

LIFE The Tough Get Going



LIFE 16 ENV/IT/000225 - LIFE TTGG

www.lifettgg.eu

Il progetto LIFE TTGG

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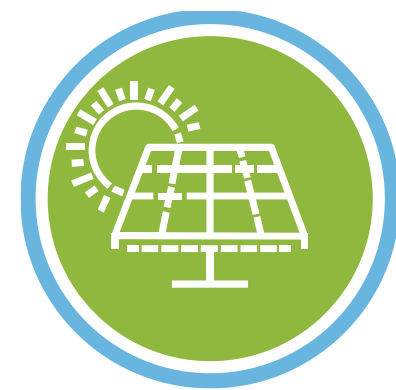


POLITECNICO
MILANO 1863

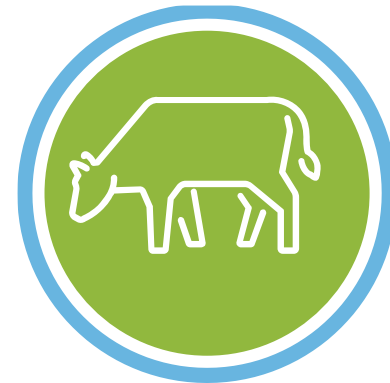


Context and motivations

In order to improve the efficiency of production processes, solutions need to be implemented throughout the entire supply chain. In this regard, the European Commission has set ambitious targets to reduce greenhouse gas emissions and environmental degradation as part of the European Green Deal.



Renewable energy



Best available techniques



Circular economy



European Commission

PEF

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Going



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Budget and partnership

BUDGET : 2 148 987 € (EU contribution 1 270 869 € - 59%)

DURATION : 5 years (July 2017 – June 2022)

BENEFICIARY COORDINATOR: Department of Energy - Politecnico di Milano



Goal and scope - LIFE TTGG

GOAL: developing a software to calculate and to reduce the environmental footprint (cradle to grave approach) of PDO cheeses.



PEF

Not just about climate change:
16 environmental indicators

SCOPE: optimizing the environmental and economic performance of the involved players (farms, dairies, and packers) and raising the environmental awareness of individual manufacturers and consumers.



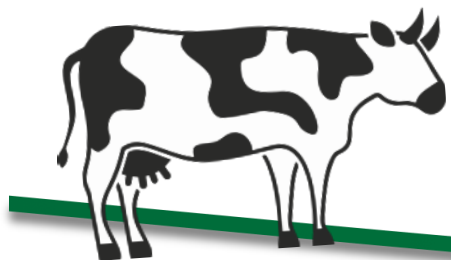
A supply chain approach, in numbers

DATA COLLECTED FOR GRANA PADANO PDO SUPPLY CHAIN

- 65 farms for raw milk production
- 20 dairies and ripeners
- 18 packers

DATA COLLECTED FOR COMTÉ PDO SUPPLY CHAIN

- 35 farms for raw milk production
- 15 dairies and ripeners

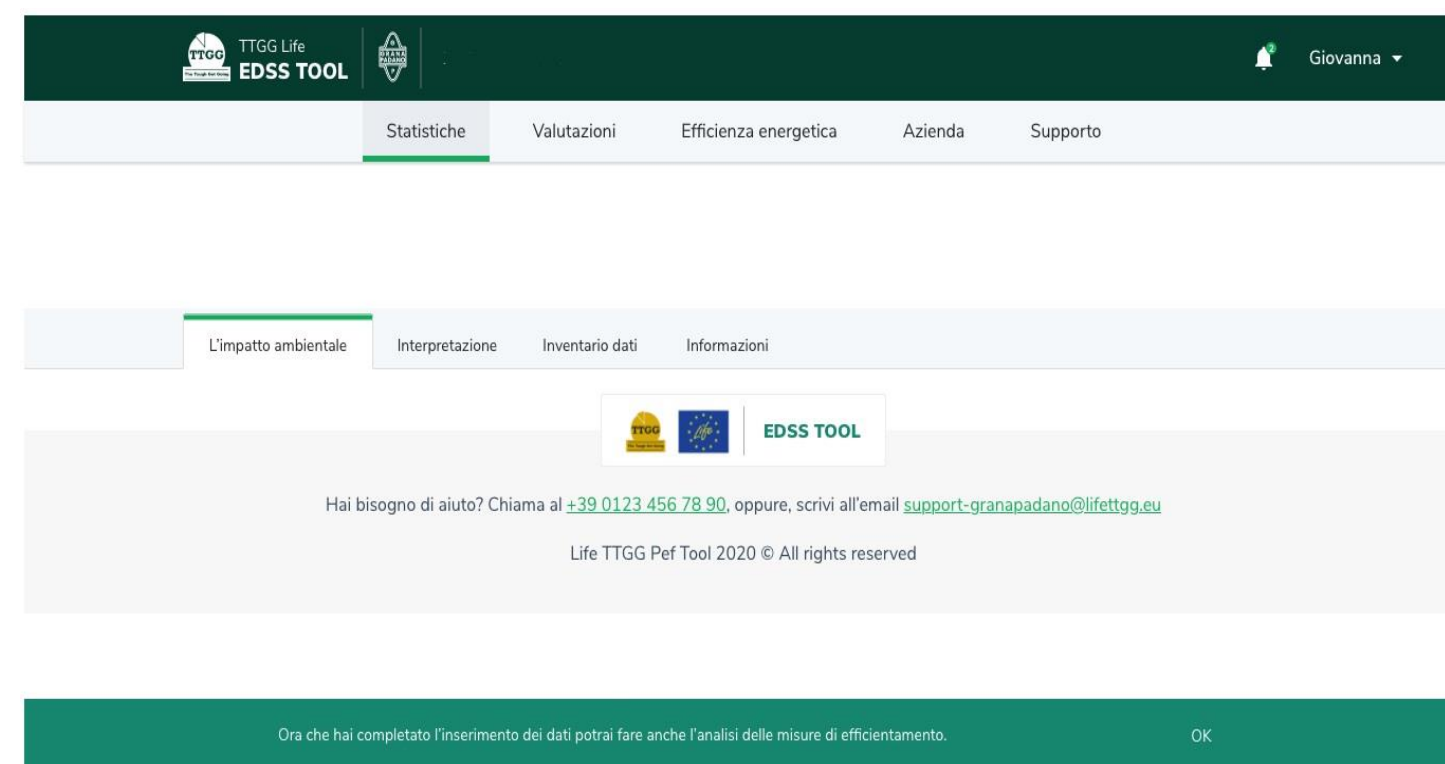


A software to calculate and reduce the environmental footprint

The LIFE TTGG software, a tangible tool that will allow:

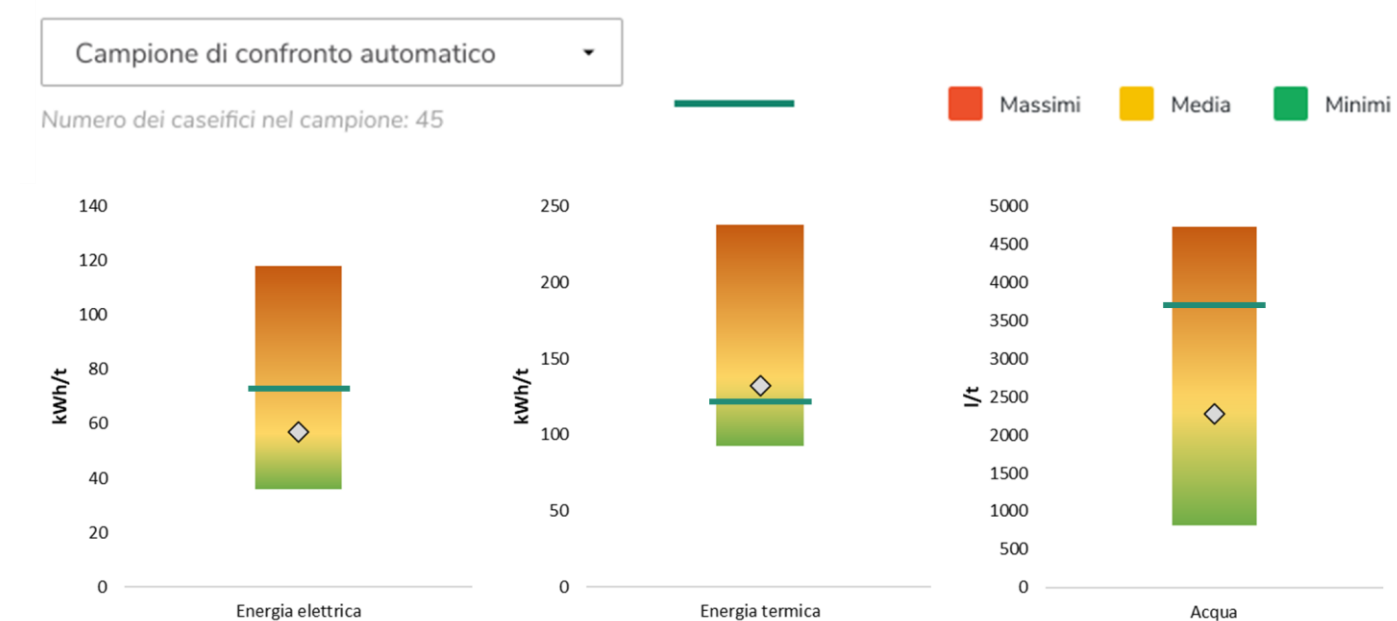
- ❖ the calculation of the environmental footprint;
- ❖ comparison with an average performance at the Consortium level (benchmark);
- ❖ the management of consumption data at Consortium level, allowing data processing and monitoring over time.

It will also propose, as we will see later, solutions for the efficiency of the production chain.



Fabbisogno processo produttivo - Confronto con i valori di riferimento

I dati di consumo elettrico, termico e idrico sono confrontati con i valori di riferimento. I risultati sono accompagnati da



Extension to Italian and EU PDOs



WHY LIFE TTGG?

LIFE TTGG is a robust and always up-to-date approach. It results from a multidisciplinary team with expertise in the entire supply chain, with more than 10 years of experience in the agri-food sector!





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