

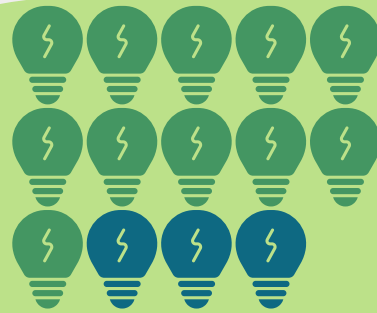
LIFE CYCLE ASSESSMENT Procedure to follow

Carrying out LCA needs to follow specific standards. We are talking about the **ISO 14040-14044 standard**.

This set of rules describes the procedure to be followed for conducting an LCA study, which is characterized by **4 distinct phases**

Phase 1

Objective and scope: in which a detailed process tree is developed, including the identification of all inputs (input resources) and outputs (waste/emissions)

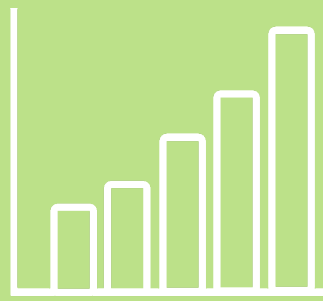


Phase 2

Analysis of the inventory, which provides for the collection of all data relating to each process to be analyzed.

Phase 3

Impact assessment: in which the environmental impacts on health, resources and quality of the ecosystem are examined;



Assessment phases:

The phases of the proper analysis of a product's life cycle are 7, in particular: **Design, Raw Materials, Processing of materials and Production, Packaging, Transport, Phase of Use, End of Life.**



Phase 4

Results interpretation: that is the comparison between the results and the predefined objectives of the study.

