



767 quai des allobroges 73009 Chambéry

Proposal of a DRI Project (CDD 12-18 months)

Development of materials solutions for Road renovation

Location: Owens Corning - Chambéry Start: Sept/Oct 2017

Owens Corning is looking for a candidat(e) ready to engage into a Growth Innovation project to deliver new solutions to the Road market.

We can offer you a great learning opportunity in an American company Fortune 500 to build your R&D skills and strengths to develop your future career in Innovation. Consequently, we like to hire smart & dynamic individual that can make an impact during their time with us.

The incumbent will lead from inception to proof of concept a discovery project in our French R&D center in Chambéry surrounded by Scientists, Marketing & Business leaders. We are looking for somebody with strong academic background, a problem solver with a can-do attitude, somebody curious with a high level of energy and an entrepreneur mindset.

Project description:

During the DRI period, the candidat(e) will have to prove the value proposition of glass fiber for the road market.

There will be 4 workstreams

1) Understand the road market, the different technologies and materials tests today available to compare existing solutions.

This will include literature & IP analysis, interviews of experts and trials on the fields with key players

2) Compare the value of existing glass or non glass solutions through materials & applications tests to cover products performances & processability..

To do this benchmark, the candidat(e) will have to define and build the relevant testing capabilities leveraging OC analytical labs & external institutes. He/she will also partner with OC advanced modelling team to propose the best compromising fiber solution based on modeling and lab trials.

3) Invest in quick prototyping of new fiber solutions including pilot trials at CI and fields trials with customers.

4) Understand the techno economics of the best solution and apply for IP if possible.

This long internship will enable a freshly graduated engineer to learn about how to drive a R&D project by leveraging internal & external resources. The candidat(e) will be part of the Chambéry Core discovery team and will report to a Sr leader as to benefit of his coaching.

Experience and Knowledge Requirements:

- a Master Degree in Physics/Chemistry/civil engineering obtained in 2016 or 2017
- Excellent academic achievement
- a previous experience (internship) in concrete, asphalt or composites domains ideally



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- ability to communicate complex ideas effectively in English

Personal Characteristics

- A can -do attitude, ability to take initiative and work independently
- Curious, creative and team player
- Analytical & problem solving skills

Owens Corning is a Building Materials Company, headquarter based in Ohio (US) today present in 27 countries. This is one of the biggest glass fiber producer for composites markets. Owens Corning operates 6 R&D Centers with one in Chambéry France.

*Please send your CV/motivation letter by email to andree.gancia@owenscorning.com by mentioning the project **DRI Road**.*

Candidatures will be screened and we will in touch with you back early September

DRI is a Post Master degree proposed by INP & Polytech Grenoble.