Anomera announces collaboration with Université de Sherbrooke

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Anomera Inc ("Anomera) is pleased to announce its collaboration with Professor Arezki Tagnit-Hamou from the Department of Civil Engineering and Building Engineering at the Université de Sherbrooke.

Professor Tagnit-Hamou a world-leading in cement research and the Head of Cement and Concrete Research Group. The innovative research program is expected to generate important guidelines and practical knowledge about the use of carboxylated cellulose nanocrystals (CNC) from the Canadian forest industry as nano inclusions to enhance the performance and properties of a variety of cement-based materials.

Development of such technology will help the Canadian construction industry get closer to the ultimate goal of minimizing the carbon footprint of infrastructure materials by reducing the amount of traditional materials needed, through the use of new biodegradable low environmental-impact materials.

It is estimated that the manufacturing of cement is responsible for 7% of all CO_2 emissions, more than the total emissions produced by the global trucking sector and the most abundant greenhouse gas. The process is so carbon intensive that producing one tonne of cement yields at least half a tonne of carbon dioxide, more than the average car would produce "on a drive from New York to Miami," reports Bloomberg.

Each tonne of DextraCel used in cement products represents a potential savings of 200 Tonnes of CO_2 from being released into the atmosphere.

About Université de Sherbrooke

Located in Canada, in the Province of Quebec, the Université de Sherbrooke is a French-speaking institution that offers you the opportunity to benefit from an academic education that is recognized and valued around the world.

The Université de Sherbrooke is host to more than 31 000 students, and another 10 000 who are registered at the University of the Third Age.

There are 6 612 employees at the Université de Sherbrooke, including 3400 professors, lecturers and the clinical professors at the Faculty of Medicine and Health Sciences.

UdeS has three campuses offering an enviable and sought after environment:

- The Main Campus includes most of the faculties and centers, the management of the institution and the support services.
- The Health Campus, also located in Sherbrooke, houses the Faculty of Medicine and Health Sciences and several partners in the field of biomedical research and clinical intervention.
- The Longueuil Campus in Montérégie offers all the material and logistical support required for the hundred or so programs offered.

About Anomera Inc.

Anomera manufactures carboxylated Cellulose Nanocrystals (CNC) in a patented eco-friendly method that delivers a superior nanomaterial from sustainably harvested Canadian Forests. This platform product is creating new opportunities for the multi-billion-dollar markets in cosmetics and skin care, the industries of cement, polymer composites, coatings, pigments, agriculture, and for human wellness in pharma and life sciences.

Anomera's carboxylated-CNC is sold under the trade name DextraCel™. DextraCel has properties including surface chemistry that exceed other cellulose nanomaterials in the market. The product is available as an aqueous suspension or as a dry powder. The powder is readily nano-dispersible in water and in non-aqueous solvents.

Anomera's head offices and Cosmetic Applications Lab are located in Montreal, Quebec. The Product Development Lab and production facility are located at the Xerox Research Centre of Canada in Mississauga, Ontario. Anomera is currently developing a pilot plant which can produce over 750 tonnes of DextraCel per year.

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