

Acélpartner Kft. Environmental Product Declaration (EPD)

Acélpartner Ltd. Environmental Product Declaration (EPD)

General Information

- Company name: Acélpartner Ltd.
- Product name: Metalworking
- Location: Hungary
- Issue date: 9 April 2025
- Standards: ISO 14025, EN 15804



Product Description

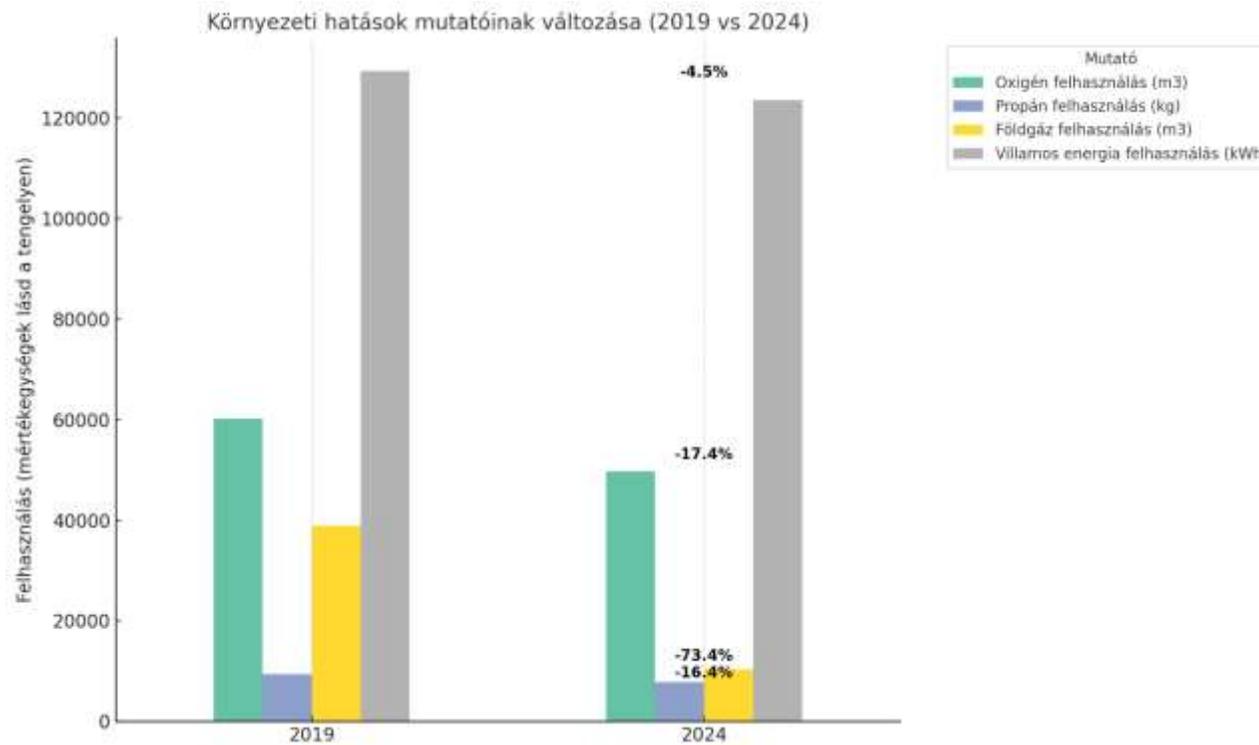
Acélpárner Ltd. was established on 22 March 1999. The company operates one of Hungary's leading thermal cutting facilities at its privately owned industrial site located at 76–80 Gyömrői Road, District X, Budapest, on the premises of the former Budapest Chemical Machinery Plant. Over the past 25 years, the company has specialized in metal processing, including machine flame cutting and plasma cutting of hot-rolled heavy plates. It also undertakes the complete manufacturing of subassemblies from machined or company-cut and processed components. In cooperation with subcontractors and a subsidiary company, it carries out milling, drilling, and turning operations using CNC machining centers installed at their facilities.

At Acélpárner Ltd., the production of high-quality steel-based products aligns with the company's sustainability objectives. Energy-efficient manufacturing practices are implemented, and environmental responsibility is prioritized throughout all operations.

Life Cycle Assessment (LCA) Overview

The EPD is based on a comprehensive Life Cycle Assessment (LCA), which covers the entire life cycle of the product:

1.  Raw material acquisition
2.  Manufacturing
3.  Finished product tracking
4.  Waste management



Energy Management

Acélpartner Ltd. has implemented several energy efficiency measures, including:

- Installation of two 50 kW solar power systems in 2023.
- Replacement of windows and doors to improve insulation.
- Modernization of the electrical network and installation of new compressors.
- Transition to electric forklifts to reduce emissions.

Waste Management

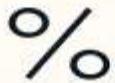
The company actively reduces and recycles metal waste:



Waste management is continuously tracked



Contracts for the transport and recycling of waste



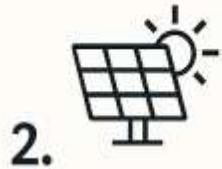
A 4.22% decrease of the share of metal waste in product emissions between 2019 and 2024.

Carbon Neutrality Goals

Steelpartner Ltd. aims to achieve carbon neutrality in the next 10 years by:



Eliminating dependence on natural gas.



Increasing the use of renewable energy by installing solar panel systems

Corporate Social Responsibility

Acélpartner Ltd.'s commitment goes beyond environmental sustainability:



Employee retention programs and professional development initiatives



Supporting local communities through annual donations to charitable organizations



Promoting diversity, equal opportunity, and health protection policies in the workplace

Summary

Acélpartner Ltd.'s steel products have shown significant improvement in environmental performance over the past five years, reflecting the company's strong commitment to sustainability and innovation.

This EPD provides reliable and comparable data for stakeholders seeking environmentally responsible solutions.

For further details or to obtain verification documents, please contact Acélpartner Ltd. or visit the International EPD® System website.