

Qualysense receives a \$3 Million loan to fight CO2 emissions: QSorter[®] is the unique agri-tech that selects 3'000 seeds per second one by one

Qualysense, a young Swiss company focusing on high speed single kernel technologies for seeds, grains and beans, announces that it has been granted a \$3 Million loan guarantee from the Swiss Federal Office for the Environment to further promote the market adoption of its proprietary QSorter[®] technology, which plays an important role in fighting climate change and CO2 emissions.

Dr. Riccardo Tediosi, Qualysense's CTO says: "We are very thankful to the Swiss Government for recognizing the potential of our company effort to help the seed development and production industry reducing CO2 emissions. One large-capacity QSorter[®] unit can help saving in one season the equivalent of CO2 emissions a diesel car would emit by going around the globe 27 times. By recovering precious seeds, we help saving land which is becoming a critical and often heavily exploited resource."



The QSorter[®] robots are advanced mechatronics devices that have been designed to assess the quality of seeds at the speed of light and sort them accordingly: from 30 to 3'000 seeds per second and one by one. The QSorter[®] can predict vital seed quality parameters that can be used to predict germination and yield. Sorting for higher germination and higher yield rates enable seed companies and farmers (1) to breed more performing varieties, (2) to increase

productivity, and (3) reduces and optimize land usage. These 3 key benefits can sustainably reduce the emissions of greenhouse gases and help this world to be a better place.

Learn more

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technologyfund.ch

About Qualysense

Qualysense is reinventing the global soft commodity market by pioneering high-speed single-kernel robots. Since 2010, Qualysense has designed and marketed the QSorter[®], a unique and proprietary technology for the precise quality inspection and biochemical sorting of grains, seeds and beans. It analyzes and sort at speeds between 30 and 3'000 seeds per second. The QSorter[®] has been adopted worldwide by food and agriculture key companies to improve quality inspection or recover waste for a more sustainable utilization of natural resources.

About the Swiss Technology Fund

The Technology Fund offers loan guarantees to Swiss companies whose novel products contribute to a sustainable reduction in greenhouse gas emissions.