

Environment

In Focus: Products Environmental Assessment

Thales' approach and performance in terms of environmental management is detailed in its latest [CSR Integrated Report](#). This fact sheet provides supplemental information on Thales' Products Environmental Assessment.

Approach and Principles

Thales is committed to continuously improving its products environmental footprint. To inform the early stages of product design and to estimate impacts at the end of the design phase, Thales systematically gathers relevant information through Life Cycle Assessment (LCA) and Life Cycle Environmental Evaluation (LCEE) tools.

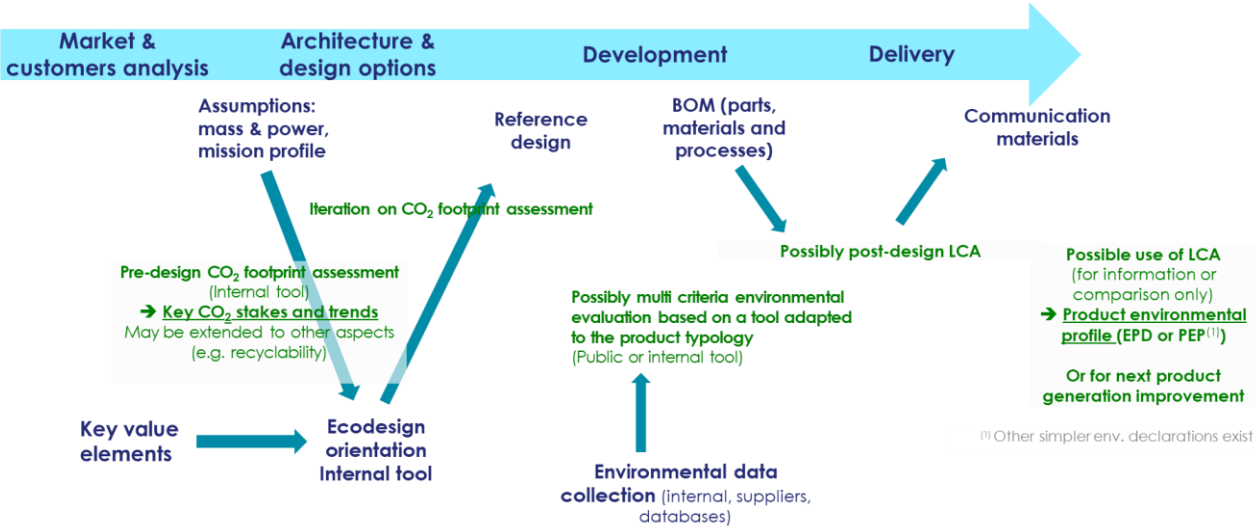
By leveraging these tools, Thales product development teams are able to:

- Identify and evaluate the significant environmental aspects and impacts of a product, estimating these impacts with varying degrees of precision.
- Compare the environmental impacts of different product architectures.
- Assess and compare the environmental impacts of alternative technologies used to perform a function, or part of a function, within the product.

3 types of Life Cycle Environmental Evaluation are conducted:

1. Life Cycle Analysis (LCA): Conducted in accordance with the latest ISO 14040 and 14044 standards.
2. The Simplified Life Cycle Multi-Criteria Environmental Evaluation: Based on internal or publicly available tools tailored to the product typology, and using databases suited to these products. While informative, these simplified assessments do not claim full compliance with the LCA standards.
3. The Mono-Criteria CO₂ Footprint-Oriented Assessment: Utilizes an internal tool to estimate CO₂ emissions across the entire product life cycle, taking into account a specific 'usage profile' defined for each product type.

Integration of Environmental Assessment into Product Development Process



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Methodology

Thales' portfolio comprises hundreds of diverse products, ranging from SIM cards to entire satellites, as well as radars, radios, avionics equipment, and more.

To ensure the consistency of the environmental assessment across this portfolio, products of similar nature and function have been categorized into "Product lines".

Product Lines that are exclusively dedicated to consultancy, support, integration, training, or maintenance services are excluded from the scope of Life Cycle Environmental Evaluations. As a result, 188 Product Lines are deemed eligible for such evaluations.

To assess the coverage of Life Cycle Environmental Evaluations, Thales verifies, for each eligible Product Line, whether at least one product (often more) within that line has undergone an environmental assessment. This analysis is performed separately for each type of evaluation.

2024 Coverage

8% of eligible Product Lines are covered by a full Life Cycle Analysis (LCA).

18.1% of eligible Product Lines are covered by a Simplified Life Cycle Multi-Criteria Environmental Evaluation.

17% of eligible Product Lines are covered by a Mono-Criteria, CO₂ Footprint-Oriented Assessment.

Some Product Lines benefit from coverage by two or even all three types of evaluations.

Overall, 36.2% of eligible Product Lines are covered by at least one Life Cycle Environmental Evaluation.

