

THE MOST COMPREHENSIVE
APPROACH:
LIFE CYCLE ASSESSMENT

First glass processor to
evaluate its product's
total environmental
footprint



Glassolutions, always committed

Protecting the environment means **knowing and improving our ecological footprint on a daily basis**:

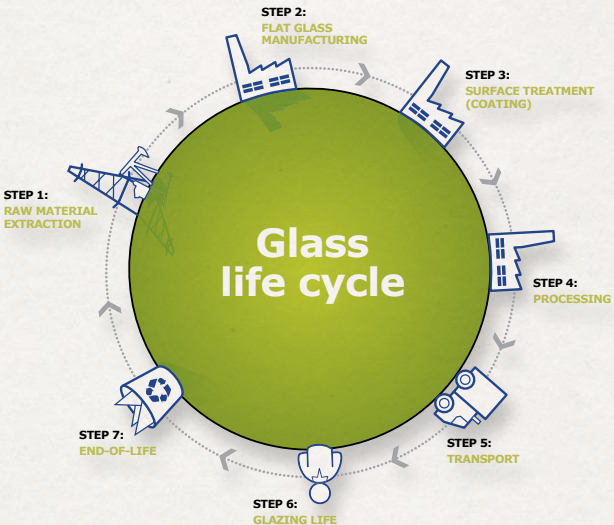
- reducing our consumption of energy, water, raw materials, CO₂ emissions at production stage,
- increasing the energy savings benefits of our glazing during use,
- working on recycling our products at the end of their life...

Life Cycle Assessment: a tool underpinning this commitment

Glassolutions is the first glass processor to have put its glass products through Life Cycle Assessments.

Life Cycle Assessment (LCA) is a means to evaluate the ecological footprint:

- at **every stage in the product's life**;
- by studying all **environmental impacts generated** (CO₂ emissions, energy and water consumption, air pollution, waste generation...)



Life Cycle Assessment, the most rigorous and comprehensive tool

①

An approach **based on international standards** (ISO), known and acknowledged by all;

②

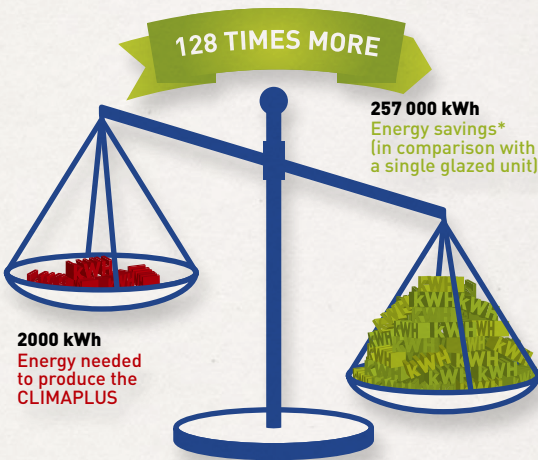
Rigorous and scientific calculations **verified by an independent third party**;

③

The **most comprehensive level of environmental assessment** covering all stages in the glass life cycle and all environmental impacts.

The Life Cycle Assessment makes it possible to improve our environmental footprint, and then to eco-innovate, i.e. create new glazing products, even more planet-friendly, from design stage to disposal.

A significant result: glass gives more energy than it takes



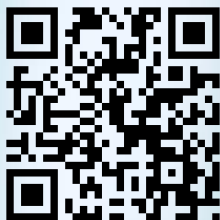
* Calculations are made for a house (100m² with 15m² of CLIMAPLUS 4-16-4 mm), in primary energy, in France for the 30 years of lifetime of the glazing. The results could be different for other countries.

Recognize our commitments with this signature



This pictogram lets you recognize glazing which has undergone a Life Cycle Assessment. The Environmental Product Declaration (EPD) is the official document showing the assessment results. We have decided to have these results verified by a third party to be fully transparent.

Do you want to find out more? Download our EPDs:



<http://epd.glassolutions.eu>



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