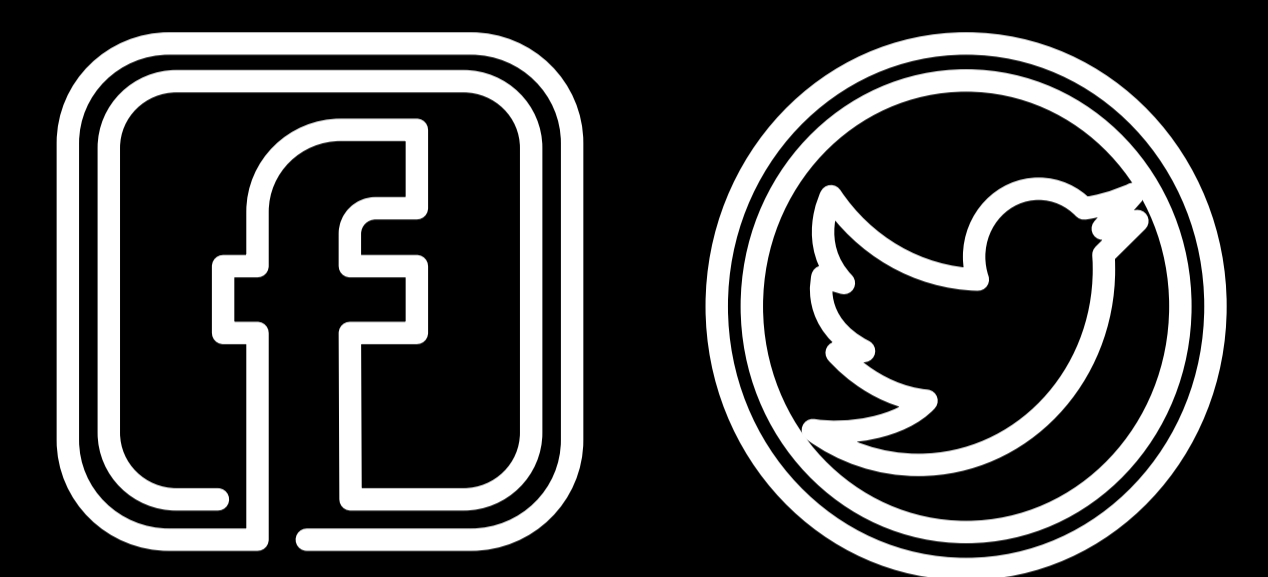


MOLOKO

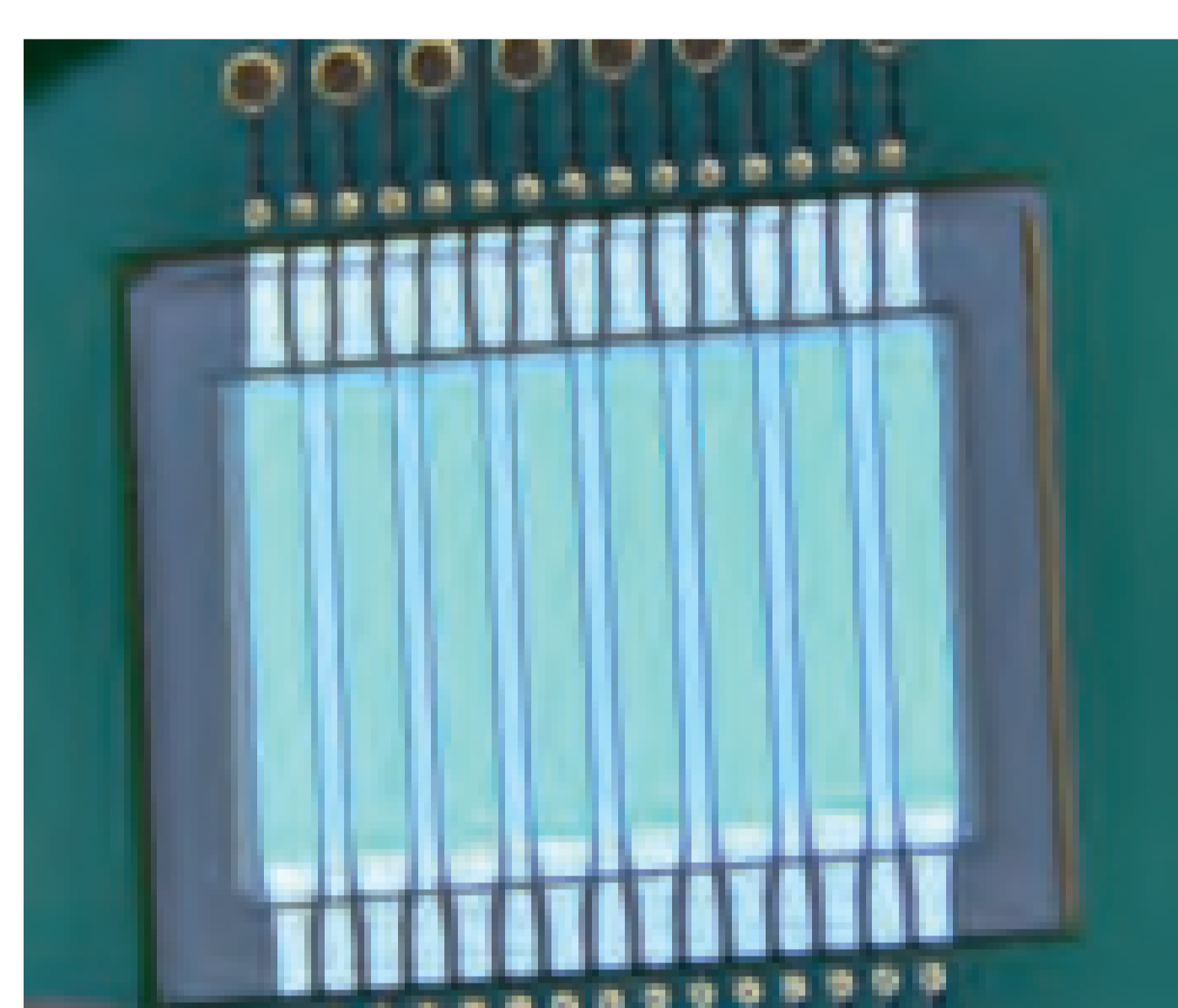
**Multiplex phOtonic sensor
for pLasmonic-based Online detection
of contaminants
in milk**



www.moloko-project.eu



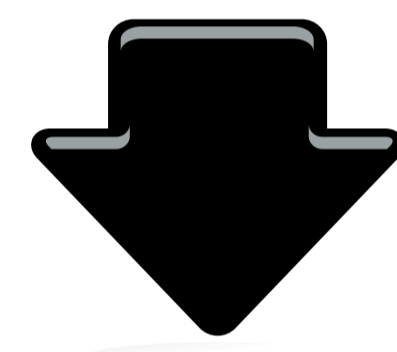
MOLOKO SENSOR PERFORMANCE



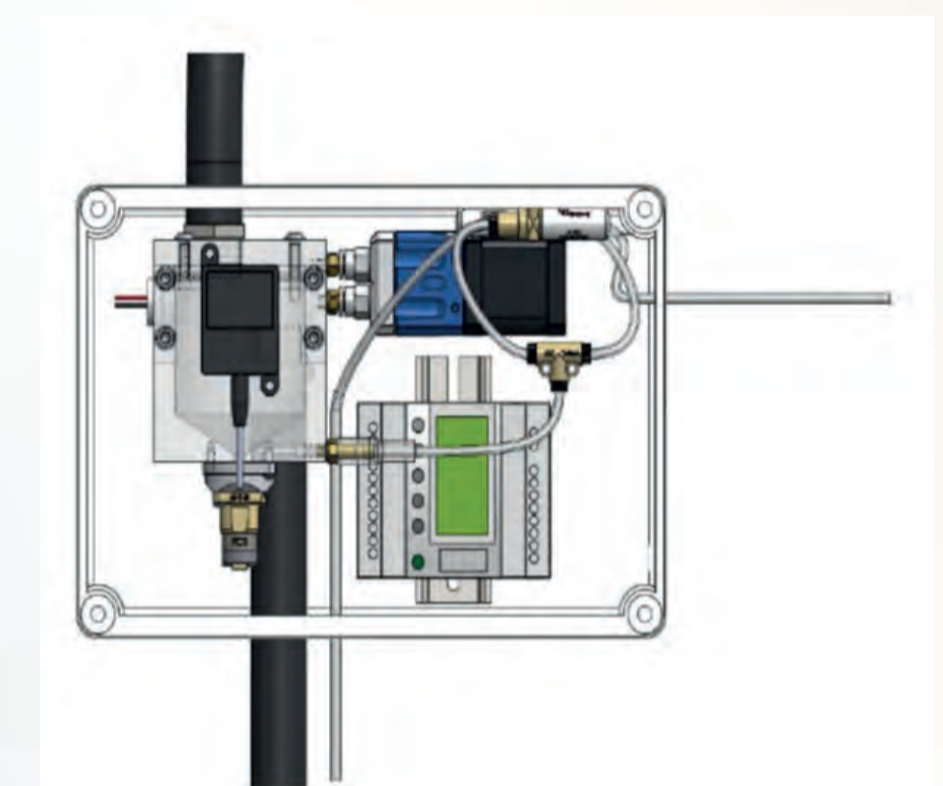
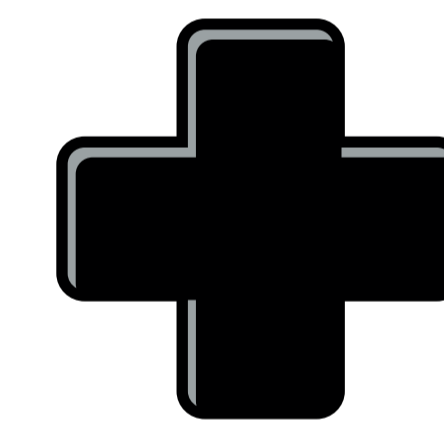
Optoplasmonic module



Microfluidic module



MOLOKO sensor



Milk sampler



- **SELF-TESTING AND CALIBRATION**
- **OPERATIONAL USE OF THE SENSOR:**
 - > Miniaturized and monolithic integrated optical biosensor on OLEDs and OPDs
 - > List of selected analytes for food safety and food quality detection
 - > Automatized analysis

- **MULTIPLEXING DETECTION OF ANALYTES SIMULTANEOUSLY**
- **INTEGRATION IN MILKING PARLOURS**
- **PATENTS ON NOVEL RECOMBINANT ANTIBODIES**



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