

# The Lhoist Business Innovation Center is looking for trainees

LHOIST is a mining company, world leader in calcium carbonates, involved in quasi all industrial markets (Non-Ferrous Mining, Steel, Civil Engineering, Environment, Glass, Agriculture...). LHOIST from its origin (year 1889) has consistently striven and pushed for innovative products and solutions. To ensure such innovation, LHOIST has a global Business Innovation Center in Nivelles, Belgium.

LHOIST Key figures = 14.7 million tons of burnt product as well as 26 millions tons of minerals sold on every continent, in both mature and emerging markets. The turnover is 2 Billion euros with an international presence: 5.700 employees around the world, 90 production plants in 25 countries.

## Additional information

- Timing : 3 to 6 months, during 2015, starting as soon as possible.
- Location : Nivelles (Belgium)
- Mentor : R&D Engineer
- Paid internship

## Process in 3 steps

1. Submit CV and cover letter to [marie-france.weichselbaum@lhoist.com](mailto:marie-france.weichselbaum@lhoist.com) specifying the subject of the internship you apply for
2. Interview with Mentor
3. Take on-line Assessment



Lhoist is investing in the future of promising professionals. We believe we can help by giving you the opportunity to apply your theoretical knowledge and enthusiasm to our business environment.

## List of internship subjects for 2015

- Recarbonation study on granulated materials
- CaO/MgO-based heterogeneous catalysts for biofuel production (P&S)
- Production of calcium peroxide by pressure oxygenation of milk of lime
- Lime/dolime hydration under pressure
- Dissolution rate of MgO, Mg(OH)<sub>2</sub> and dolime hydrate in solution
- Carbonate optimization for animal feed application
- Copper flotation tests
- Hydration with organic additives
- Treatment of silty and clayey soils with lime for infrastructures
- Investigation of the strength development of Aerated Autoclaved Concrete
- Investigation of the impact of the physico-chemical characteristics of hydrated lime on mortar properties
- Performance Testing of Sorbents for flue gas cleaning applications
- The Impact of Lime Pretreatment on Biogas Generation
- Evaluate the impact of ultrafine ores and countermeasures utilizing lime-based binders.

## Profile

- Preferably mature student with technical background (mining, geology, metallurgy, industrial mineral processes, engineering, chemistry) and good business affinity
- Fluent in English, French and/or are an asset
- Skilled to work with MS Office (Word, Excel).

## Eligibility

- Due to the local legislation for internships, only the following candidates are eligible
- European Union citizens coursing university, and graduating after the end of the internship.
- Non-European Union citizens, coursing university in the European Union, and graduating after the end of the internship.
- Non-European Union citizens, coursing university outside the European Union, who have graduated from university very recently (a local work permit would be needed).