



## Ceram Hyd and FCC Aqualia Partner on European Water Project

*Ceram Hyd S.A and FCC Aqualia awarded a project by the Eco-Innovation Initiative of the European Union for the implementation and commercialization of safe water disinfection using an innovative ion exchange membrane solution.*

Ecuelles, France and Madrid, Spain, 24<sup>th</sup> of June 2015

Ceram Hyd S.A and FCC Aqualia have been awarded a project by the Eco-Innovation initiative of the European Union which is to objectively demonstrate proprietary Ceram Hyd technology for water disinfection. The technology is centred on the CERAPEM™ ceramic membrane developed and patented by Ceram Hyd in combination with Ceram Hyd electrochemical cells and related technology. The project was selected in a highly competitive process. It is one of only 41 projects that have received a grant out of a cohort of 461 projects submitted.

This project provides a unique alternative to existing chlorination processes presently used by FCC Aqualia and other water systems operators. The goal of the project is to provide improved health benefits and environmental impact as well as safety performance for water treatment plants. The technology eliminates the need for transport and storage of dangerous chlorine at water treatment plant sites by generating a powerful chlorine derivative on-site. The project is also evaluating potential reductions in carcinogenic Disinfection By-Products (DBP's) that are commonly generated in the presence of organic materials in surface water and are subject to strict limits by environmental regulations worldwide.

"We are pleased that this technology has been getting high acceptance from both the European Union and FCC Aqualia, a leading global water systems operator," said Guillaume Charpy, CEO of Ceram Hyd. "This is an opportunity to showcase our technology in a variety of facilities and to build awareness about the clear economic, environmental, health and safety advantages of the Ceram Hyd technology."

"FCC Aqualia is keen to work with Ceram Hyd in order to meet our corporate objectives around being a sustainable technology leader", said Mr. Félix Parra, CEO of FCC Aqualia, "We want to deliver our clients with superior water quality at minimum environmental impact and that entails being technologically at the leading edge. We strive to meet and exceed the most stringent water quality standards in the industry and do this in a cost conscious and safe manner. This project with Ceram Hyd co-funded by Eco-Innovation Initiative of the European Union helps us achieve these goals."

### About Ceram Hyd

Ceram Hyd is a material science company whose technologies provide environmental solutions in energy storage, water and resource efficiency. The company has developed CERAPEM™, a highly innovative flat-sheet, flexible, ceramic ion exchange membrane whose conductivity and durability are particularly remarkable.

### About FCC Aqualia

FCC Aqualia is the third largest company in Europe engaged in the management of municipal water services. FCC Aqualia responds to the needs of all parties, private and public, at all stages of the water cycle, providing water for human, industrial, and agricultural uses. FCC Aqualia has positioned itself as a leader in the sector, a cohesive, specialist operator at the forefront of the sector thanks to a highly-specialized and committed team that is constantly seeking new ways to improve efficiency in production processes and optimize resources.

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