

Profile number

110636

Patented recognition technology for hard plastics seeks co-investor**Located in**

Netherlands

Personal data**Sector**

Engineering

Type of company

Plastic and rubber conversion

Legal entity:

Limited Company

Type of transaction

Shares

Life phase enterprise

Starting

Employees in FTE

< 5

Type of buyer:

- MBI candidate
- Investor

Financial information**Turnover last financial year**

€ 0 - € 100.000

Asking price

€ 100.000 - € 250.000

Earnings before taxes

€ 0 - € 100.000

Company history/background**Disruptive single-step plastic recognition**

A Dutch deep-tech company has developed a patented technology that recognizes and separates hard plastics in a single process step — including subtypes and black plastic. This breaks through the limitations of existing, fragmented recycling lines.

Structural cost and efficiency gains

The technology reduces sorting costs by >50%, lowers energy consumption by ~70%, and minimizes residual streams. Where up to 40% is currently incinerated, a significantly higher reusable output is generated.

Unique selling points

New economic standard in recycling

The process yields r-granulate that can compete with virgin material. This shifts recycling from a cost center to a revenue model — scalable through licenses and industrial partnerships.

Other

Capital requirement €250,000

Wanted: €250,000 for engineering completion and industrial pre-demonstration. Goal: validation under real-world conditions and preparation for commercial rollout.