EXPERTISE

BIOMASS PRETREATMENT
BIOCATLYSIS
FERMENTATION
GREEN CHEMISTRY
PRODUCT RECOVERY AND PURIFICATION

ANALYTICAL CAPABILITIES

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Equipment overview:

Process follow-up for the quantification of sugars, organic acids, intermediates, compounds of interest and enzyme activity
- 5 Agilent HPLCs with following detectors: DAD, RID, VWD and ELSD
- Dionex HPLC with ED electrochemical detector
- GC coupled to mass spectrometry
- GC with FID
- YSI biochemistry analyzer
- Colorimetric using Agilent and Tecan [micro plate reader] spectrophotometers

Off-gas analysis systems
- Off-gas MS analysis
- Mobile BlueSense off-gas analysis
- Mobile micro-GC

Evaluation of physico-chemical properties and moisture content
- Light microscopes
- Digital dino-lite crystal microscope
- Easy KFV Karl Fischer titration
- [Portable] Turbidimeters
- Sartorius moisture analyzers
- Brookfield Viscometer
- Thermogravimetric analyzer
- Conductivity, pH and brix meters
- ...

What we offer:

- A dedicated team of analytical experts to implement your method of choice and to optimize methods to allow fast analysis
- A wide range of analytical methods available for quantification of various compounds
- Process control through close analytical follow-up of compounds of interest

For more information: please visit www.bbeu.org
For questions, please call +32 9 335 70 01 or contact BusDev@bbeu.org