
Our Sustainable business

International Gate SA takes care about the sustainability issues and conducts its business in a socially responsible manner.

For this reason, we take part to **The Social Plastic Foundation**.

It is a charity established to support, enhance & grow the world's Social Plastic recycling ecosystems. These are recycling communities in developing regions that utilize the recycling reward & incentive platform to improve livelihoods while preventing ocean plastic, we are proud to be part of this community.

International Gate SA provides to their clients the possibility of using social and recycled plastic that helps the environment and avoid the Ocean Plastics.

In order to optimize the carbon foot print for our customers, we are able to support the industry with the **Life Cycle Assessment (LCA)**, with the scope to have plastic products on the shelf with Zero environmental impact thanks the purchasing of Green Certificates.

LCA is used as a tool to assess the environmental impacts of a product, process or activity throughout its **life cycle**; from the extraction of raw materials through to processing, transport, use and disposal.

The LCA process is a systematic, phased approach and consists in four components:

- goal definition and scoping

Define and describe the product, process or activity. Establish the context in which the assessment is to be made and identify the boundaries and environmental effects to be reviewed for the assessment

- inventory analysis

Identify and quantify energy, water and materials usage and environmental releases (e.g. air emissions, solid waste disposal, waste of water discharges)

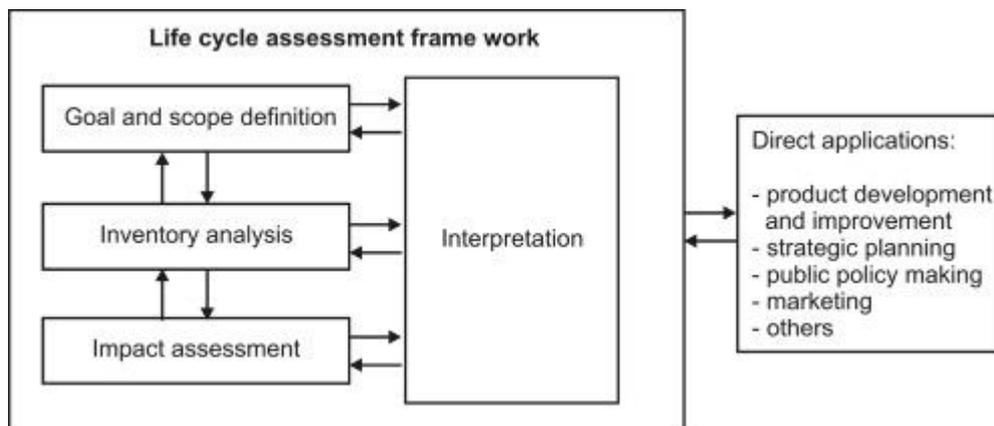
- impact assessment

Assess the potential human and ecological effects of energy, water and material usage and the environmental releases identified in the inventory analysis.

- interpretation

Evaluate the results of the inventory analysis and impact assessment to select the preferred product, process or service with a clear understanding of the uncertainty and the assumptions used to generate the results.

This are the four stages of LCA under the ISO 14040 guidelines:



Source: sciencedirect.com

The client can ask for this analysis anytime, in order to know the CO₂ emission for each product.

After this analysis, we support our clients to buy so called **White Certificates**, also known as "Energy Efficiency Certificates". They are negotiable certificates that certify the achievement of energy savings in the end uses of energy through interventions and projects of increases in energy efficiency: for each emission of CO₂ a tree is planted, in order to compensate the pollution.

In this way, with Social Plastic and the LCA Analysis, we look at the future, safeguarding the present too.