

ENDFILLS

Smart Sorting to End Landfills



Smart AI-powered Multi-Sensor Fusion for higher recovery, purity, and circular economy value.



THE PROBLEM



Inefficient separation, contamination, and mis-sorting cause major material-value loss, pollution, manual rework, and high machinery overhead.



THE SOLUTION



Automated sorting of raw mixed municipal solid waste using Thermal Fingerprinting, RGB sensing, AI low-level sensor fusion, and mechanical stream separation.



Raw mixed waste

Accepts unsorted municipal solid waste at the front end.



Plug-and-play retrofit

Modular architecture designed to integrate with existing MRFs and conveyor lines.



Higher recovery and purity

Delivers cleaner material streams with improved recovery and contamination reduction.



Scientific basis verified in initial lab experiments



3 local MRF discovery engagements



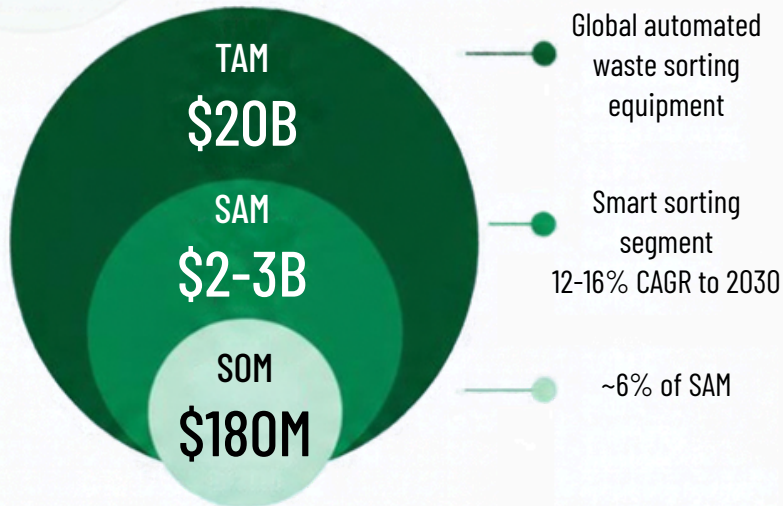
2 provisional patent applications in progress



Seeking co-investment for pre-seed and MVP development

Business Case, Traction & Strategic Expansion

MARKET OPPORTUNITY



PRODUCT USE CASES



Commercial On-Site

\$150k value/yr

Portable units for on-site source sorting



Industrial MRFs

\$12M value/yr

Belt-integrated modular add-ons for mixed waste streams



Heavy Construction

\$40M value/yr

High-volume sorting for demolition and landfill mining

THE MVP: MRF CAN SORTER



TARGETED CAN RECOVERY

Pulls high-value deposit cans out of residual waste, focused on one clear, valuable stream.



FITS EXISTING OPERATIONS

Integrates into legacy MRFs with no line redesign and minimal downtime.



SHARED-UPSIDE MODEL

Revenue share with MRF operators keeps upfront cost low for sites.



VALIDATED DEMAND

Product discovery with local MRFs confirmed a clear operator need.

BUILT FOR: RAPID ROI | LOW UPFRONT COST | MINIMAL DISRUPTION

TRACTION & READINESS



Thermal fingerprinting verified in initial experiments



Prototype development with Afeka Engineering College



Product discovery with three local MRF/sorting facilities



Non-dilutive support including ~\$200K Tnuva and ~\$50K Sapir/Hai BaMerhav; EU expansion discussions with an ESG advisor and commercial attachés

PLANETECH WEEK ISRAEL: HOW ENDFILLS CONTRIBUTES



MEET INVESTORS

Connect with climate-tech and impact investors backing our pre-seed round and pilot rollout.



ENGAGE GOVERNMENT

Present Endfills to national policymakers and innovation bodies as a landfill-diversion solution.



MINISTRY OF ENVIRONMENTAL PROTECTION

Align with Israel's waste and recycling goals and explore support for pilot programs.



LOCAL MUNICIPALITIES

Partner with city and regional authorities that run waste collection and sorting.

OUR GOAL: PILOT PARTNERS | FUNDING | REGULATORY SUPPORT



SEEKING: PRE-SEED CO-INVESTMENT

Use of funds: complete the MVP, deploy 2-3 industrial MRF pilots, expand the technical and commercial team.



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