Baekeland ‘ Development of slow release organic fertilizers’

Project Description

The goal of the project is to develop slow release organic fertilizers based on an innovative patented technology developed at the department of organic and macromolecular chemistry at UGent. The patented technology based on specific polymers is currently being used for different applications including pharma, however the technology has not yet been developed for agricultural application. This project will be in close collaboration with a leading manufacturer of organic fertilizers based in Flanders with impressive sales numbers worldwide. This project offers an unique opportunity to combine academic research within an industrial context.

Type of employment

- A Baekeland mandate allows young researchers to elaborate basic strategic research with an economic finality.
- Exclusive technologies and latest infrastructure at the Ghent university are being disposed to elaborate this innovative research
- Possibility to follow trainings to improve personal and professional skills
- Baekeland call: deadline September 4, 2017
- Announcements of results around mid-December, 2017
- Start of fellowship: January 1, 2018
- Success rate > 50%
- A competitive salary including benefits is offered.

Required Profile

- Bio-engineer (MSc) or Chemist (MSc) or equivalent degree, with strong affinity for plants and agriculture
- She/he should have a master degree from one of the countries of the EU
- Strong communication skills
- Very good writing skills (english)
- Ability to rigorously design, accurately perform and analyse experiments
- Hands on mentality

Please contact maaike.perneel@ugent.be in case of interest (before 10 th of August 2017)