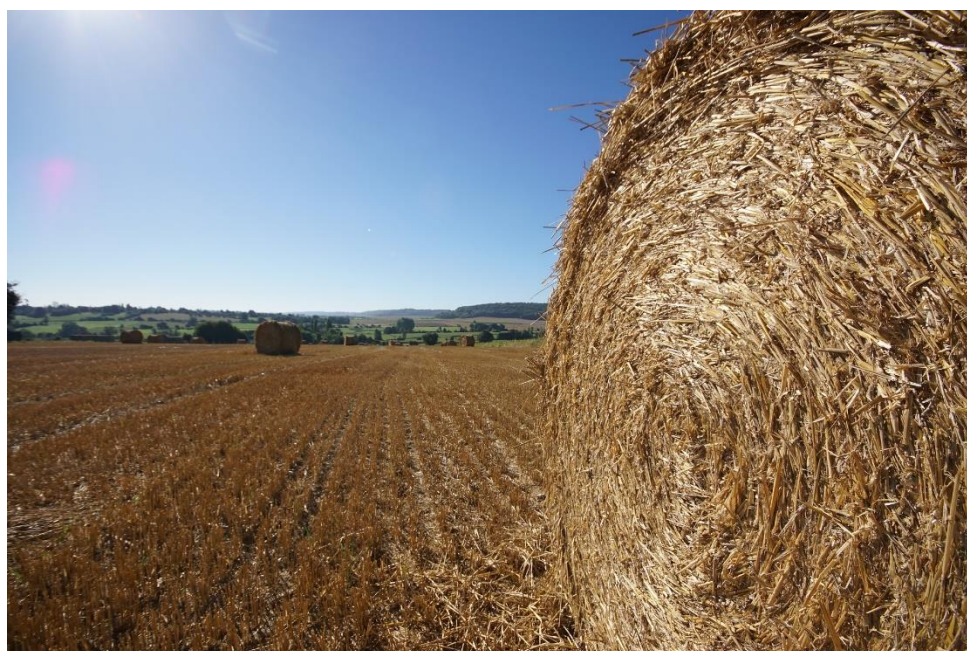
The National Renewable Energy Centre (CENER) will host a one-day ButaNexT's Knowledge Sharing Workshop on 17th October 2017 in Pamplona (Spain).

The workshop will share the lessons learnt from the ongoing EU-funded ButaNexT project to scale up the process to obtain sustainable butanol from lignocellulosic feedstocks. Experts from other projects will also present their findings to improve the production of biobased products.

If you are a representative from the industry, research centres, academia or institutions working in the bioeconomy sector, this workshop is for you.

The following topics will be covered at the workshop:

- Identifying the main challenges and bottlenecks during the scale-up of bioprocesses from lab to pilot plant,
- Presenting some successful projects that involve the scale-up of the production of biobased products,
- Showing the latest outcomes of H2020 ButaNexT project on the improvement of biobutanol's production,
- Visiting CENER's Bioprocess Pilot plant in Aoiz (Navarra)





BUTANEXT
Next Generation Biobutanol



CENER

PROGRAMME

8:30-9:00	Registration
9:00-9:15	Welcome speech Javier Gil Barnó, Director of Biomass Department, CENER (Spain)
9:15-11:00	Session 1: Production of Sustainable Advanced Biofuels from lignocellulosic biomass
	Moderation: Inés del Campo, Senior R&D Engineer, CENER (Spain)
9:15-9:30	Introduction to ButaNexT project Tim Davies, Project Coordinator, Green Biologics Ltd. (UK)
9:30-11:00	Lessons learnt during the scale up of ButaNexT's process
	<i>Micronising prototype development for controlled particle size biomass powder production</i> Clemente Garcia Redondo, Specialist R&D Engineer, Técnicas Reunidas (Spain)
	<i>Upscaling the enzyme production</i> Petri Ihalainen, EU Project Manager, MetGen (Finland)
	<i>Clostridial Strain Development: improving the ABE process</i> Holly Smith, Head of Fermentation, Green Biologics Ltd. (UK)
	<i>Organophilic pervaporation for ABE recovery: from lab to pilot</i> Wouter Van Hecke, Researcher, VITO (Belgium)
	<i>Integrating and upscaling pretreatment, enzymatic hydrolysis and fermentation processes</i> Irantzu Alegría, Senior Researcher, CENER (Spain)
11:00-11:30	Coffee Break
11:30-12:30	Session 2: Sustainable Biobased products from biomass
	Moderation: María Díaz Muruaga, Strategy & Business Development Manager, CENER
11:30-12:00	<i>Biorefinery: Converting waste into resources to obtain high added value products</i> Carles Palanca, Biopolis
12:00-12:30	<i>Collaborative experience optimizing and upscaling agro-biological products</i> Carol Bejarano, Iden Biotechnology
12:30-13:00	Conclusions David Sánchez, Head of Service, CENER (Spain)
13:00-14:30	Lunch
14:30-17:00	Visit to CENER's Bioprocess Pilot Plant (Aoiz-Navarra)

CONTACT

Inés del Campo, Senior R&D Engineer, CENER: idelcampo@cener.com

María Díaz Muruaga, Strategy & Business Development Manager, CENER: mdiaz@cener.com

