



LIFE13 ENV/GR/000958

Development of an integrated strategy for reducing the carbon footprint in the food industry sector

Project Duration
01/09/2014 - 31/10/2017



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Project Aim

The main objective of the LIFE FOODPRINT project is to identify, quantify and implement measures to reduce, the carbon footprint (CF) of the pastry and flour food industry sector along the supply chain while increasing competitiveness through the development of an innovative software tool.

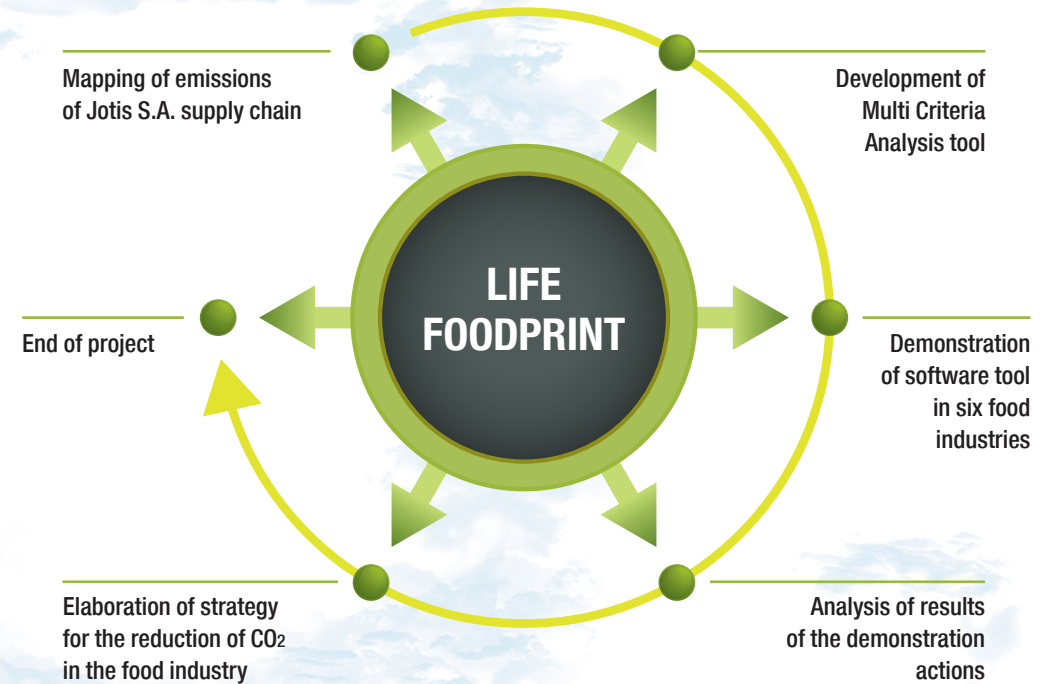
Project Specific Objectives

- ▶ Developing a robust software tool that will enable the reliable determination & evaluation of the CF food products considering direct and indirect activities. The software tool shall be characterized by its reliability and easiness in use.
- ▶ Performing a large scale demonstration of the developed CF tool in 6 food industries in Greece and Italy aiming to:
 - evaluate the CF of their products along the supply chain,
 - identify the Carbon hotspots contributing in raising the CF of products along the value chain, and
 - develop GHGs emissions mitigation programs for each of the participating food industries by incorporating appropriate set of offsetting measures.

Two of the participating food industries will implement the measures suggested by the software tool in their supply chains for a period of at least 5 months. The results of the demonstration action will facilitate the elaboration of a national recommendation plan for minimizing the carbon footprint in the food industries of Greece and Italy.



Project Methodology



Expected Results

- ▶ Carbon Footprint tool.
- ▶ 6 Food industries will participate in the demonstration phase of the software tool while 2 will participate in the demonstration phase of proposed measures.
- ▶ More than 100 products will be assessed for their carbon footprint and CO₂ offsetting programs and measures will be proposed and applied.
- ▶ More than 15% carbon footprint reduction potential for each pastry & flour product by applying the suggested offsetting programs and measures.
- ▶ National plan on CO₂ offsetting potential in the pastry & flour food industry sector.
- ▶ More than 10% overall CO₂ offsetting potential from pastry and flour industry at national level.
- ▶ More than 5 routes developed to achieve the potential CO₂ reduction at national level.
- ▶ At least 1000 consumers will be informed on carbon labeling initiative.
- ▶ At least 30 IT experts will be trained to use the software tool.

PROJECT BENEFICIARIES



▶ Jotis SA (Co-ordinator)



▶ Federation of Hellenic Food Industries (SEVT)



▶ National Technical University of Athens (NTUA)



▶ AKTINA SA



▶ Agricultural University of Athens (AUA)



▶ BIOCHEM ARVANITIDIS SA



▶ Environmental Knowledge



▶ AFOI KONTZOGLOU SA-LOGISTICS



▶ Spread European Safety GEIE (SPES)



The project is co-financed from the LIFE financial instrument of the European Commission.