Press Release - QCL - Horizon 2020 MOLOKO Project

Title:

QCL joins the Horizon 2020 MOLOKO project for quality control of milk supply chain

In January 2018 the first meeting of the MOLOKO project consortium was held in Bologna, Italy, starting a three and a half year project to develop and commercialise miniaturised sensors for the *on-site* monitoring of milk quality throughout the supply chain.

MOLOKO (Multiplex phoenix sensor for pLasonic-based Online detection of contaminants in milK) aims for real-time monitoring of up to 10 food safety indicators including antibiotics, toxins and quality parameters. The innovative technology will be based on organic photonics, nanoplasmonics, biodiagnostics with immunoassays and microfluidics on a platform fit-for-use in milk production facilities.

The project is coordinated by CNR - National Research Council of Italy and involves 12 partners from 8 different countries. The consortium includes European R&D centres (CSEM, RIKILT, Fraunhofer and VTT), SME's (Plasmore and QCL), large multinational industries involved in milk production and processing (Milkline and Parmalat), European food safety regulatory bodies (ISS and NEBIH) and consulting services (Warrant Group).

QCL, as a specialist UK distributor of advanced analytical solutions in the dairy sector, is represented by Dr Mark Whatton who has the responsibility of Exploitation Manager for the project. QCL's role will involve the commercialisation for the project results and industrial networking activities.

MOLOKO is the winner of a Horizon 2020 European call which granted 6 million euros for its implementation under the Call Photonics KETS 2017.

www.qclscientific.com

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