

Newsletter



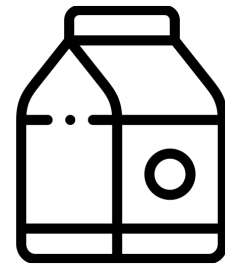
TRANSDAIRY

TRANSborder Key Enabling Technologies and Living Labs for the DAIRY value

Issue #1



new tools and techniques for a more efficient and sustainable DVC, which will decrease the delivery times, waste and logistic costs, increase, and improve the quality and safety of milk and dairy products.



Project description

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 create the critical mass of research results marketable by spin-offs to cover the entire DVC.

The TRANSDAIRY project, coordinated by L. Zeni - University of Campania Luigi Vanvitelli, 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, it will establish 8 cross-border Living Labs, increase institutional capacity through specialized trainings, provide a market analysis for the new products and services enabled by KETS. It is expected to provide

Objective

To enhance the technological transfer among research, industry and SMEs in the fields of Key Enabling Technologies applied to the Dairy Value Chain, by the creation

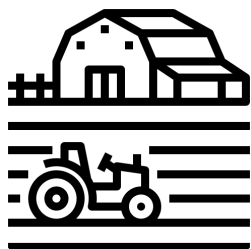


“Cross border cooperation is needed to create the critical mass of research results marketable by spin-offs to cover the entire DVC”

of Living Labs, the increase of institutional capacities through training, and the development of market intelligence for sustainability and consolidation of spin-offs.

What will be improved?

The involved regions share a DVC based on small farms generally family-run whose younger members tend to flee from such demanding jobs, faced by competition which offer low cost and low-quality imports. These regions are also facing climate change. TRANSDAIRY will try to modernize some practices and help the transition towards a model more adapted to the reality of today's globalization. Besides creating jobs, it will increase the quality and safety of dairy products, increase productivity, adopt new solutions and increase small farmers' revenues.

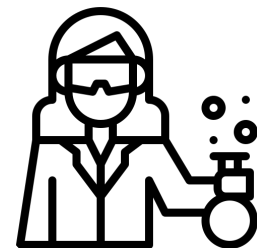


Who will benefit?

- Government Research Agencies and Universities
- The Dairy Value chain actors: farmers, transporters, distributors, etc.
- Women and younger people working in the sector, seeking new opportunities and jobs
- Research entities in ICT and Bio/Nano Technologies
- Dairy products consumers

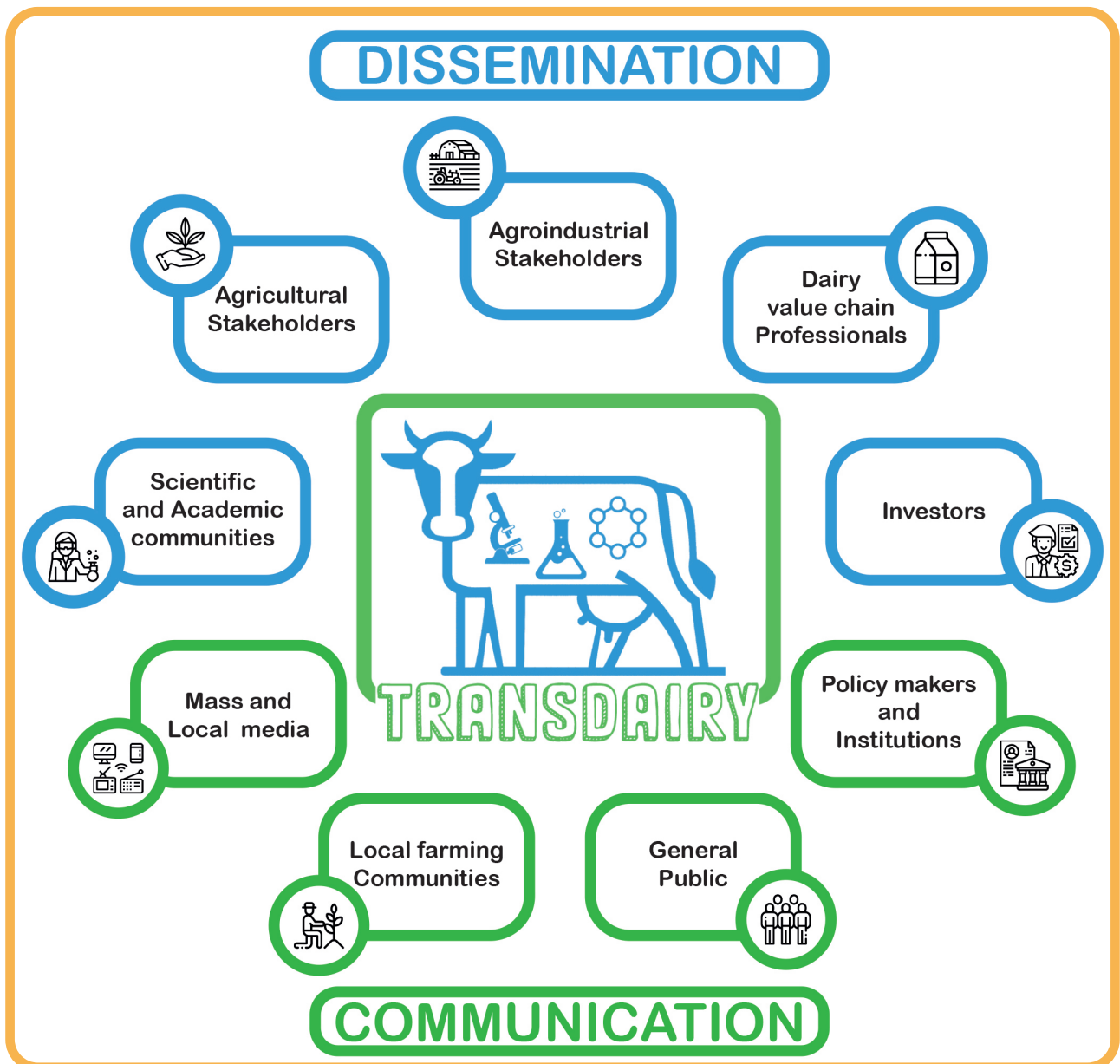
Expected achievements

- 8 Living Labs set up: 4 in Biotechnologies and 4 in ICT
- 2 web platforms launched for pre-competitive analysis of products and services
- 8 training courses implemented with at least 200 beneficiaries
- 16 vouchers for spin-off establishment
- 12 vouchers for co-development of patents
- 28 vouchers for co-publication on KETs



“Provide new tools and techniques for a more efficient and sustainable DVC”





Contribution to policy-making

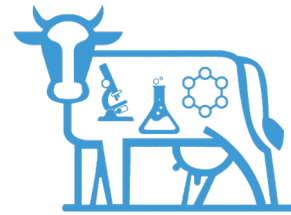
Transdairy is in-line with most regional and national plans for innovation. In Campania and Piedmont, the innovation policy network provides multiple initiatives of regional development and agriculture plans. In MPC, the involvement of public entities from Tunisia and Lebanon is an asset to make sure the outcomes of the projects will be supported at policy making level.



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- ISBST - Institut Supérieur de Biotechnologie de Sidi Thabet, Biotechpôle de SidiThabet, Université de la Manouba (TN)
 - AUB - American University of Beirut (LB)
 - LA ROMANA FARINE SRL (IT)
 - American University or Beirut (LB)
 - OEP - Office de l'élevage et des Paturages (TN)
- ISTIC - Institut Supérieur des Technologies de l'Information et de laCommunication (TN)
 - Master & Co srl (IT)
 - Agribator (GR)

Interview with Dr. Fatma Trabelsi

Chair of the TRANSDAIRY steering committee and responsible at ESIM



Biography

Dr. Fatma TRABELSI is the Principal Investigator of the TRANSDAIRY (ENI CBC MED) from the Partner 9, the Higher School of Engineers of Medjez El Bab (ESIM). She is the chair of the Steering committee of the project and responsible of its communication and dissemination. About her curriculum, she is a teacher-researcher at ESIM specialist in Geo-information and Hydrogeology. She has significant experience in the coordination of international projects where she was a Principal Investigator of ten R & D projects in the fields of Climate Change and Agriculture, water resources management, Agri-Food, capacity building for higher education, rural waste management... These projects were funded by different grants such as EU_PRIMA, EU_ERASMUS+, EU_ENI CBC MED, PEER_NAS_USAID, KAFACI, Korean Tunisian cooperation, Indian Tunisian cooperation.

Interview

- Dr. Trabelsi, is the Living Lab approach to the dairy value chain, something innovative for the Tunisian partners?

- The first time we discussed about the project, I was readily attracted by the living Labs and Spin-off concepts. I had already my little idea about these structures and Transdairy offered me the opportunity to apply them in Tunisia.

- Dr. Trabelsi, how is the situation of dairy production in the area where you work?

- The higher education institution [ESIM] to which I belong is located in one of the most important milk-producing regions of the country, with already some ancestral traditional know-how in dairy products production.

- Dr. Trabelsi, what could be Transdairy impact on the dairy value chain in Tunisia?

- I am very optimistic and hope that Transdairy will support the regional development based on the technological transfer in the field of added-value dairy products and help to create new jobs and professional careers.



TRANSDAIRY

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