



4.2 Green Energy

2023

Introduction



This report is part of the Elysée's Strategy / Pillar 4 / Green Elysée, subdivided into the following categories:

- 4.1 Carbon Footprint
- **4.2 Green Energy**
- 4.3 Zero Waste
- 4.4 Circular Economy
- 4.5 Green Circular products and Technologies for Circularity
- 4.6 Green Policy & Certification

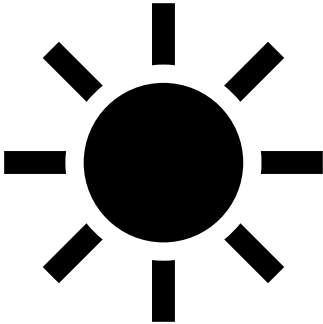
The scope of this report is to present the actions taken in 2023 for the sub-pillar 4.2 with the goal of promoting Green Energy throughout the company's processes.

This report was prepared by Isotech Ltd, Environmental Research and Consultancy. It has been assigned by the Management of Elysée, with the aim of assessing the green actions implemented and their outputs.

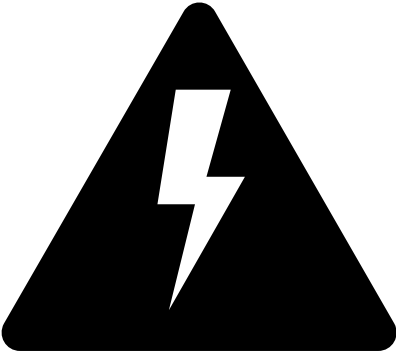
Strategy



Long Term Goals



4.2.1 Investing in Renewable Energy



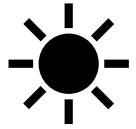
4.2.2 Reduction of overall energy consumption



4.2.3 Green Energy for transportation



4.2.4 Improve Elysee Distribution Centers Energy Efficiency



4.2.1 Investing in Renewable Energy

GOALS

ACHIEVEMENTS

2023

- Install final phase (4th) of Solar Panels Installation
40% of production by solar energy
- All outdoor lighting with autonomous PV panels
- 25% increased electricity from PV

- 24,6% of factory electricity needs covered by Solar Panels¹
- All outdoor lighting is powered with autonomous PV panels
- 23,6% increased electricity from PV

2024

- Initiate installation of Solar Panels in three stores
- 20% increased electricity from PV

¹Solar Panels use is currently under regulatory restrictions and the installed capacity can not be fully absorbed by the company



4.2.2 Reduction of overall energy consumption

GOALS

- 1% reduction in specific energy
- Injection Specific Energy= 1.2 kwh/lt
- Extrusion Specific Energy= 0.58 kwh/lt
- Measure Energy Consumption per machine.
Software update of Injection Moulding machines to allow calculation of energy consumption per product.

ACHIEVEMENTS

2023

- - 3.2% reduction of specific energy
- Injection Specific Energy= 1.19 kwh/lt
- Extrusion Specific Energy= 0.57 kwh/lt
- Software update completed.

2024

- Injection Specific Energy= 1.15 kwh/lt
- Extrusion Specific Energy= 0.55 kwh/lt
- Software update and energy meters in 2/3 of Injection Machines.



4.2.3 Green Energy for transportation

GOALS

ACHIEVEMENTS

2023

- Invest in 2nd electric car.
- Second electric car purchased.

2024

- Invest in 3rd electric car.



4.2.4 Improve Elysee Distribution Centers Energy Efficiency

GOALS

ACHIEVEMENTS

2023

- Certify Strovolos store as nearly zero energy building.
- Energy Audit in Strovolos store was performed and the building was certified as nearly zero energy building (NZEB).

2024

- Initiate installation of Solar Panels in three stores.



Streaming Water. Streaming Life!



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