

of sourcing new raw materials at high ecological cost, Predattec enables the recovery of high-purity resources directly from waste — cleanly, efficiently, and close to where the consumption occurs.

“Electronic waste is not just a disposal issue — it’s an untapped urban mine,” says Dr. Deniz Graf, founder and CEO of Predattec. With a background in mechanical and process engineering, Dr. Graf built the company around the belief that true sustainability must be scalable and uncompromising in performance.



Predattec's system processes complex e-waste without chemicals or heat — powering a cleaner circular economy. The picture above showcases materials recovered from a PCB: copper, fiberglass, and epoxy dust.

The company's modular system is designed for large-scale industrial applications and can process up to 3 tons of material per hour and per machine — all without the need for melting or chemical treatment. It integrates easily into existing infrastructures and is adaptable across industries.

Key applications include:

- E-scrap recycling
- Automotive and aerospace composites
- Battery dismantling
- Industrial production waste
- Urban mining and circular economy

Predattec's interdisciplinary leadership team combines expertise in technology, environmental strategy, finance, and circular systems — all aligned with its global vision. The company offers its solutions for partnerships, licensing, and pilot projects worldwide.

Across the Gulf region, where countries are investing heavily in sustainability, circular economy, and advanced manufacturing, Predattec presents a compelling model. For municipalities, recyclers, and industrial players seeking cleaner, more efficient resource recovery, this Swiss technology delivers both ecological and economic value.

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