

LIFE The Tough Get Going

(LIFE TTGG) PROJECT

LIFE 16 ENV/IT/000225 – LIFE TTGG
ENVIRONMENT - RESOURCE EFFICIENCY

SEEDS&CHIPS 2018

JACOPO FAMIGLIETTI - *Scientific Coordinator*
DEPARTMENT OF ENERGY - POLITECNICO DI MILANO

Milano, Italy - May 10, 2018



POLITECNICO
MILANO 1863





Introduction

The European Union (EU) has mentioned that **in the near future** companies will be able/will have to communicate the environmental footprint on their product labels (Roadmap to a Resource Efficient Europe. European Commission, 2011).



European Commission

PEF



A

BETTER

B

C

AVERAGE

D

E

WORSE



LIFE The Tough Get Going



POLITECNICO
MILANO 1863



The European Union with the Roadmap to a Resource Efficient Europe outlines how to transform Europe's economy into a sustainable one by 2050. It defines:



The energy sector as a priority



The food sector, one of the most key sectors



Circular economy action plan





Partnership and budget

BUDGET : 2,148,987 € (EU contribution 1,270,869 €)

DURATION : 4 years (July 2017 – June 2021)

COORDINATOR: Department of energy - Politecnico di Milano

RESEARCH INSTITUTIONS:



POLITECNICO
MILANO 1863



OTHER PARTNERS:



oriGIn



ENERSEM



Objective and scope

OBJECTIVE: 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: optimising the environmental and economic performance of the involved players (**farms, dairies and packaging manufacturers**) and raising the environmental awareness of individual manufacturers and consumers.

In terms of raw milk volume per year, we are talking about 3,500,000 m³ (approx. 1,500 Olympic-size swimming pools).



Ongoing project

How to manage livestock manure?



How to improve energy efficiency in dairy plants?



How to reduce food loss and food waste?



LIFE The Tough Get Going



POLITECNICO
MILANO 1863



POLITECNICO
MILANO 1863

JACOPO FAMIGLIETTI

jacopo.famiglietti@polimi.it

www.energia.polimi.it

Follow us

Web page: www.lifettgg.eu



facebook: [@LIFE.TTGG](https://www.facebook.com/LIFE.TTGG)



Twitter: [@LIFE_TTGG](https://twitter.com/LIFE_TTGG)





Thank you