



Caribbean Recycling Summit December 2016

Introductions

Value of using technology in recycling

Deposit-Return Collection

Material Sorting

THE USED BEVERAGE CONTAINER RECYCLING VALUE CHAIN

The process of obtaining recyclable materials from the public



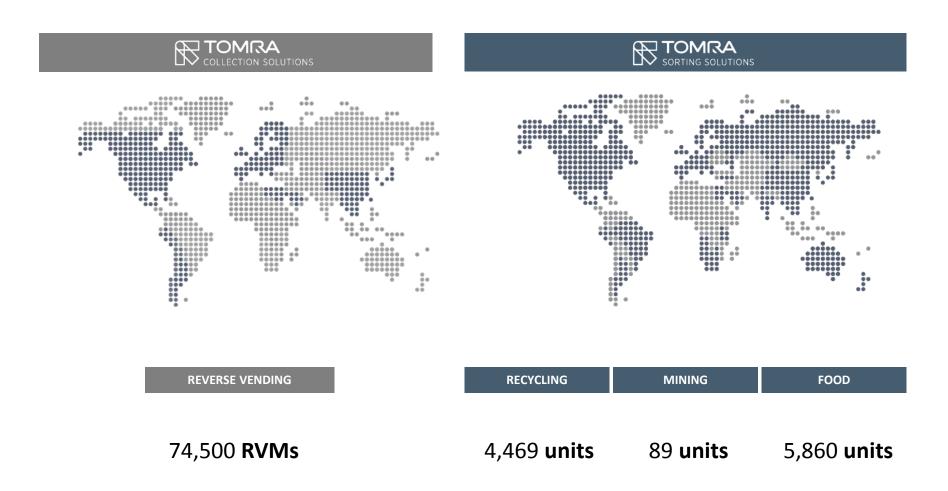


MISSION:

TOMRA creates sensor-based solutions for optimal resource productivity



TOMRA WORLDWIDE INSTALLED BASE





TOMRA COLLECTION SOLUTIONS





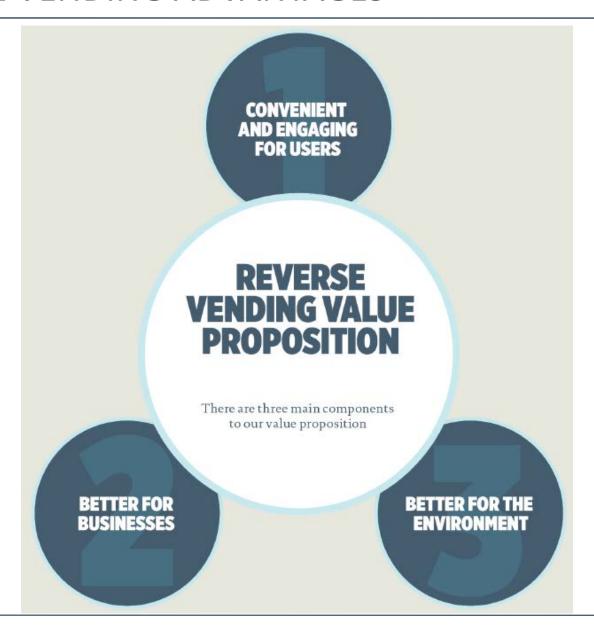


REVERSE VENDING TECHNOLOGY: CONSUMER & BULK



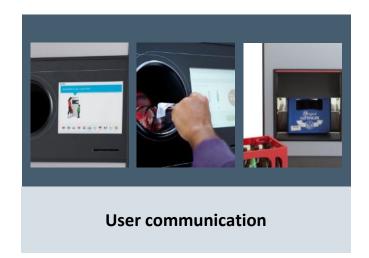


REVERSE VENDING ADVANTAGES



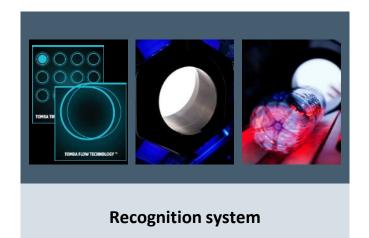


ELEMENTS OF A MODERN REVERSE VENDING SYSTEM











Data administration

TOMRA SORTING SOLUTIONS



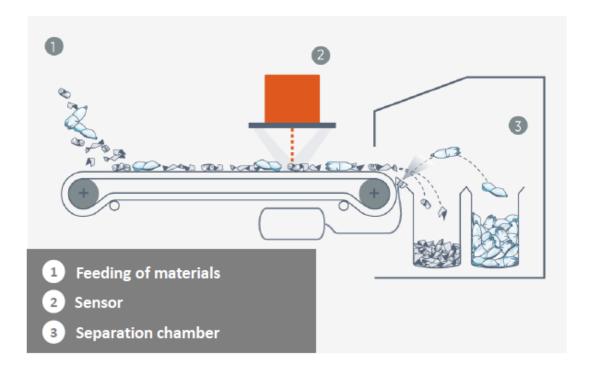






HOW DOES SENSOR BASED SEPARATION WORK?

- High-tech sensors to identify objects
- High speed processing of information (material, shape, size, color, defect, damage and location of objects)
- Precise sorting by air jets or mechanical fingers
- Product specific equipment design often including multiple technologies to maximize sorting efficiency



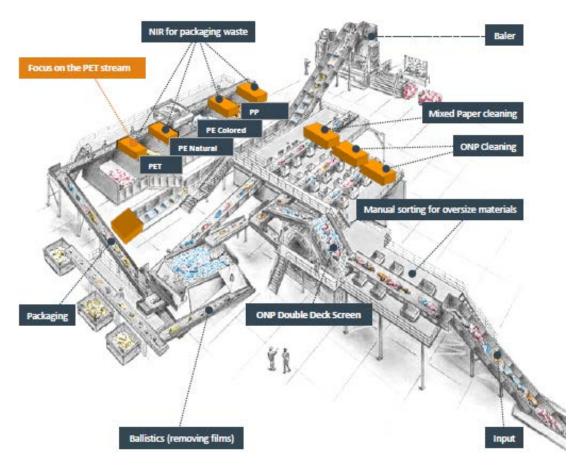


SORTING VALUE PROPOSITION





SORTING SOLUTIONS - Recycling



- Commodity price levels
- Consumption or production levels increase
- Favorable changes in regulatory framework
- Access to financing
- Demand to include recycled-content
- Increasing labor costs
- Consideration of municipal solid waste (MSW) Recycling

