

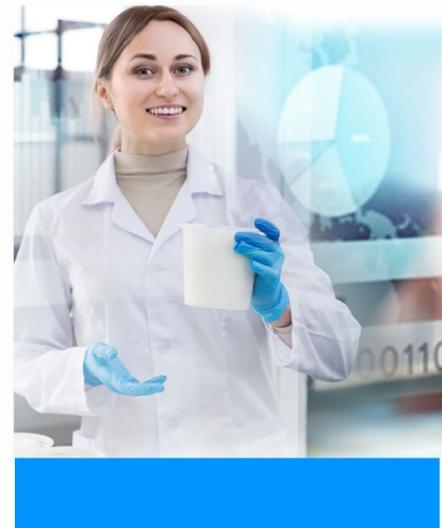


TRANSDAIRY



LIVINGLAB YEARBOOK 2022

Bio/Nano & ICT Technologies
ELCIM @ IRI



The Living Lab DVC at a glance

The Dairy Value Chain (DVC) confronts joint challenges at Mediterranean cross-border level: The growing market demand for high quality and safety and the industrialization of farming and globalization. In this context, cross border cooperation is needed to enhance research results by supporting promising spin-offs to cover the entire DVC.

The TRANSDAIRY project intends to enhance the technological transfer among research, industry, and SMEs in the fields of Key Enabling Technologies (KET) applied to the DVC. To do so, 8 cross-border Living Labs have been established, to increase institutional capacity through specialized trainings, provide a market analysis for the new products and services enabled by KETS.

The ELCIM Living Lab is a collaborative innovation environment where stakeholders from the dairy industry, technology developers, researchers, and consumers come together to co-create and test solutions aimed at enhancing the efficiency, sustainability, and competitiveness of the Lebanese dairy sector.

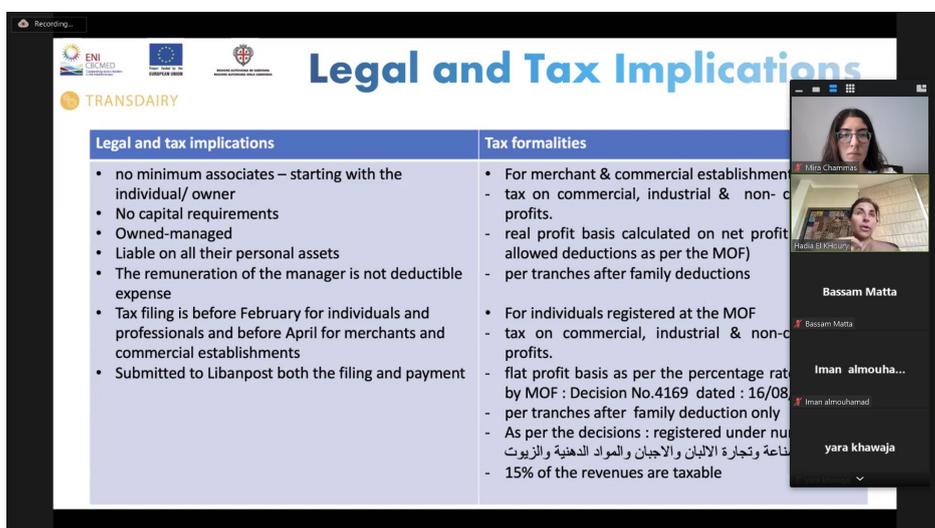
This includes organizing **focus groups** with stakeholders to identify key challenges and opportunities, as well as to gather feedback on ICT solutions being developed. **Entrepreneurship training programs** will be offered to empower farmers and dairy professionals with the skills and knowledge needed to leverage technology effectively and explore new business models. **Demonstration events** will showcase cutting-edge technology solutions applied to the Dairy Value Chain in action, allowing participants to see firsthand how these technologies can improve productivity, sustainability, and quality within the dairy sector. **Brokerage events** will provide a platform for networking and partnership building between technology developers, researchers, and industry players, facilitating the exchange of ideas and resources to drive innovation forward. **Open days** will be organized to engage the broader community, including consumers and policymakers, to raise awareness about the potential of ICT in transforming the Lebanese dairy industry and to gather input on societal needs and preferences.

Entrepreneurship Trainings

In 2022 two dedicated **Entrepreneurship Training Programs** were implemented. The programs were co-organized with the Lebanese Nano/Bio Living Lab offering to select **35 dairy professionals** the skills and knowledge needed to leverage technology effectively and explore new business models.

3rd Entrepreneurship Training Program: 23/05/2022 – 03/06/2022 – 16 Participants

4th Entrepreneurship Training Program: 21/11/2022 – 02/12/2022 – 19 Participants



Legal and Tax Implications

| Legal and tax implications | Tax formalities |
|---|---|
| <ul style="list-style-type: none"> no minimum associates – starting with the individual/ owner No capital requirements Owned-managed Liable on all their personal assets The remuneration of the manager is not deductible expense Tax filing is before February for individuals and professionals and before April for merchants and commercial establishments Submitted to Libanpost both the filing and payment | <ul style="list-style-type: none"> For merchant & commercial establishment <ul style="list-style-type: none"> - tax on commercial, industrial & non-c profits. - real profit basis calculated on net profit allowed deductions as per the MOF - per tranches after family deductions For individuals registered at the MOF <ul style="list-style-type: none"> - tax on commercial, industrial & non-c profits. - flat profit basis as per the percentage rate by MOF : Decision No.4169 dated : 16/08 - per tranches after family deduction only - As per the decisions : registered under nu - صناعة وتجارة الالبان والاجبان والمواد الدهنية والزيت - 15% of the revenues are taxable |

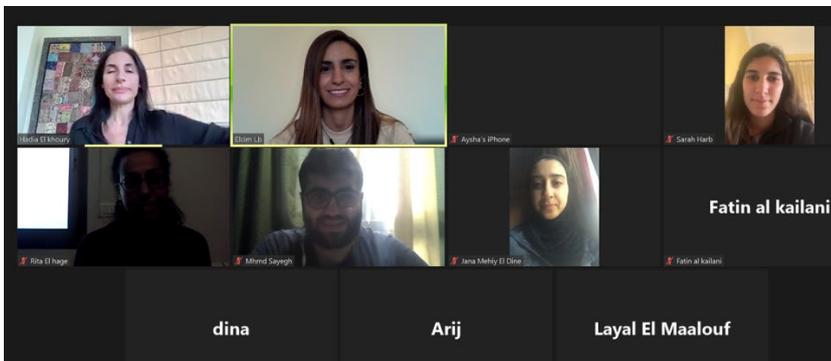
Participants: Mirza Charmiss, Bassam Matta, Iman almouha..., Iman almouhamad, yara khawaja





Open Days

In 2022 ELCIM @IRI Living Lab organised 3 open days where participants got the chance to acquire innovative solutions presented by startups dedicated to develop the dairy industry. From advanced technologies and farm management to sustainable packaging solutions, the Open Days were filled with ideas poised to shape the future of dairy production and consumption.



Focus Groups

26 April 2022

ELCIM held the 5th and 6th Focus Group Series in April 2022 in the Transdairy Living Lab. The focus groups aimed at bringing together experts, entrepreneurs, researchers, public authorities, and industrialists in the field of the Dairy Value Chain to discuss existing as well as potential partnerships among these stakeholders, and how they can integrate bio/nano and ICT technologies to foster innovation in and develop the Dairy Value Chain in Lebanon.



BROKERAGE EVENT- TUNISIA

On the 15th of December 2022 , ELCIM team and 2 Lebanese SMEs supported by the TRANSDAIRY Project participated in the cross-border brokerage event in Tunisia.

Naji Abi Zeid and Joelle Chebli represented the Lebanese Living Lab implemented at IRI. Business ideas were discussed and new areas of collaboration were explored through matchmaking roundtables and B2B meetings.





**The Euro-Lebanese Centre
for Industrial Modernisation (ELCIM)
at the Industrial Research Institute (IRI)**

