



Press Release

Swiss Innovation Breaks Barriers in E-Scrap Recycling: Clean Recovery Without Chemicals or Heat

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As the global volume of electronic scrap (e-scrap) reaches record highs, the need for scalable, sustainable, and clean recycling solutions has never been more urgent. Predatec Inc., a Swiss cleantech company, is setting a new benchmark in resource recovery by introducing a patented dry-mechanical separation technology that redefines the limits of circular material flows.

Unlike traditional methods that rely on smelting, acids, or energy-intensive processes, Predatec's system cleanly disassembles complex e-scrap into its individual material components — including aluminum, copper, precious metals, plastics, fibers and mineralic dust — without any chemicals or thermal treatment. The process significantly reduces CO₂ emissions, requires far less energy, and enables high material purity across recovered fractions.

"Electronic scrap isn't just a disposal problem — it's a massive untapped resource," says Dr. Deniz Graf, founder and CEO of Predatec Inc. "With our technology, we're enabling true urban mining and clean material recovery at industrial scale."

Predatec's innovation opens the door to profitable and sustainable solutions for sectors including:

- E-scrap recycling
- Automotive & aerospace composites
- Battery dismantling
- Industrial production waste
- Circular economy applications

The modular system is designed for seamless integration into existing infrastructures and is available for partnerships, pilot projects, and technology licensing worldwide.

By combining Swiss engineering with ecological impact, Predatec offers an actionable solution for industry stakeholders, municipalities, and recyclers looking to meet both economic and environmental goals.



About Predatec Inc.

Predatec Inc. is a Swiss technology company specializing in sustainable material recovery. Through its patented dry-mechanical separation process, Predatec enables the clean, efficient, and profitable recycling of electronic and composite waste — helping shape the future of circular industries.

Learn more: www.predatec.com

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