

Sandeep Kulkarni
KoolEarth Solutions, Inc.
& Ubuntoo.com

KoolEarth Solutions, Inc.

- Consulting for Product development, business development and education/instruction in Sustainable Packaging
- 20+ years of industry experience in the paper, plastic and bioplastics based packaging
- International Paper, Georgia Pacific, PepsiCo
- Active involvement in key recycling organizations: SPC, APR, PLASTICS
- Working closely with major CPG brands such as Starbucks and McDonald's
- Team member Ubuntoo.com



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We are a Global Community of Changemakers Collaborating to Solve Plastic Pollution

Tell Us What You're Looking For

Example: Mixed plastic waste or Biodegradable plastics

SPOTLIGHT



ACTIVITY FEED



New Member
Ajithkumar Eravath joined Ubuntu

about 1 hour ago

New Solution Added

about 4 hours ago



As Costs Skyrocket, More U.S. Cities Stop Recycling
With China no longer accepting used plastic and paper, communities are facing steep collection bills, forcing them to end their programs or burn or bury more waste.

All the Ways Recycling Is Broken — and How to Fix Them

You may throw a plastic container in the recycling bin and assume it's going to easily become a new item. But every step of our recycling system — from product design to collection to sorting — has major flaws. Fortunately, promising technology is starting to come online that could revolutionize the process.

Recycling Isn't About the Planet. It's About Profit.

When you drop a bottle in a blue bin, you're joining the unruly transglobal trash trade.

Investments contradict 'end of recycling' headlines

The silver lining

- **Domestic use of recycled plastics should grow significantly**
 - **Commitments by major CPG brands (Coca-Cola, PepsiCo, Unilever)**
 - **Efforts by industry bodies (APR, SPC, Closed Loop) to promote increased use of recycled plastics**
- **Improved collection, sorting and processing of plastics through technology innovations and investments**
- **New recycling processes - CHEMICAL RECYCLING**
 - **Ability to handle contaminated streams - Loop Industries, Carbios**
 - **Ability to process previously “un-recyclable” plastics (such as multilayer laminates) - New Hope Energy, Agilyx, Renew ELP**

Brand Commitments



100% of its packaging recyclable, compostable, or biodegradable
increase its use of recycled content in plastics packaging to 25%



Nestlé Good Food, Good Life

We are phasing out all plastics that are non-recyclable or hard to recycle for all our products worldwide by 2025

Nestlé Waters is working to increase the recycled PET content in its bottles to 35% globally by 2025. It will reach 50% in the United States by 2025

Initial successes



Made with 100% food-grade recycled plastic



LIFEWTR® Packaging with 100% Recycled Plastic

Technology Innovations

Advanced decontamination and processing - food grade r-PP



Back



Machine learning platform helping companies to maximize the salvation of unwanted items.

Smarter Sorting

51 page views 0 follows

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Headquarters Austin, Texas, USA

Organization Type Startup

Stage of Development Scale Up TRL 8

Value Chain Impact Segregation / Sorting

<http://smartersorting.com>



Chris Ripley
Co-Founder and CEO

Chris Ripley is Co-Founder and CEO of smarter sorting. As a Business Development, Sales and Operations leader, he is focused on driving growth and sustainable results for start-up, late stage, and high growth emerging technology, mobile and



Back



Intelligent sorting solutions for waste treatment and recycling



Pellenc

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Headquarters **Pertuis, France, Europe**

Organization Type **Established Company**

Stage of Development **In Market TRL 9**

Value Chain Impact **Segregation / Sorting**

<http://www.pellencst.com>

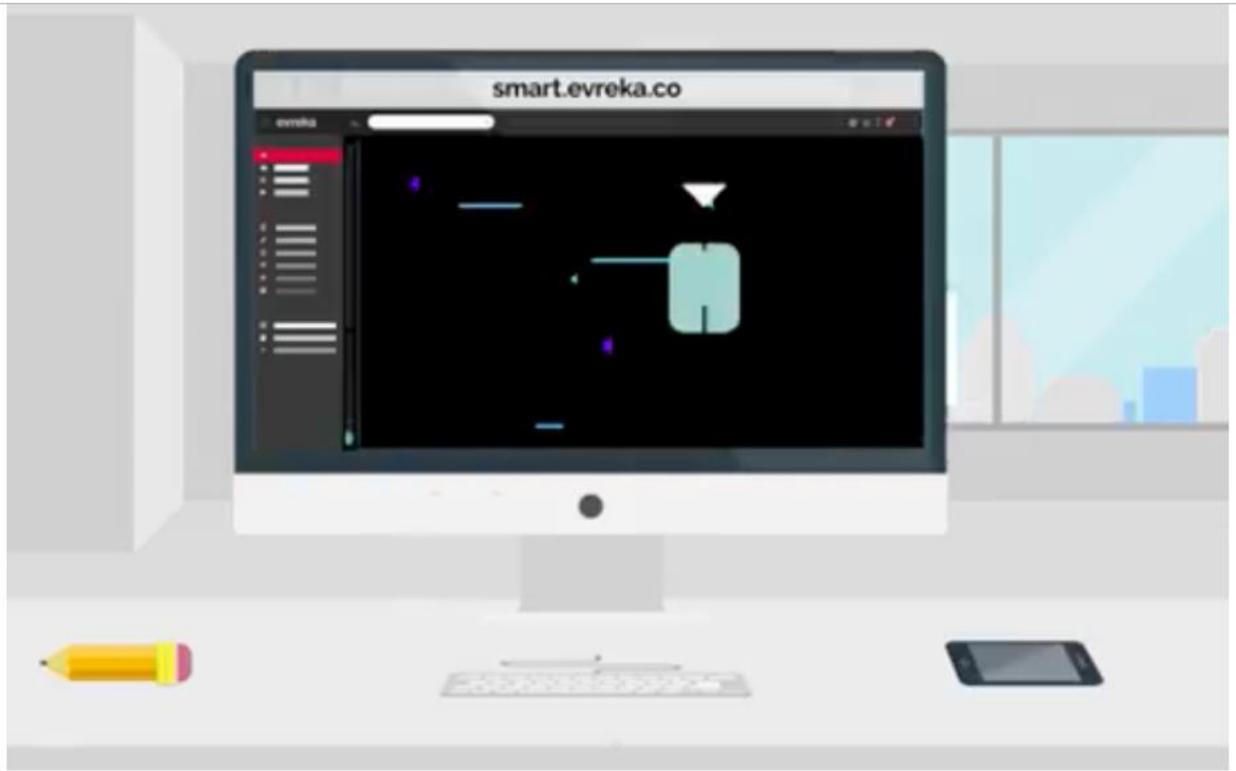


Jean Henin

Chairman & CEO

Jean Henin is the President of Pellenc and CEO since 2013. Since 2016 he has also been the Board Member and Administrator at CEPACSO SPIGOL. He has Master degrees in Management from IMD (International Institute for Management





Smart waste collection system

Overview

In the News (0)

Evreka is a **software & hardware company** which provides **end-to-end optimized waste collection solutions** for city governments and waste management companies.

Headquarters **Ankara, Turkey, Asia**

Organization Type **Startup**

Stage of Development **Scale Up TRL 8**

Value Chain Impact **Waste Management**

<http://www.evreka.co/en/>



Umutcan Duman
Co-founder and CEO



Mehmet Pancaroglu
Co-founder



Berkay Akcora
Co-founder



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Max is an artificial intelligence that uses machine vision to analyze and sort material streams



MAX-AI

By BHS

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Headquarters Eugene, Oregon, USA

Organization Type Established Company

Stage of Development In Market TRL 9

Value Chain Impact Segregation / Sorting

Seeking Customers

<https://www.max-ai.com/>



Steve Miller

CEO



Peter Raschio

Marketing Manager



THE PERFECT STORM



Plastic pollution

Consumer sentiment

Corporate commitments

Extended Producer Responsibility (Fees/taxes)

Regulations/bans

Incentives for sustainable materials