

# HYDROPTICS

*Photonics sensing platform for process optimisation in the oil industry*

## HYDROPTICS aims to :

- 1 Advance photonic sensor technology in the vis - IR range
- 2 Develop a high-accuracy analyser for automated, on-line measurement of residual oil and particle content in process water of the oil industry
- 3 Combining on-line data with process simulations for process optimisation

## THE PROJECT

HYDROPTICS is an EU funded H2020 project, it has kicked off in December 2019 and will run for 3.5 years. The core concept of HYDROPTICS is to increase the competitiveness of the EU oil industry sector, by providing a new approach toward process optimisation based on innovative photonic sensor technologies combined with simulation and optimisation of crucial unit operations through digital twins.

### CONTACT



Hydroptics Project



Hydroptics Project



@HydropticsP

**Project Coordinator** ALPES LASERS SA

**Phone** +41 32 729 95 10 **Fax** +41 32 729 95 19

**e-mail** info@hydroptics.eu

**Website** www.hydroptics.eu

### PARTNERS



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 871529