Researcher position:

Simplified life cycle assessment methodology for development of sustainable processes in food and biotechnology industries

Context: Agrofood and Biotechnology Institute Charles Viollette (ProBioGEM team), at the University of Lille 1, offers a 6 months researcher position.

This position is a part of a research project, in partnership with ICAM-Lille, ADRIANOR and INRA (UMET, PIHM team), dedicated to the development of a methodology based on a simplified Life Cycle Assessment, suitable for optimization of food- and bio-industries processes.

The mission consists firstly, in identification of the elements of Life Cycle Assessment that could be neglected without significant impact on the results in order to simplify this methodology and to apply it easier for two selected processes.

The second step concerns a comparison between the results of simplified Life Cycle Assessment at laboratory and at pilot scale for the same unit operation.

The final step consists in evaluation of the possibility to extend this methodology to other unit operations used in food- and bio-industries.

More information:

http://institutcharlesviollette.com/

http://www.icam.fr/

http://www.adrianor.com/

http://umet.univ-lille1.fr/

Applicant:

Knowledge and experience in Life Cycle Assessment is essential.

Knowledge in process engineering is also an interesting competency.

A good level in French and English is recommended.

To apply:

Please send a letter, a detailed CV, as well as any useful document (reports, PhD thesis, articles…) to krasimir.dimitrov@polytech-lille.fr.