

LIVINGLAB

THIRD YEARBOOK

September 1, 2022 - October 31, 2023

UCLV

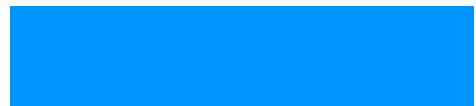


TABLE OF CONTENTS

- 01 Partner Profile UCLV

- 02 List of Activities

- 03 Photos

PARTNER PROFILE



Università
degli Studi
della Campania
Luigi Vanvitelli

Dipartimento di Ingegneria

Università Vanvitelli ICT Living Lab

The set-up of TRANSDAIRY ICT Living Lab is boosting interesting synergies with our university lab in Photonics and Optoelectronics for the benefit of our Dairy Value Chain stakeholders.

For years, our lab has developed three main research lines:

- **Distributed optical fiber sensors** line is focused on the development of distributed strain and temperature sensors for structural and environmental monitoring. Distributed acoustic sensors are developed as well for safety and security application.
- **Optical bio-chemical sensors** line deals with optical sensors to detect specific substances in several real solutions, exploiting plastic optical fiber intrinsic and extrinsic sensors, combined with different kinds of specific receptors, such as molecularly imprinted polymers (MIPs), antibodies, aptamers, and chemical receptors.
- **Nano-sensors** line develops nano-plasmonic sensors with high sensitivity in a minimal sensible area, monitored exploiting innovative and low-cost experimental configurations. Moreover, about these optical nano-sensors, the proposed nanostructures can be realized by exploiting processes typical of microelectronic, so leading to economic advantages of a large-scale production; on the other side, also the quantity of receptor, that is obviously related to the sensible area, affects the total cost of the biochemical sensors.



LIST OF ACTIVITIES

During the period 1 September 2022 - 31 October 2023 , TRANSDAIRY's coordinator, Vanvitelli University, implemented the following activities:

- Eight technical meetings
- Three Steering Committee Meetings
- Monthly online meetings with our JTS
- Two focus groups
- Draft and submission of the second interim report and a major amendment.
- Constant assistance to our partners concerning legal, administrative and financial issues
- Special assistance for APIA, the partner that withdrew our consortium
- Coordination with WP2 (ESIM) and WP5 (IRI and K46) leaders in order to implement communication and capitalization work packages.
- Participation in the technology fair "Innovation Village 2023"
- Jointly with CNR, one focus group
- Jointly with CNR, delivery of our second, third, fourth and fifth entrepreneurship sessions cycle
- Delivery of our second specialized training for intermediaries
- Organization of our first open day (finally in person)
- Seventh technological demonstration
- Jointly with CNR organization of the fifth and sixth focus group

PHOTOS



Fifth Steering Committee, Tunisia December 2022



Brokerage Event, Tunisia December 2022



Our beneficiaries at the brokerage event in Tunisia



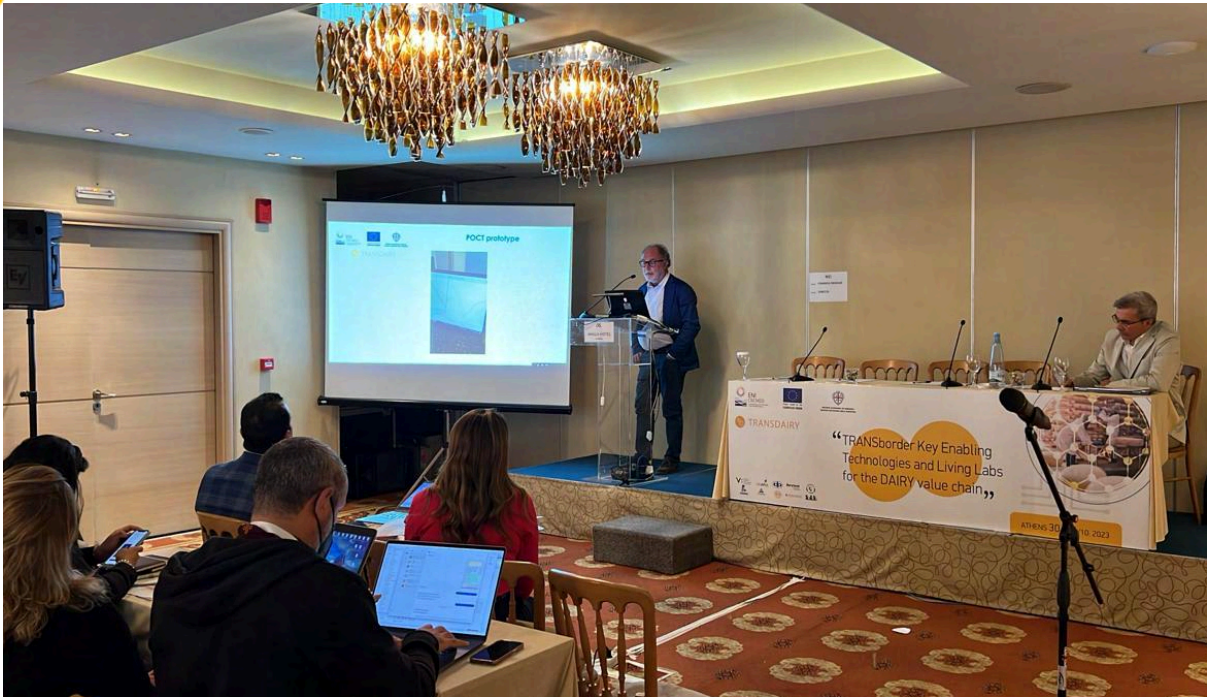
Co-patents winners



Second specialized training for intermediaries



Pitching session



Our final event, Greece October 2023



Our final event, Greece October 2023



Our final event, Greece October 2023

THANKS FOR THE TRUST REPLACED IN US!