

 	<p>Laboratory for Thermochemical Biomass Conversion (LTBC)          Department of Biosystems Engineering          Ghent University</p>
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Type of company: University

What are the core activities of your company (mark with a cross):

Supply of resources	Production	Harvest	Downstream processing	Use of algae (products)
			x	

## 1. Company profile

Our department researches applications for the use of different biomass feedstocks as source of biofuels. The main research activities are:

- Pyrolysis
- Torrefaction
- Biochar for soil amendement
- Hydrothermal processing

This research group is currently consituted by 2 profesors and 6 PhD students, and has several fruitful joint projects with other universities (Twente, Karlsruhe...) and companies (Albermale, Evonik, Sasol...).

## 2. Algae based activities

The main algae based activities are related to the production of biofuels via hydrothermal processing, in view of developing an algae biorefinery concept that combines the production of biofuels with the production of other valuable products.

## 3. Market supply

We can provide the market with knowledge about high pressure treatments for microalgae in order to produce biofuels.

#### 4. Market demand

We look for partners that can bring expertise on the extraction of valuable products from microalgae, and valorize the remaining biomass for biofuel production.

#### 5. Contact data

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