



Ministry of Science and Higher Education
Republic of Poland

Horizon4Photonics

Brokerage event

ALPhANOv

Optics & Lasers Technology Center

William MAGRINI

Photonics research engineer

Elodie DESTOUESSE

Project funding officer

ALPhANOV, RTO

Laser and optics technology center

France | Photonics systems department

HORIZON-CL6-2026-02-FARM2FORK-06

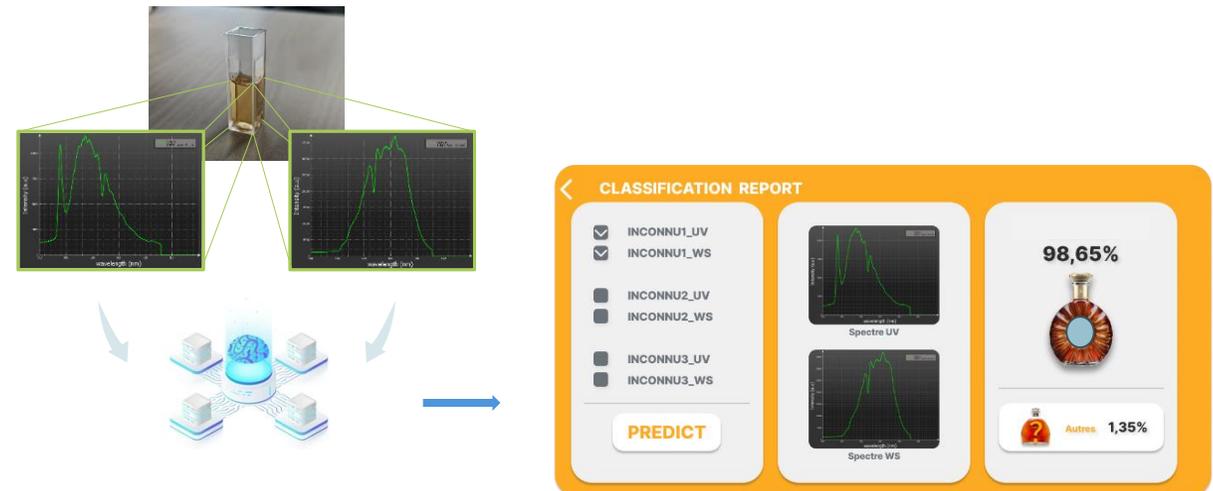
Advanced innovative solutions for improved competitiveness and sustainability in controlled environment agriculture

- Automated Raman and fluorescence sensors solution for Bioprocess Monitoring
- Sensors integration, chemometric and machine learning models implementation. Functional prototype design and manufacturing
- Electronics, mechanics and optics design. Software development

• TRL 3-6

<https://www.alphanov.com/en/collaborative-projects/fass-fast-and-accurate-solubility-sustainability>

<https://www.alphanov.com/en/collaborative-projects/saphire-device-online-optical-inspection>



HORIZON-CL6-2026-01-BIODIV-02

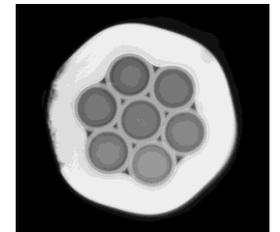
Developing methods to assess the presence, functions and sensitivity of groundwater ecosystems

- Multimodal approach, using fiber optic sensors, to perform in-situ analysis of groundwater chemical evaluation
- Fiber optic sensors development, all-in-one interrogator design and qualification

Special Optical Fiber Functionalization Platform, electronics, mechanics and optics design. Software development

TRL 3-6

<https://www.alphanov.com/en/collaborative-projects/calice-all-one-handheld-sensor-measuring-key-vineyard-parameters>



Thank you