



LIFE Clim'Foot Project

Implementing Public Policies to Calculate and Reduce Organisations' Carbon Footprint



CENTRE FOR RENEWABLE ENERGY SOURCES AND SAVING



With the contribution of the LIFE+ Programme of the European Commission LIFE 14 GIC/FR/000475



With the participation of Bilan Carbone®



Context

Climate change is a challenge that is being addressed all over the world. Over the past decades, the European Commission (EC) has defined a set of objectives and policies to mitigate its impact and is always reinforcing the legislation to shift towards a resource-efficient, low-carbon and climate-resilient economy. These objectives require the **involvement** of all European stakeholders and, among others, all the **organisations**, which need to be supported by National policy makers.

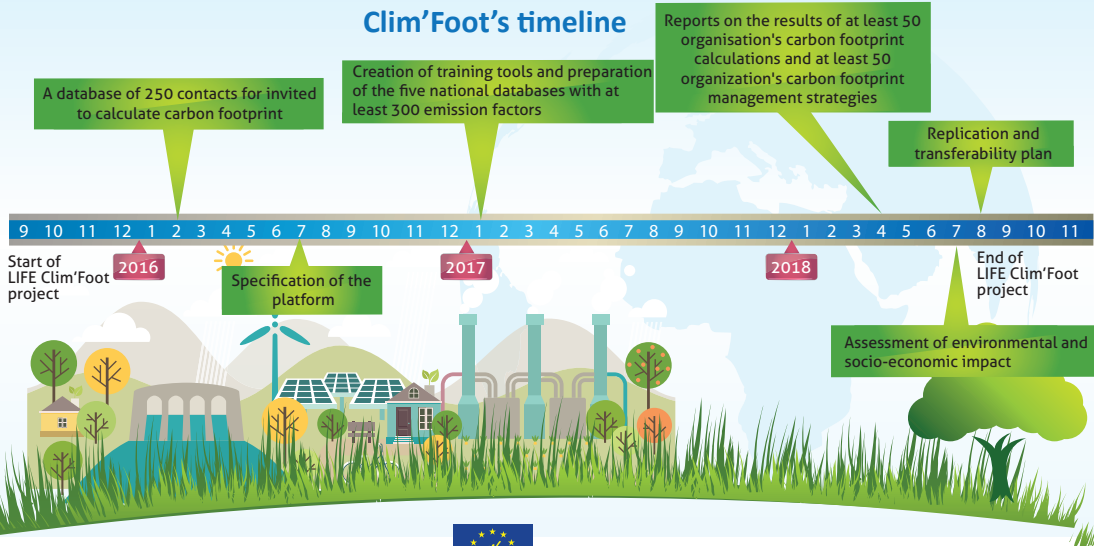
Whereas the EU Emission Trading System (EU ETS) has led to the development of National policies targeting the most emissive industries by calculating their direct greenhouse gases (GHG) emissions, no common framework has been proposed for reaching the less emissive organisations, for which evaluation of indirect emissions (e.g. production of raw materials, electricity and fuels used in the manufacturing) is of high importance to reduce their global environmental footprint. Due to the complexity of assessing indirect emissions, only a few National public policies have been implemented all over the world, even though organisations are requesting for such **schemes** and **supports**. Main collective goals till 2030:

- to reduce the green house gas-emission by 40 % (1990),
- to reach 27 % more energy efficiency,
- to use renewables by 27 %.

What is Clim'Foot?

The LIFE Clim'Foot project aims to address the **lack of ambitious public policies** to support the harmonised calculation and the **reduction of the Carbon Footprint of Organisations (CFO)**.

Clim'Foot's timeline



LIFE programme

The LIFE programme is the **EU's funding instrument** for the **environment** and **climate action**. The general objective of LIFE is to contribute to the implementation, updating and development of EU environmental and climate policy and legislation by **co-financing projects** with European added value.

The European Commission (DG Environment and DG Climate Action) manages the LIFE programme. The Commission has delegated the implementation of many components of the LIFE programme to the Executive Agency for Small and Medium-sized Enterprises (EASME). External selection, monitoring and communication teams provide assistance to the Commission and EASME.

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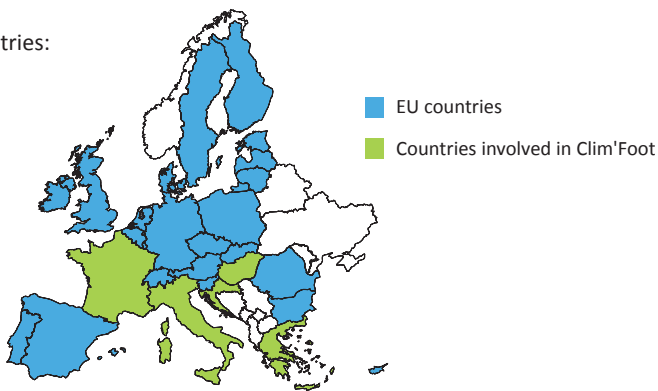
More specifically, the project objectives are:

1. to launch a **European dynamic network around CFO** in accordance with EU requirements; to develop country-specific and free of charge **emission factors databases**: <http://climfoot-project.eu>;
2. to develop a **capacity building programme** to train end-users for the implementation of public policies for both calculating and reducing CFO in order to reach EU climate objectives;
3. to gather the whole value chain - from policy makers to investors - around EU organisations to **implement efficient mitigation plans** that will both improve their carbon footprint and boost their competitiveness.

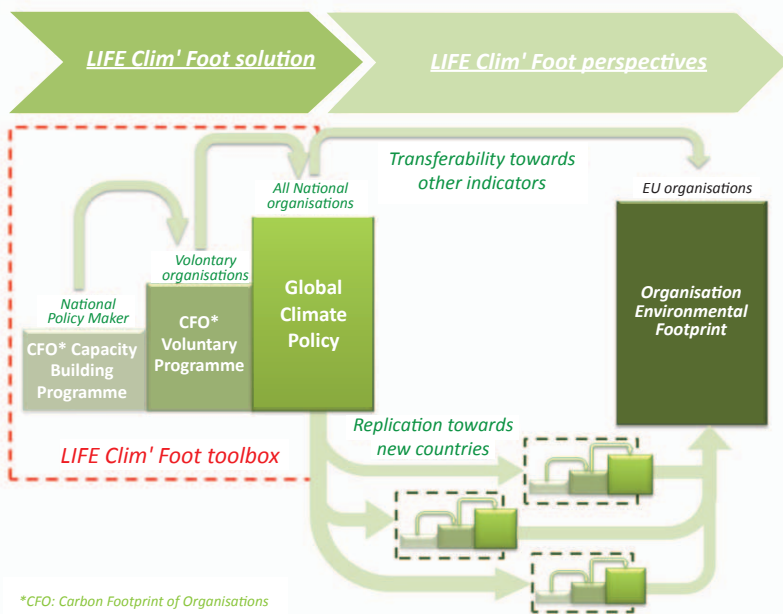
The LIFE Clim'Foot project targets CFO as it is one of the most well-known environmental indicator, with mature assessment methodologies. Clim'Foot is the first step for constituting a **global approach** for **organisation environmental footprint initiative**.

Participating countries:

- France
- Italy
- Greece
- Hungary
- Croatia



Objectives and scope



Clim'Foot partners focus

ADEME provides expertise and advisory services to business, local authorities and communities, government bodies and the public at large, to enable them to establish and consolidate their environmental action. The main ADEME's activities within Clim'Foot project are to coordinate the project and to animate the Clim'Foot hosting platform.

IFC is the first European Training Institute dedicated to energy and climate issues and it offers training sessions on methodologies, tools to representatives of public and private organizations. IFC main's activity within the project is to create training materials, to assist project partners acquiring required knowledge on Carbon Footprint of Organizations as well as delivering training sessions to end users in each partner's country.

The Energy Institute Hrvoje Požar (EIHP) is cooperating with Croatian, regional and EU institutions on the sustainable energy development, taking into account the environmental and climate protection. The main EIHP's activities within the project are to create a national emission factor database and implement it into the Bilan Carbone calculation tool, to train end-users for calculating and reducing their carbon footprint, and to reach the decision-makers in order to make supporting programs and legislation.

Herman Otto Institute (HOI) is a central environmental institution in Hungary, responsible for the development of communal, cultural and economic areas, preservation of domestic natural values and protection of the environment. The Institute's main activities within the project are: to build a country-specific emission-factor database, to train end-users, to create the voluntary program's methodology, to support end-users' carbon footprint calculation and to involve decision-makers.

CRES is the Greek national entity for the promotion of renewable energy sources, rational use of energy and energy saving. CRES has been appointed as the national co-ordination centre in its area of activity. Its main goal is the research and promotion of RES/RUE/ES applications at a national and international level, as well as the support of related activities, taking into consideration the principles of sustainable development. The main activities of CRES within the project are the creation of a country-specific database of emission factors and the training and support of organisations in the calculation of their carbon footprint.

Ecoinnovazione Srl is a consultancy firm, set up as an ENEA spin-off, supporting both private and public sectors in implementing eco-innovation processes with flexible and tailored solutions making use of life cycle-based methods and tools. The Ecoinnovazione's main activities within the projects are related to the definition of the methodological framework for constituting the national databases (in collaboration with ENEA), to build a country-specific emission factor database, to train end-users and support them in the carbon footprint calculation and in the implementation of mitigation actions based on the results of the analyses.

ENEA is a research public organisation that also provides consultancy services for enterprises, Public Authorities and the Central Government in the fields of new technologies, energy and sustainable development. ENEA's main contributions to the project concern the definition of the methodology for constituting the National Databases of Emission Factors; the creation of a country-specific database of emission factors; the training and support of some Italian organisations in the calculation of their carbon footprint; the replicability and transferability of Clim'foot approach; the dissemination actions.