

LIFE RENDER - Promoting the implementation of Product Environmental Footprint Methodology in the European Dairy Sector

LIFE16 ENV/ES/000173



INTRODUCTION TO THE LIFE RENDER PROJECT



Deloitte.



<http://www.life-render.com>



PROJECT LOCATION: France, Spain & Portugal.

BUDGET INFO:

Total amount: € 1.717.552

% EC Co-funding: 60%



DURATION: Start: 04/09/2017 - End: 30/11/2020

PROJECT'S IMPLEMENTORS:

Coordinating Benef:



Associated Benef:



Deloitte.





BACKGROUND

The Single Market for Green Products Initiative

*Communication from the Commission to the European Parliament and the Council COM(2013) 196
published on 9 April 2013*

- ❑ Aims to overcome the barriers encountered by companies when trying to market their products as “green” on different member state since there is a lack of widely accepted, science-based definition of what a green product/organisation is.
- ❑ Proposes two methods to assess and benchmark the environmental performance of products and organisations throughout the life cycle, the **Product Environmental Footprint** (PEF) and the **Organisation Environmental Footprint** (OEF).
- ❑ Provides principles for communicating environmental performance, such as transparency, reliability, completeness, comparability and clarity.
- ❑ Announces a **three-year testing period** to develop **simplified rules for specific product groups and sectors** (Product Environmental Footprint Category Rules (PEFCR) and Organisation Environmental Footprint Sector Rules (OEFSR)) through a multi-stakeholder process.

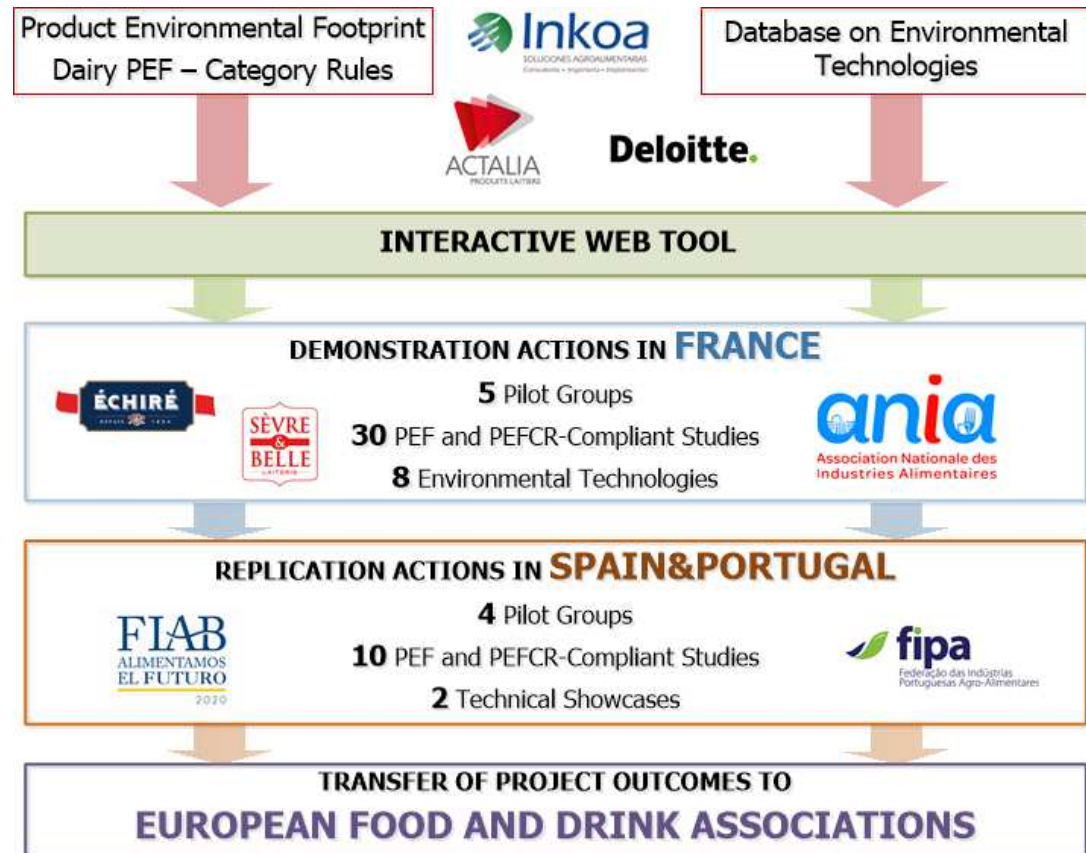


OBJECTIVES & SCOPE:

The main objective of the project is to promote the implementation of the **Environmental Footprint Methodology (PEF)** at European level as key tool to **assess and to communicate life cycle environmental performance** to business consumers and stakeholders.

Specific objectives:

- ❑ Develop an ICT tool supporting the development of PEF and PEFCR compliant studies by Food SMEs and enabling the identification of focused environmental technologies.
- ❑ **Large-scale demonstration** by assessing the environmental footprint of **dairy products** in France and by implementing **environmental measures** to lower their environmental footprint.
- ❑ Demonstrate the **Transferability Potential** of the developed tools to other Member States in Dairy companies of **Spain and Portugal**.





EXPECTED IMPACTS

The first Life-RENDER result will be an **Interactive Web Tool** integrating the PEF and Dairy PEFCR methodologies for the determination/evaluation of the environmental footprint of products and enabling the identification of focused Best Available Techniques, Technologies and Management Practices to lower their environmental footprint.

By identifying **critical chain elements** inducing higher environmental impacts in dairy products and by identifying a **set of measures lowering their impacts**, the following environmental indicators will be achieved on Dairy SMEs;

- Prevention of 10% of **water consumption** and 10% of **wastewater generation**.
- Prevention of 15% of **energy consumption**.
- Prevention of 5% of **waste generation**.
- Prevention of 84 tonnes/year of **CO₂ emissions** during the project implementation.

By **lowering operating costs** of participating Dairy companies and improving their market penetration, the following socio-economic results will be obtained:

- 10% of reduction in the **cost per ton** of dairy product manufactured.



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Thank you for your attention!



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