

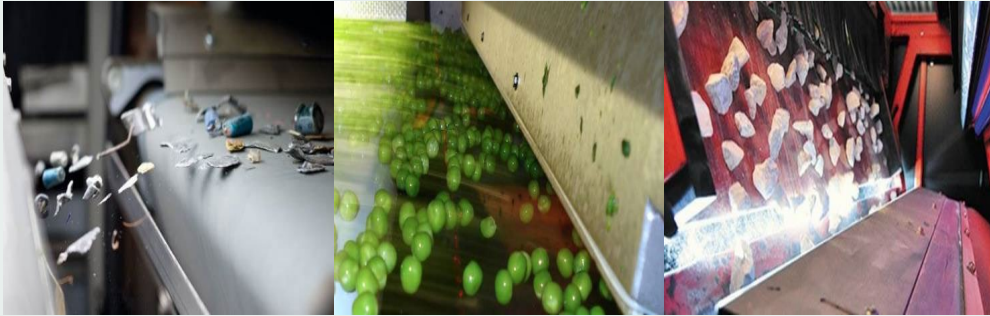


TOMRA

INVESTOR PRESENTATION

TOMRA is well-positioned towards megatrends

1 Pioneer in sensor-based and digital technologies



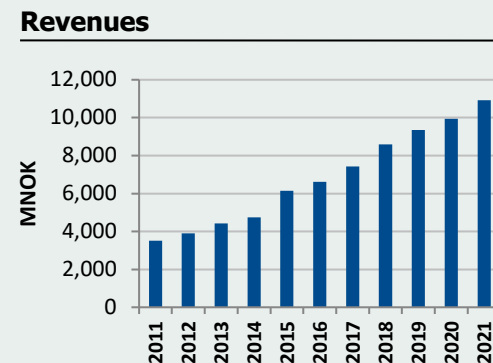
2 Leading market position – fit for growth



3 Solutions for optimal resource productivity



4 Strong financial performance, people & culture

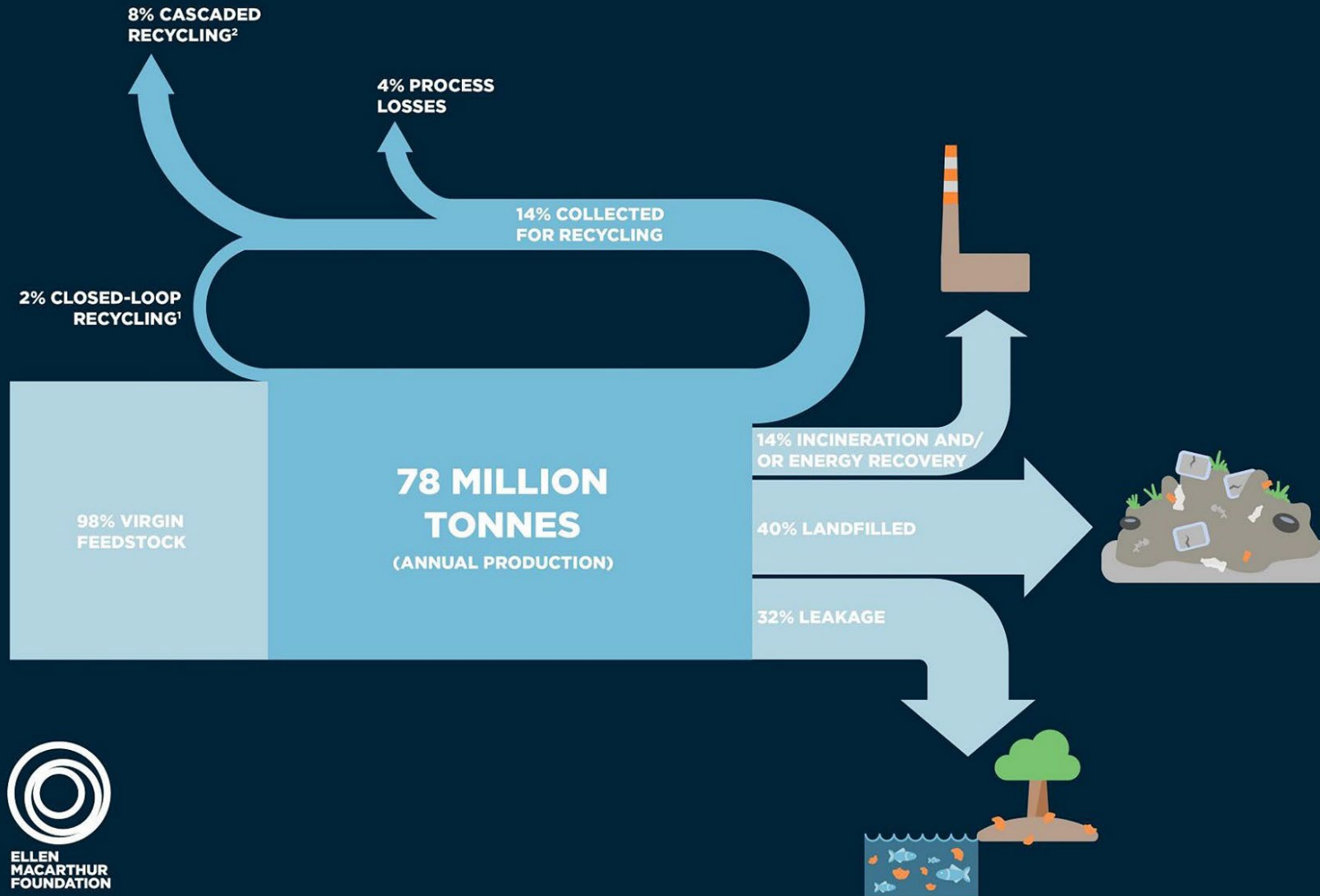


DID YOU KNOW?

- By 2025 solid waste generation will **increase by 70%** compared to 2010 levels
- **32%** of all plastic packaging made **ends up in nature** every year
- **20%** of plastic packaging could be **profitably re-used** and **50%** could be **profitably recycled** if designed for after use systems
- Continuing current practices there will be **more plastic than fish** in the ocean by 2050



Only 2% of the planet's annual plastic packaging production is reused for the same/similar products



OUR AMBITION:
40% Collected for Recycling
30% Closed Loop Recycling

DID YOU KNOW?

- By 2050, a global population of **9.8 billion** will **require 70%** more food than is consumed today
- We are currently **wasting 33%** of global food production
- The food industry accounts for around **10%** of global GDP
- Agriculture accounts for **20%** of global greenhouse gas emissions

New ways of feeding a fast-growing DEMANDING population...

To ensure an efficient food production there is an increased need to...

...AUTOMATE...CONTROL...AND INNOVATE



**PROTECTING
BRAND VALUE,
ENHANCING FOOD
QUALITY & SAFETY**



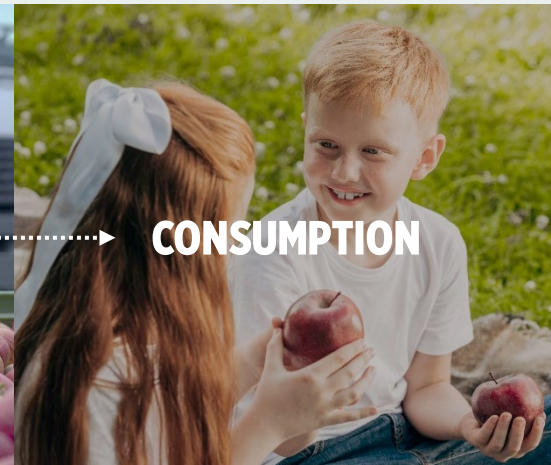
**...THROUGHOUT THE
VALUE CHAIN**



PRODUCTION



DISTRIBUTION



CONSUMPTION

At TOMRA, our company vision is Leading the Resource Revolution

It is our belief that businesses have the power, responsibility, and vested interest to help manage our planet's precious resources—today and tomorrow.

TOMRA commits to ensure positive sustainability impact both internally and externally

TOMRA'S SUSTAINABILITY STRATEGY

TOMRA has in 2020 undertaken work to update its sustainability strategy, to prioritize and focus corporate sustainability efforts where they matter most and will have the greatest impact towards both external and internal sustainability outcomes.

A key result of the strategy process has been the formulation of three overarching Group sustainability commitments, to ensure and inspire sustainability in our **solutions, operations, and relationships**.



Solutions

TOMRA commits to create lasting environmental and social value through our products and services, driving optimal resource productivity in the sectors that we serve



Operations

TOMRA commits to operate responsibly to minimize any negative sustainability impacts, internalizing social and environmental considerations in the way that we do business

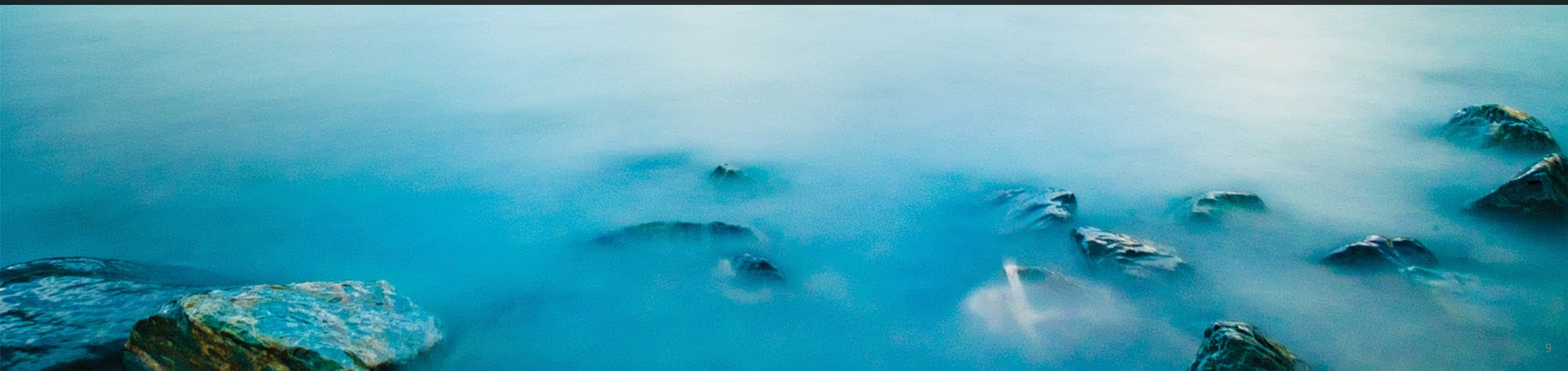


Relationships

TOMRA commits to operate with integrity and fairness to be an employer of choice and a trusted business partner, inspiring sustainability in all our relations



TOMRA AT A GLANCE



4600+

EMPLOYEES
GLOBALLY

Publicly listed on Oslo Stock Exchange (OSEBX: TOM)



10.9

BILLION NOK
REVENUES IN 2021

TOMRA COLLECTION

TOMRA RECYCLING MINING

TOMRA FOOD



REVERSE VENDING

MATERIAL RECOVERY



RECYCLING

MINING

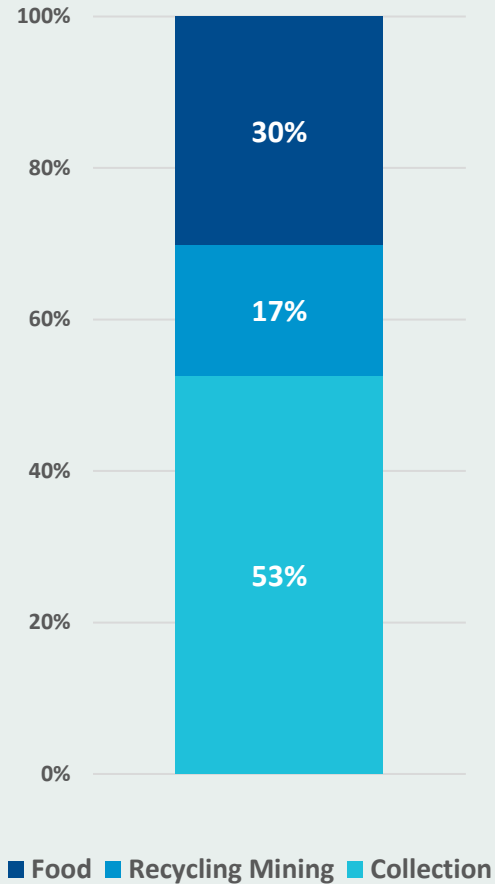


**PROCESSED
FOOD**

**FRESH
FOOD**

Creating value through three business areas

TOMRA
2021 Revenue

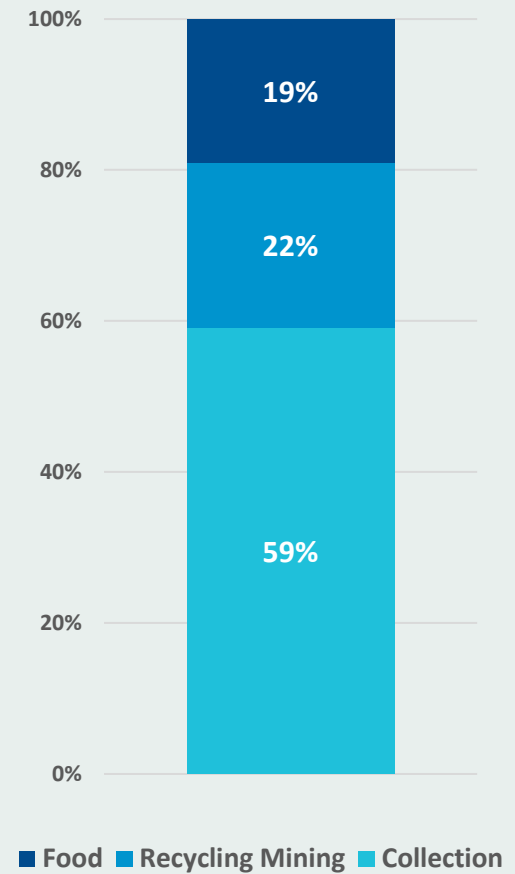


TOMRA FOOD

TOMRA RECYCLING MINING

TOMRA COLLECTION

TOMRA
2021 EBITA



The TOMRA transformation journey

2004 TOMRA acquires TITECH, the world's leading provider of optical recognition and sorting technology for the waste industry and TOMRA's transformation journey starts.

2005 TOMRA acquires Orwak Group, a leading provider of compaction for a variety of materials.

2006 TOMRA acquires Commodas - a leading supplier within the field of sensor-based products for mining and metal recycling.

2008 TOMRA acquires Ultrasort - specialists in sensor-based mining technology.

2011 Sale of Californian material handling business. With the divestment the US operation became less exposed to movements in commodity prices.

2011 TOMRA acquires Odenberg, rounding out the offering to include food optimization.

2012 TOMRA acquires BEST, leading food sorting machine producer. With the acquisition of BEST, TOMRA has by far the widest reach within the food sorting universe.

2014 Divestment of Orwak. Further portfolio focus on sensor-based technology.

2016 Through its transformation journey TOMRA has moved from a business of many brands to one brand with many areas of expertise. We are one TOMRA.

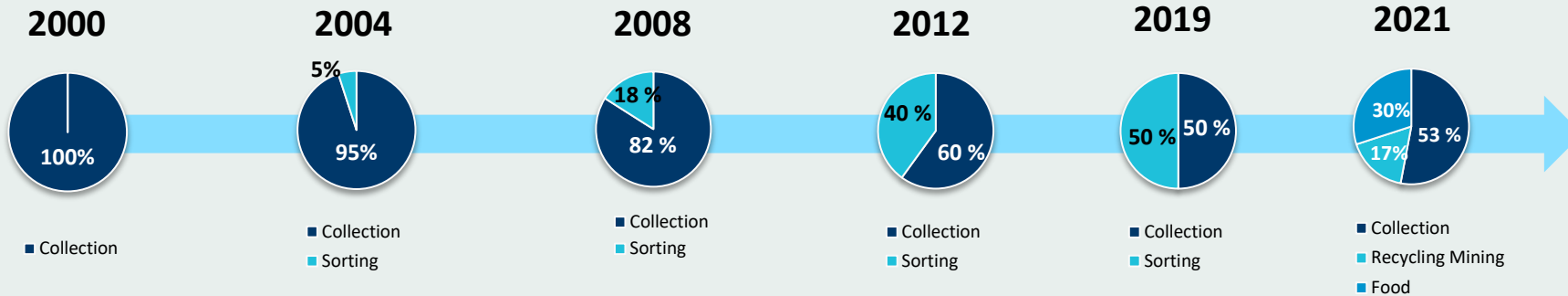
2016 TOMRA expands into lane sorting, acquiring New Zealand based Compac, confirming TOMRA's position as the leading provider of sorting technology into the food industry.

2018 TOMRA compliments its food sorting portfolio with the acquisition of BBC Technologies, a leading provider of precision grading systems for blueberries and other small fruits.

FROM:



Helping the world recycle



TO:



LEADING THE RESOURCE REVOLUTION

TOMRA's three business areas

	TOMRA COLLECTION	TOMRA RECYCLING MINING	TOMRA FOOD
	REVERSE VENDING	RECYCLING	PROCESSED FOOD
Share of '21 sales	~43%	~15%	~17%
Employees	1,856	575	826
Customers	Grocery retailers	Material recovery plants, scrap dealers, metal shredder operators	Food growers, packers and processors
Market share	~70%	~55-60%	~30%
	MATERIAL RECOVERY	MINING	FRESH FOOD
Share of '21 sales	~10%	~2%	~13%
Employees	580	84	655
Customers	Grocery retailers and beverage manufacturers	Mining companies	Food growers, packers and cooperatives
Market share	~60% in USA (markets served)	~40-50%	~25%
	TOMRA GROUP FUNCTIONS		
Employees	34		

Installed base worldwide

TOMRA COLLECTION



REVERSE VENDING

Nordic	~16,200
Germany	~30,000
Other Europe	~15,100
North America	~13,700
Rest of the world	~6,000

TOTAL*) ~81,000

TOMRA RECYCLING MINING AND FOOD



RECYCLING

EMEA	~5,850
Americas	~1,250
APAC	~1,100

MINING

EMEA	~35
Americas	~49
South Africa	~52
APAC/Other	~54

PROCESSED FOOD

EMEA	~4,200
Americas	~3,250
APAC	~900

FRESH FOOD

EMEA	~1,850
Americas	~1,600
APAC	~1,150

TOTAL ~8,200

TOTAL ~190

TOTAL ~8,350

TOTAL ~4,600



TOMRA COLLECTION

DID YOU KNOW?

- 1 million plastic bottles are bought around the world every minute
- Less than half of all purchased plastic bottles are collected for recycling
- Approximately 42bn beverage containers are captured by TOMRA every year...
- ...representing only less than 3% of all beverage containers sold in 2018



But the tides are shifting. There is a desire for change



Consumer demand for responsible plastic use options

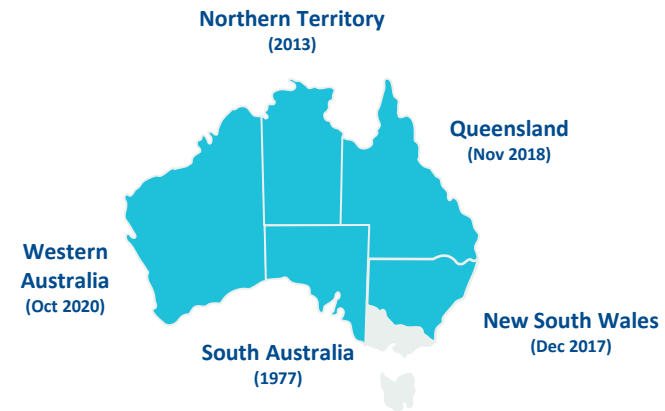
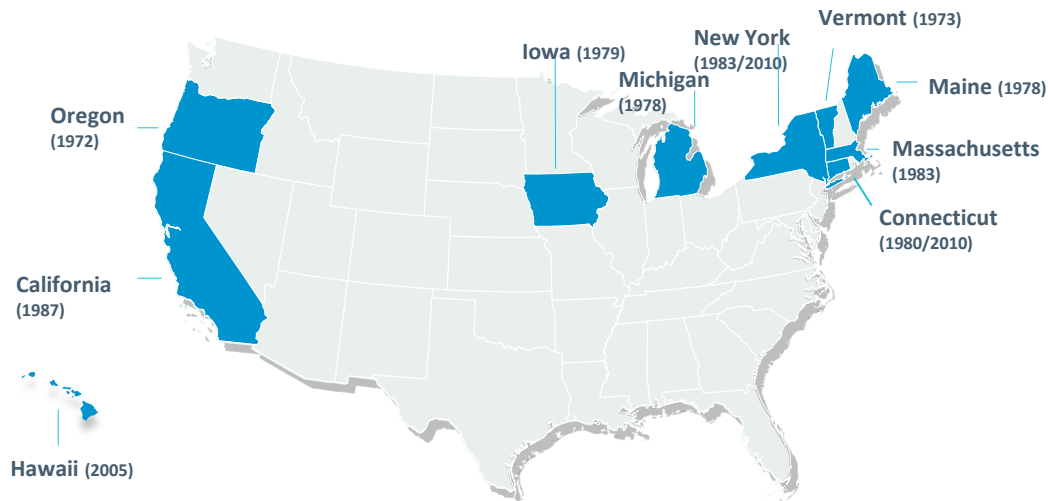
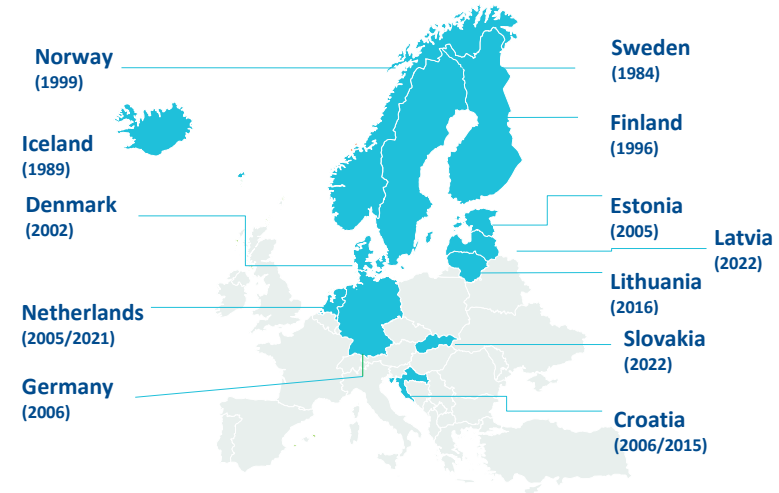
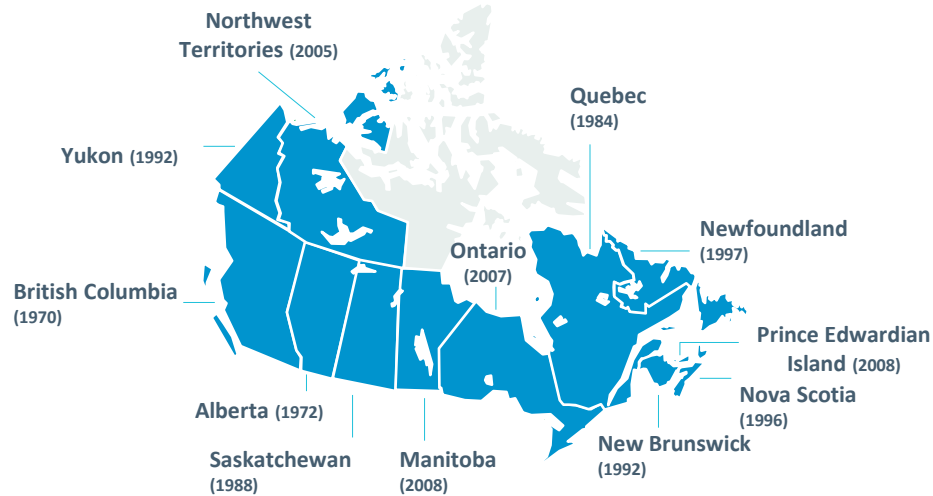


Legislative push for new plastic waste strategies



Market pull from large brand owners and beverage companies

An overview of current deposit markets*



* In addition, some markets have refillable deposit systems such as: Austria, Belgium, Chile, Czech Republic, France, Hungary, Poland and South Korea

Upcoming deposit markets on the move

Quebec:

Deposit Return System to be implemented 2023

Scotland:

Container deposit scheme planned to start August 2023

Connecticut:

Expansion of existing deposit system in 2023/2024.

Ireland:

Deposit Return System to be implemented 2022/2023

England:

Consultation ongoing for a deposit scheme anticipated to be implemented in 2024.

Romania:

Deposit Return System to be implemented 2022/2023

The Netherlands:

Deposit Return System to be extended 2023

Austria:

Deposit Return System to be implemented 2025

Collection target for plastic bottles:

- 77% by 2025
- 90% by 2029

Recycled content in product design:

- 25% by 2025 in PET bottles
- 30% by 2030 in all plastic bottles

EU Single-Use Plastic Directive:

Targets on recycled content and collection target for plastic bottles. Deposit scheme mentioned as a mean to reach those targets.

Victoria and Tasmania:

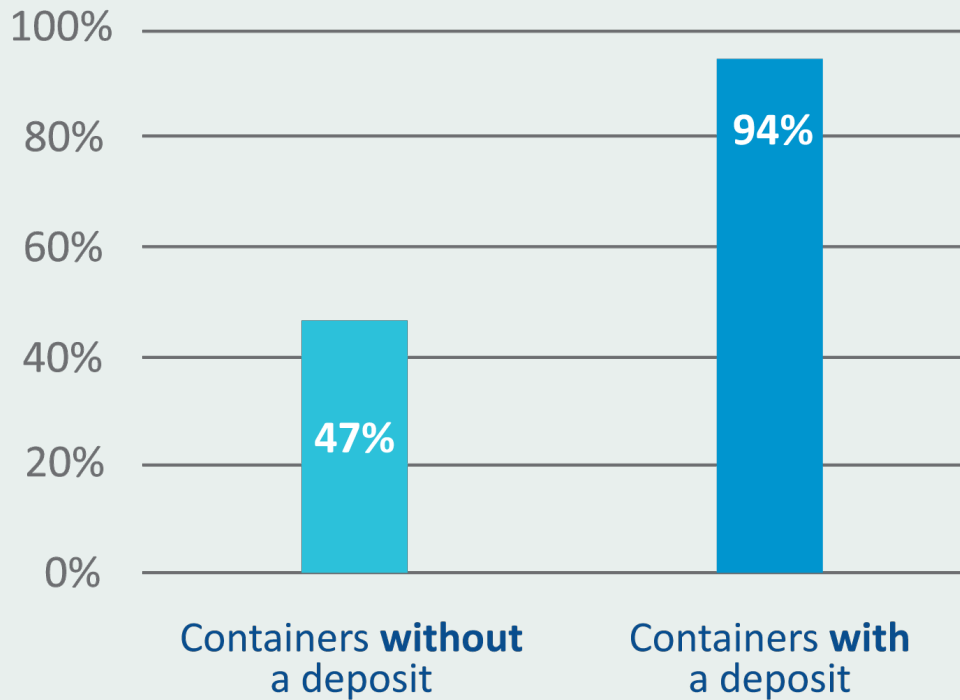
Deposit Return System to be implemented in 2023

New Zealand

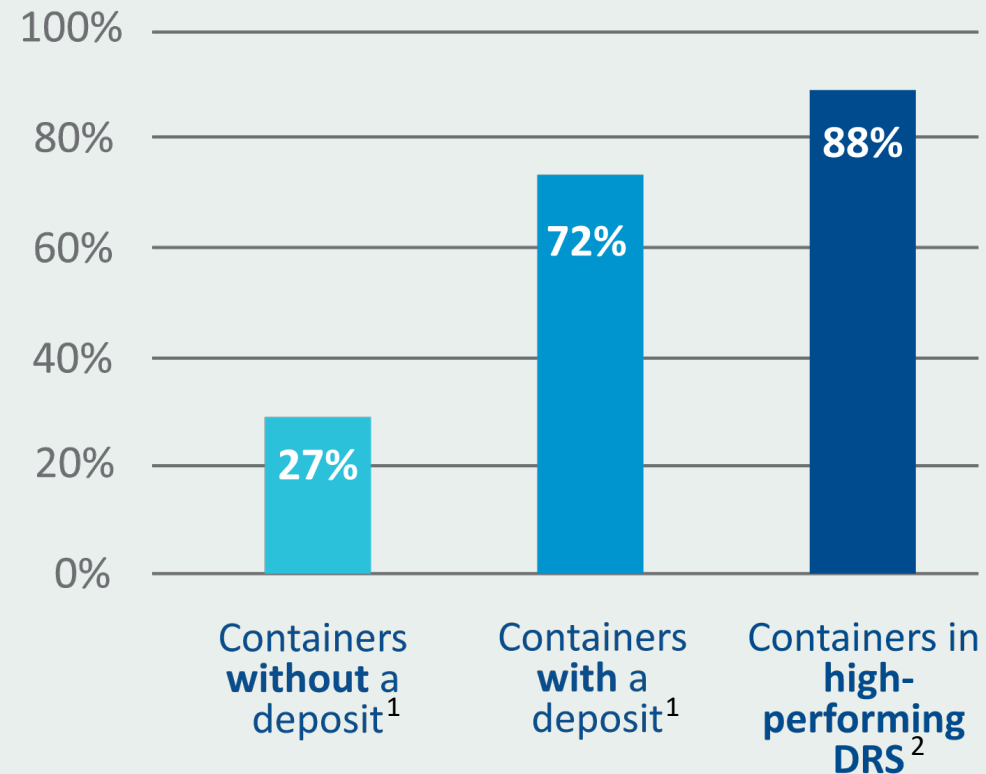
Deposit Return System proposed for 2025

Deposit return systems are extremely effective at capturing items for recycling

PET Plastic Beverage Container Collection for Recycling Rates – **Europe** Average



Beverage Container Collection for Recycling Rates – **USA** Average



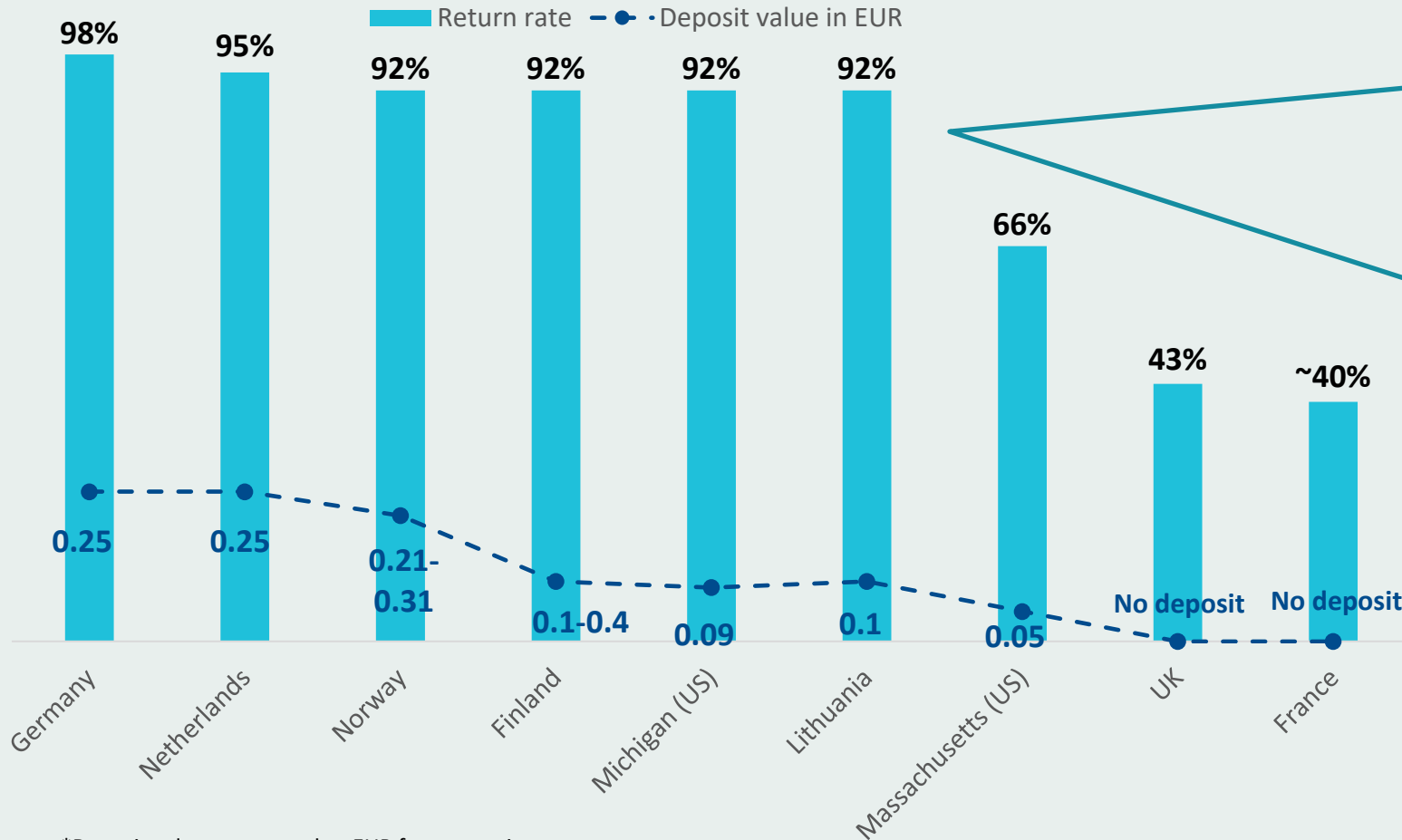
Compiled from deposit System Operators and “PET Market in Europe: State of Play,” Eunomia. 2020. Data available upon request.

¹ Aluminum, Glass, Plastic.. “Beverage Market Data Analysis 2017,” Container Recycling Institute. 2020.

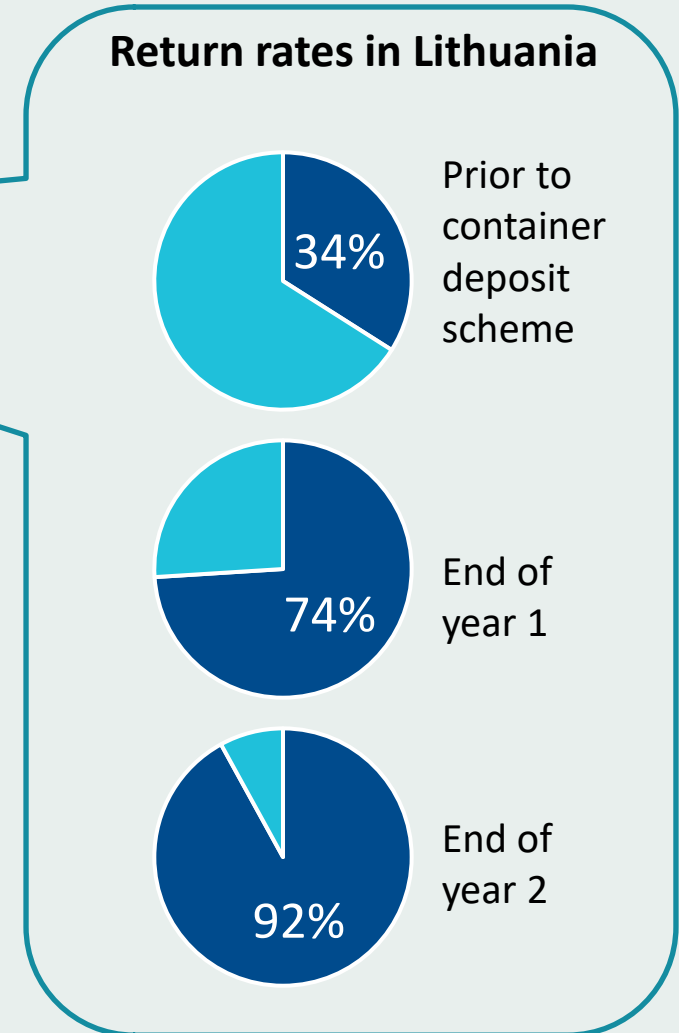
² Michigan and Oregon. Bottlebill.org. 2021

High collection rates achieved in two years' time

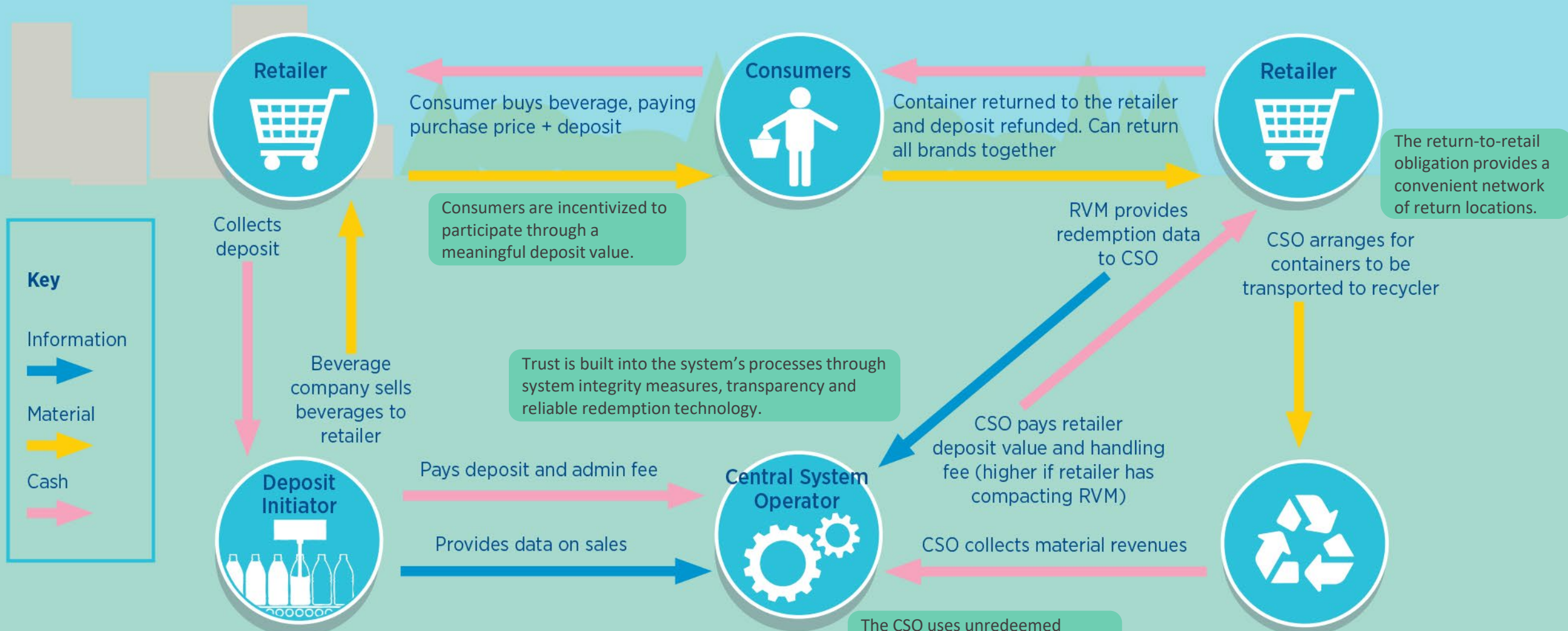
- Return rate and deposit value* for various container deposit schemes



*Deposit values converted to EUR for comparison purpose



The centralized DRS model: How it works



Consumer buys beverage, paying purchase price + deposit

Container returned to the retailer and deposit refunded. Can return all brands together

The return-to-retail obligation provides a convenient network of return locations.

Consumers are incentivized to participate through a meaningful deposit value.

Trust is built into the system's processes through system integrity measures, transparency and reliable redemption technology.

RVM provides redemption data to CSO

CSO arranges for containers to be transported to recycler

Beverage company sells beverages to retailer

Pays deposit and admin fee

Provides data on sales

CSO pays retailer deposit value and handling fee (higher if retailer has compacting RVM)

CSO collects material revenues

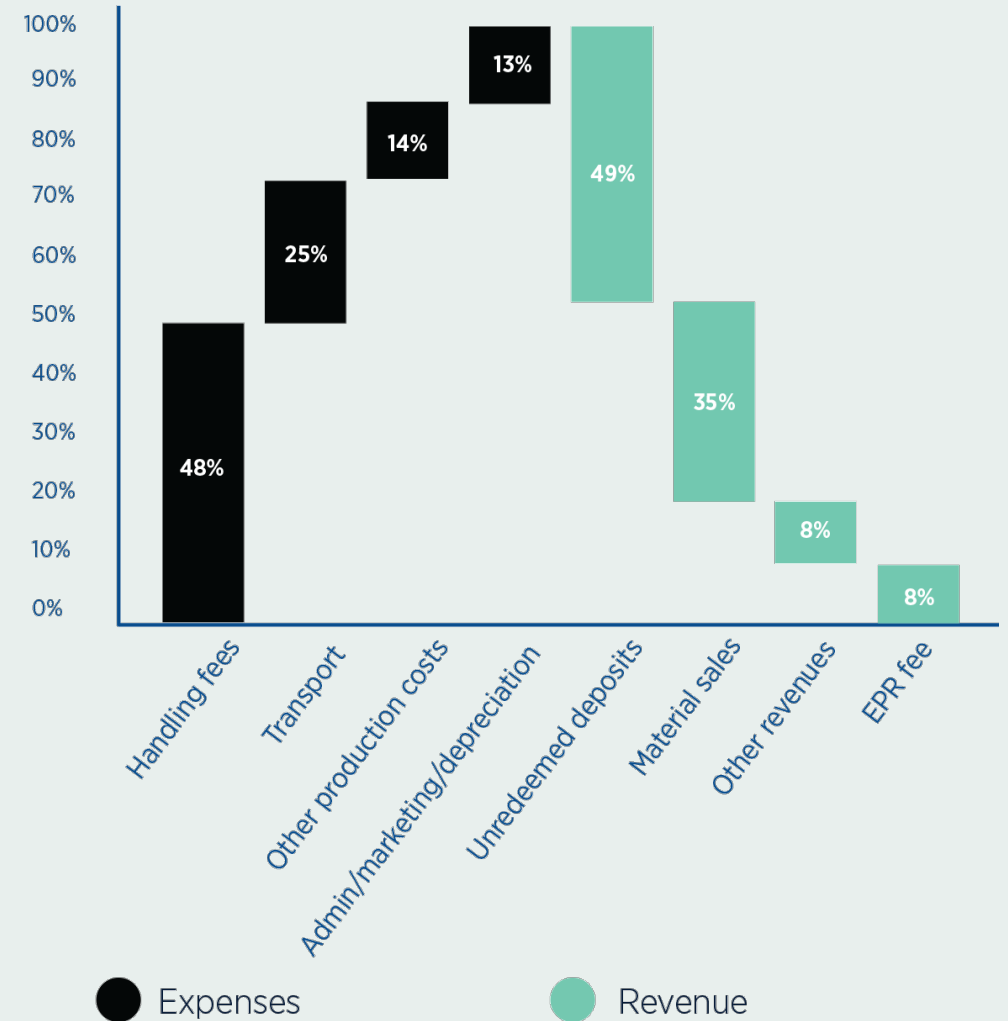
Producers finance the net costs of the system through an EPR fee and are incentivized to design an effective system for reaching the legislated return-rate target.

The CSO uses unredeemed deposits and material revenue to balance the system's budget.

Reinvestment of unredeemed deposits and material revenue within the system

In Norway **over 80%** of the system's costs are covered by unredeemed deposits and material revenue

Profit and loss overview of Norway's Central System Administrator (2019)



Recycled content requirements complement deposit return systems



Market values for recycled material are volatile, making investment in collection/recycling risky



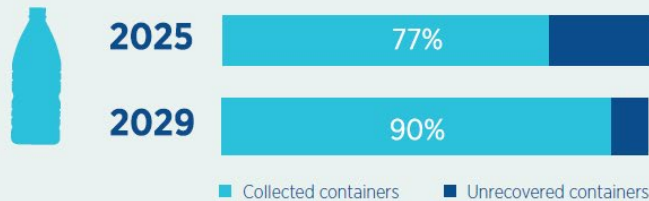
Lack of a stable market leads to a lack of supply for high-quality recycled material



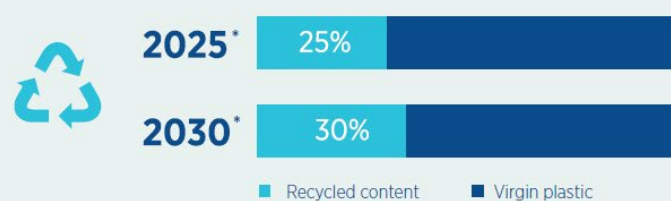
Content requirements raise and stabilize a key funding stream for the DRS: commodity value

EU Single-Use Plastics Directive targets for plastic beverage bottles

Collection targets for plastic beverage bottles



Targets for recycled content in plastic beverage bottles



* 2025 target for PET beverage bottles only, 2030 target for all plastic beverage bottles.



DRSs ensure containers consumed in a region are collected for recycling



Recycled content requirements ensure new bottles are made from recycled material

The four principles of high-performing deposit return systems

PERFORMANCE



A collection target for a broad scope of beverage packaging plus a meaningful deposit **delivers strong results.**

CONVENIENCE



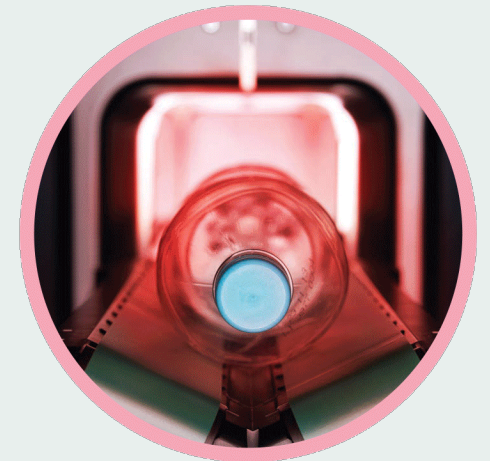
The redemption system is **easy, accessible and fair** for everyone.

PRODUCER RESPONSIBILITY



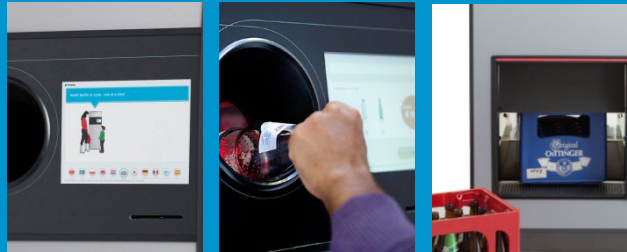
Producers manage, finance and invest in the system with use of unredeemed deposits and commodity revenues.

SYSTEM INTEGRITY

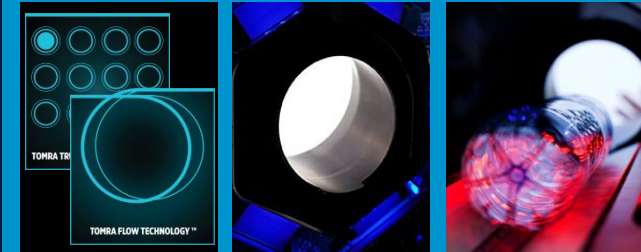


Trust is built into the system's processes through transparent management, a data-driven clearinghouse, and reliable redemption technology.

Reverse vending technology in a high performing DRS



User communication



Recognition system

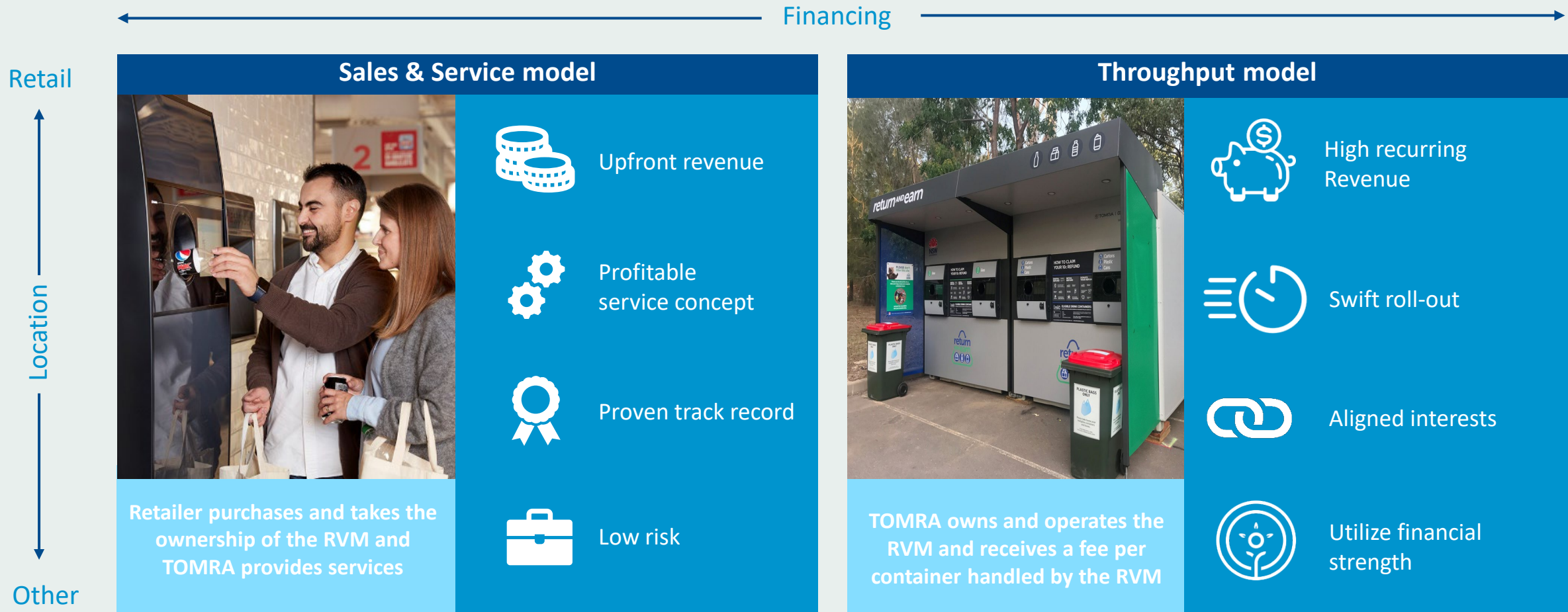


Sorting & processing



Data administration

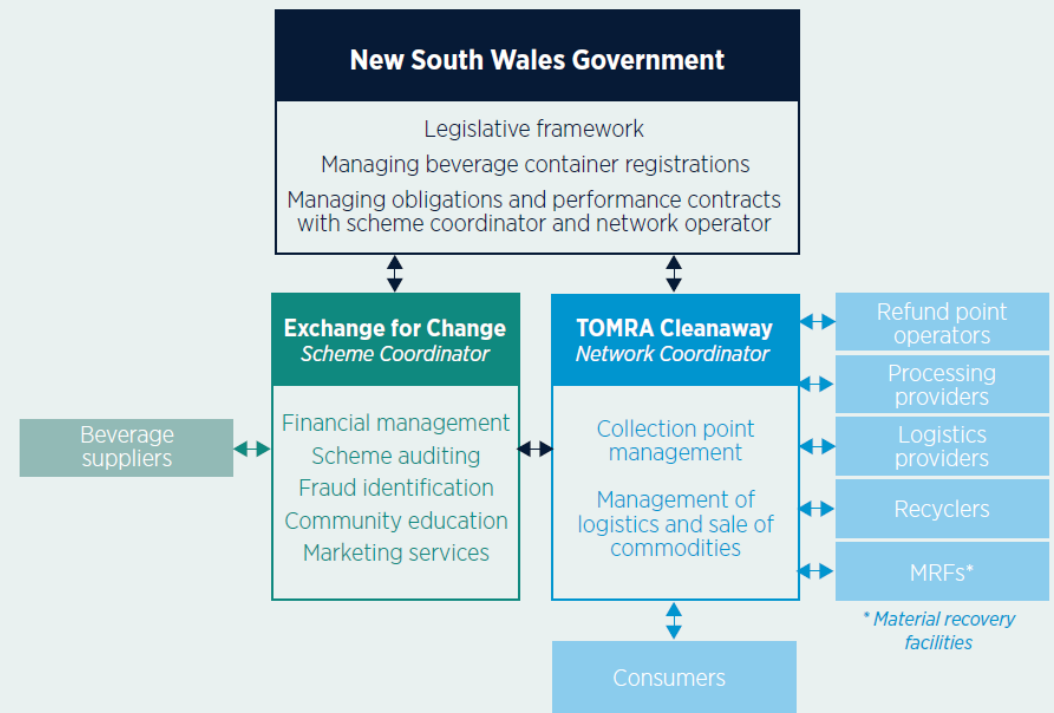
Business model expertise across deposit systems



A "split-responsibility" model is when a network operator provides redemption points and ensures recycling

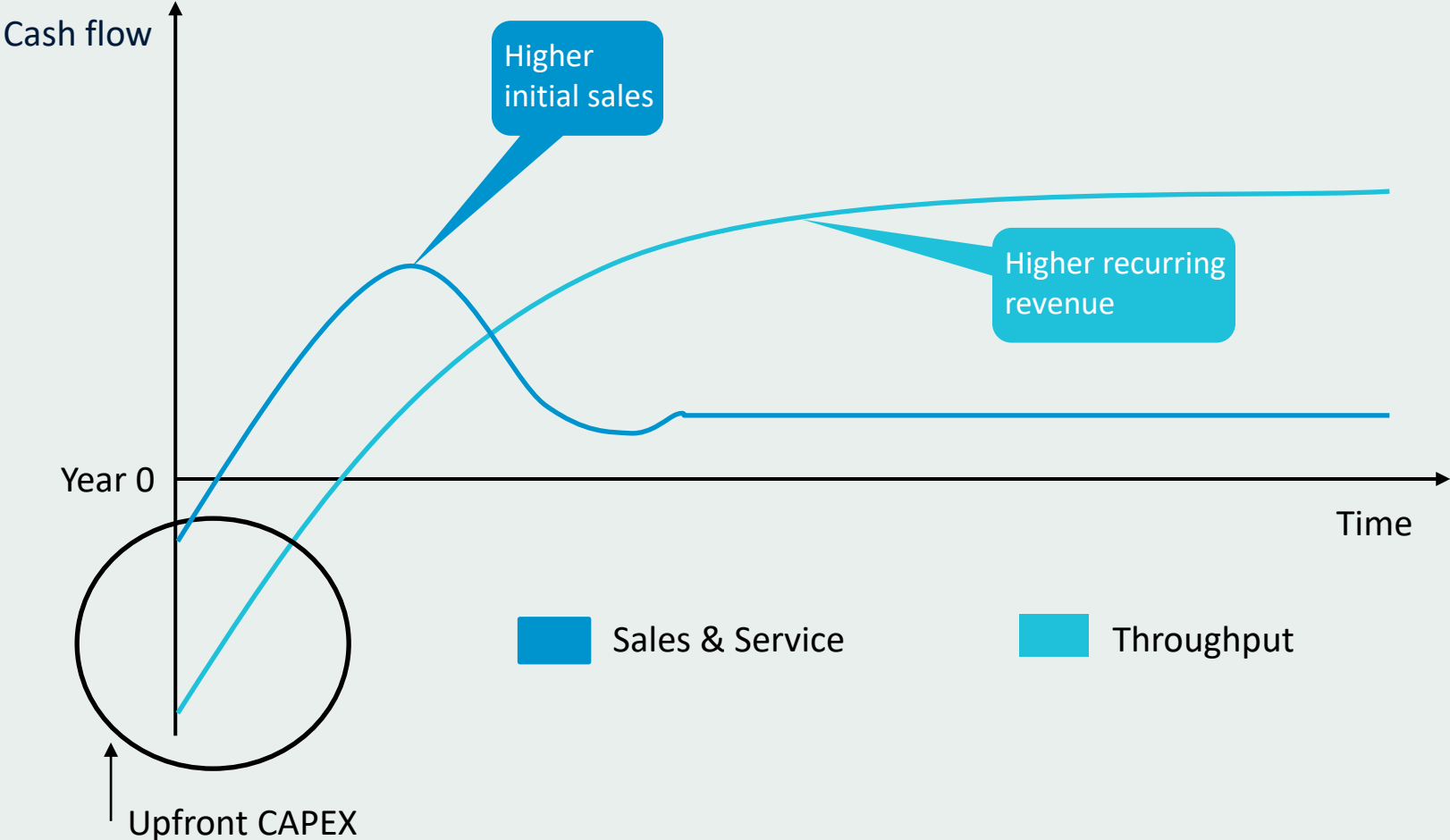


Roles and responsibilities in the New South Wales Australia deposit return system



Cash flow profiles of the two business models

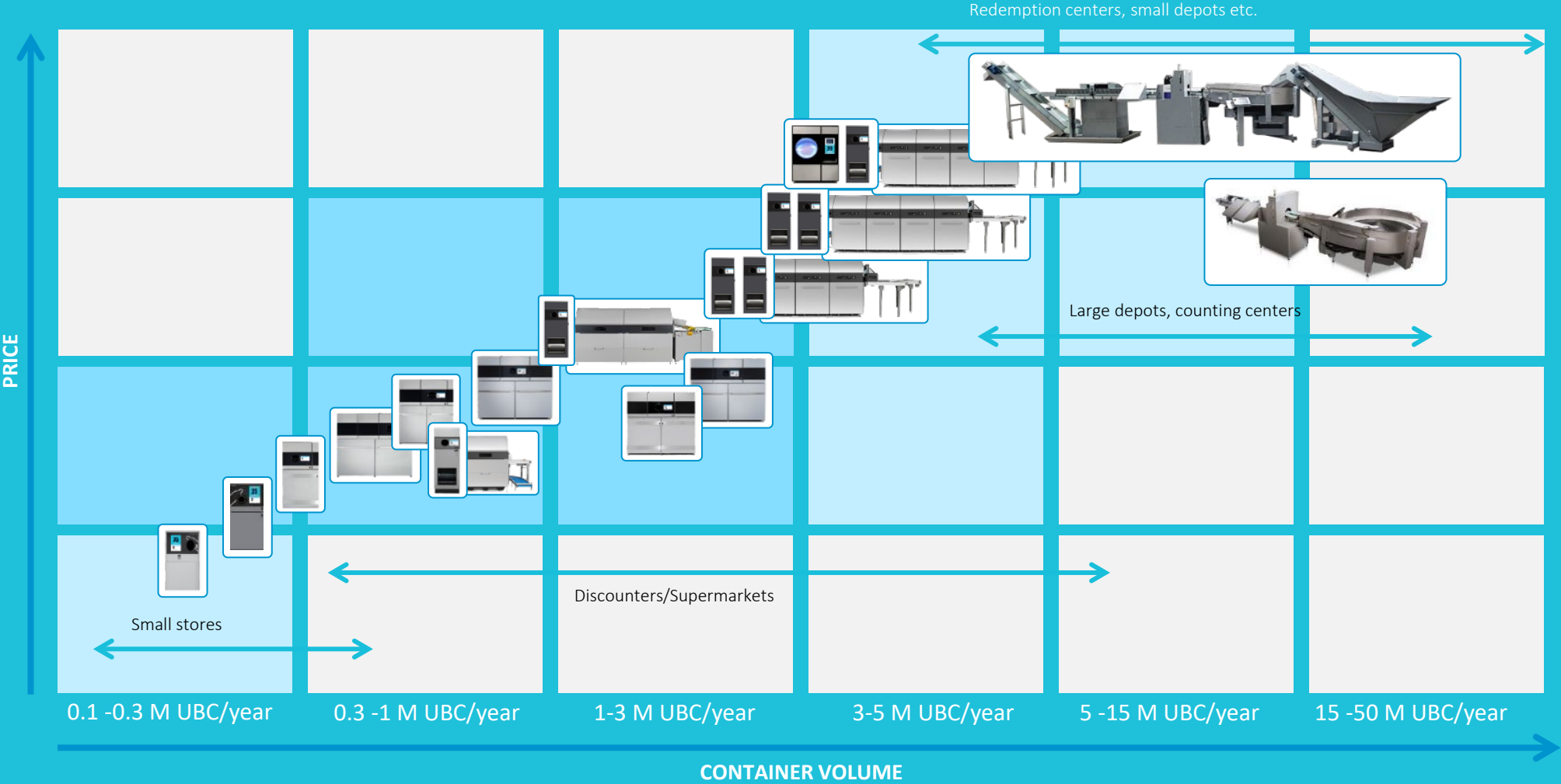
Illustrative cash flow profiles per machine



Throughput model return profile

-  Higher CAPEX needs
-  Up-front investment
-  Bigger risk
-  More responsibility
-  Higher net present value

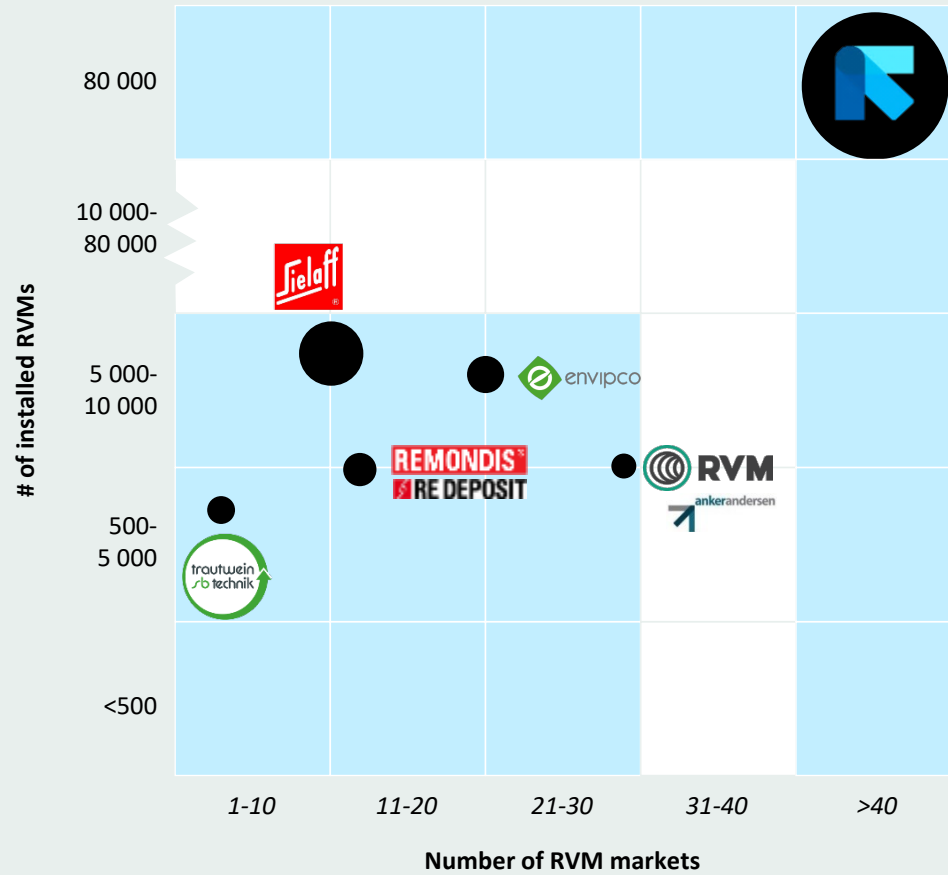
Flexibility and scalability to enable new business models and new market entry



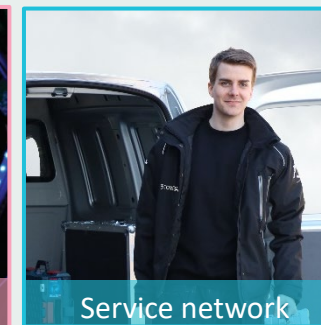
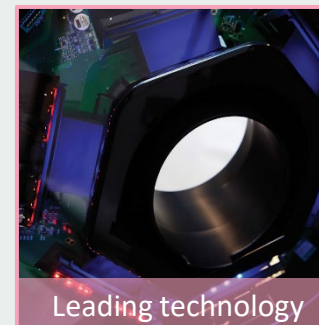
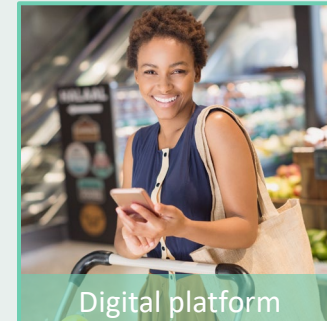
Advanced digital platform leveraged across stakeholder groups



Market leader in reverse vending solutions



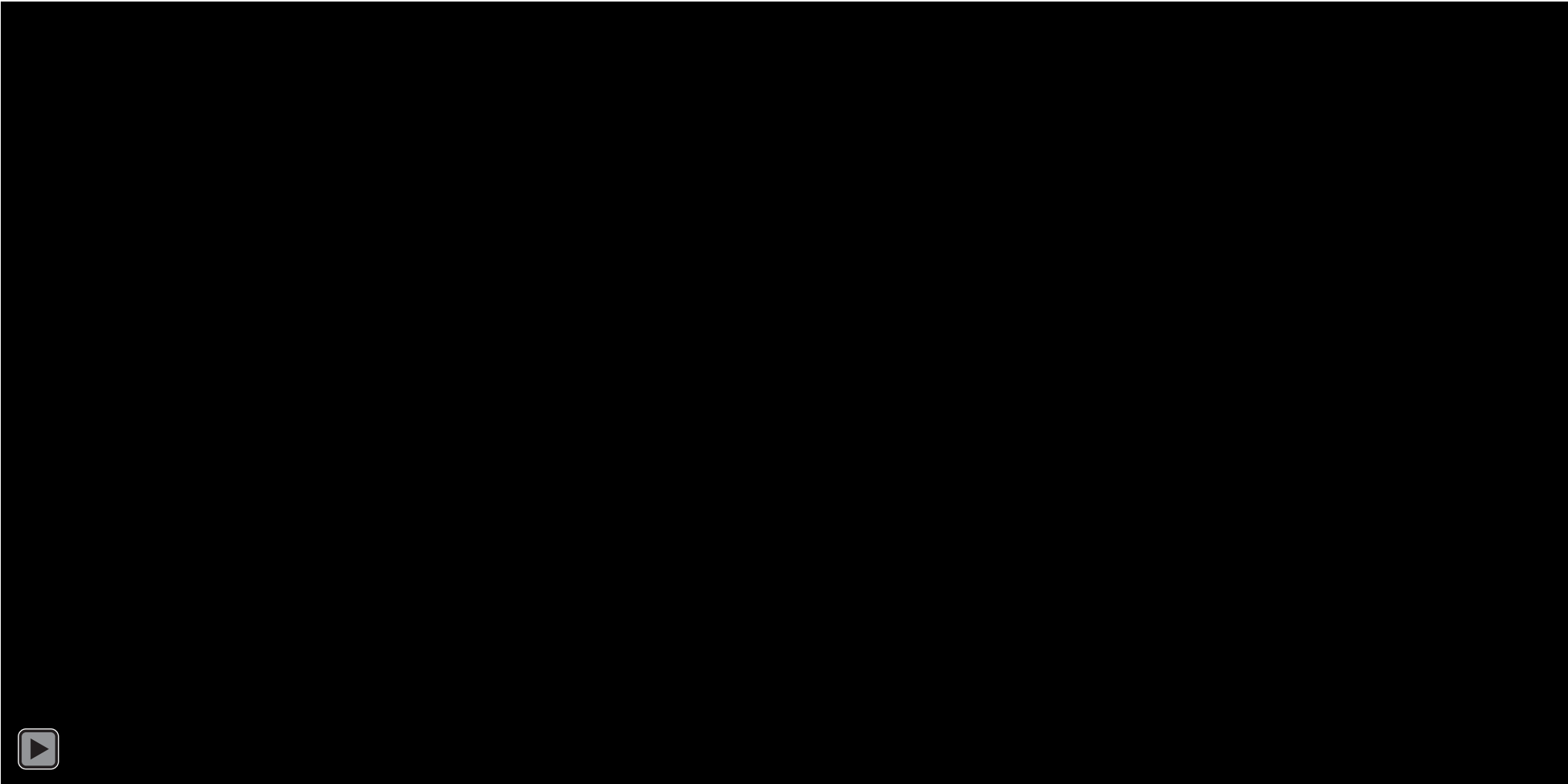
● Annual revenue from RVM sales





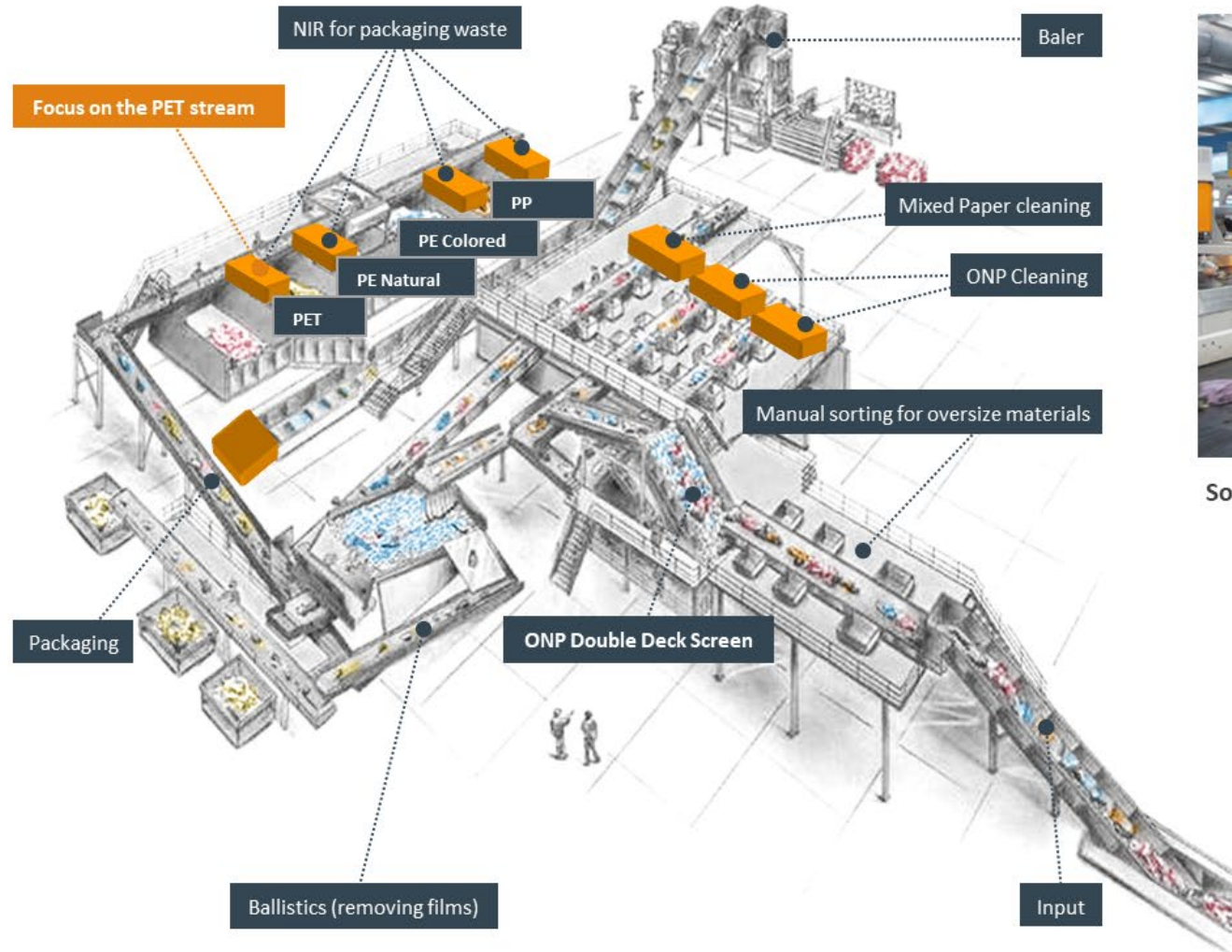
TOMRA RECYCLING MINING

How does sensor-based separation work?



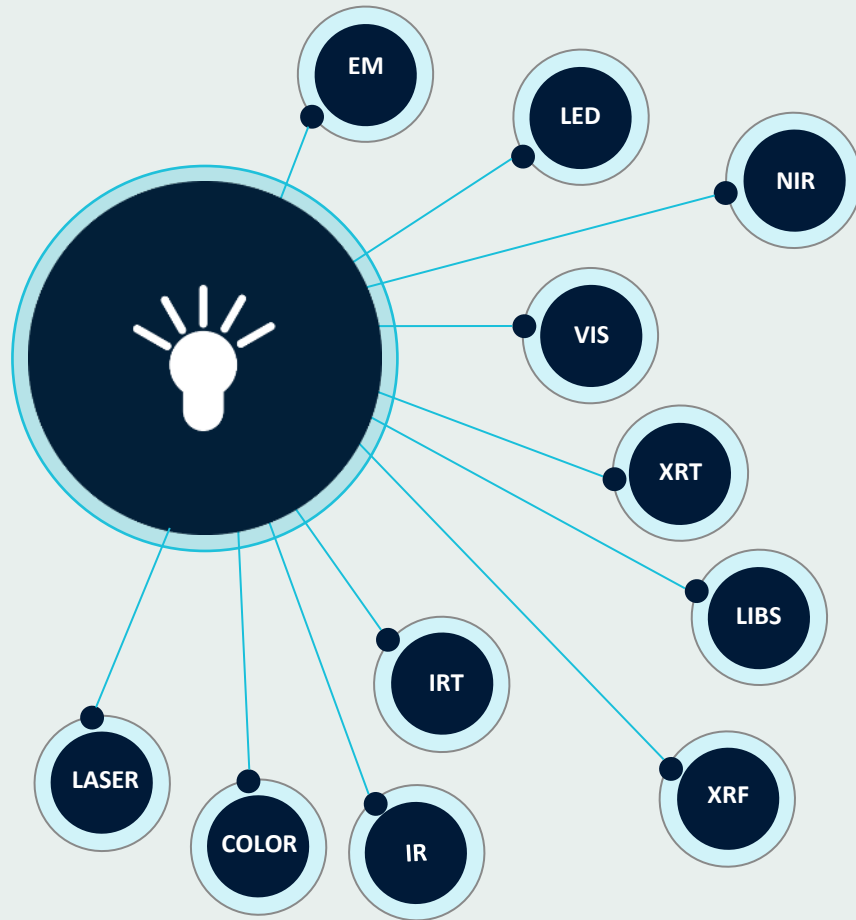
tion by ultra fast

Automation with TOMRA units



Sorting of Municipal Solid Waste, Cyprus

A common sensor-based technology portfolio



	RECYCLING	MINING	FOOD
ELECTROMAGNETIC SENSOR (EM) Electro-magnetic properties like conductivity and permeability	X	X	X
LED SPECTOMETRY (LED) Color and spectral properties based on multiple LED light sources in very high optical resolution	X	X	X
NEAR-INFRARED SPECTROSCOPY (NIR) Specific and unique spectral properties of reflected light in the near-infrared spectrum	X	X	X
VISIBLE LIGHT SPECTROMETRY (VIS) Specific and unique spectral properties of reflected light in the visible spectrum	X	X	X
X-RAY TRANSMISSION (XRT) Atomic density irrespective of surface properties and thickness	X	X	X
LASER INDUCED BREAKDOWN SPECTROSCOPY (LIBS) Elemental composition	X		
X-RAY FLUORESCENCE (XRF) Elemental composition	X	X	
INFRARED TRANSMISSION (IRT) Density and shape properties by light absorption			X
IR CAMERA (IR) Heat conductivity and heat dissipation			X
COLOR CAMERA (COLOR) Color properties measured in very high optical resolution	X	X	X
LASER REFLECTION/FLUORESCENCE (LASER) Structural, elemental and biological properties by reflection, absorption and fluorescence of laser light	X	X	X

Recycling: applications and sensor technology

MUNICIPAL SOLID WASTE



Hard plastics, plastic film,
mixed paper, RDF,
metals,
organics/biomass

NIR, VIS, XRT, LASER

PACKAGING



Plastics, plastic film,
cardboard, mixed paper,
deinking paper, metal

NIR, VIS, EM

UPGRADING PLASTICS



PET, PE, PP, flakes

NIR, VIS, EM

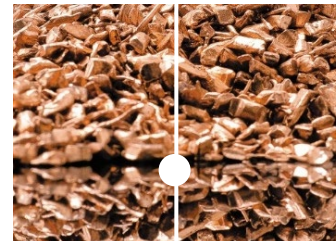
POST-SHREDDER



NF metal, stainless steel,
copper cables, copper,
brass,
aluminum

**NIR, VIS, XRT, XRF, EM,
COLOR**

ELECTRONIC SCRAP



Printed circuit boards,
non-ferrous metal
concentrates,
cables, copper, brass,
stainless steel

**XRT, XRF, EM, NIR,
COLOR**

PAPER



Deinking, cardboard,
carton

NIR, VIS, EM

Mining: applications and sensor technology

INDUSTRIAL MINERALS



Phosphate-silica removal, limestone-silica removal, quartz upgrade, MgO_2 -silica removal, fluorite pre-conc., talc pre-conc., lithium pre-conc., barite pre-conc.,

COLOR, XRT, NIR

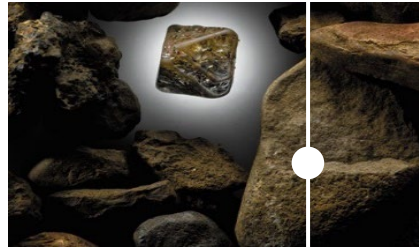
NON-FERROUS METALS



Copper, zinc, gold, nickel, tungsten, silver, platinum group metals

XRT, COLOR, EM, NIR

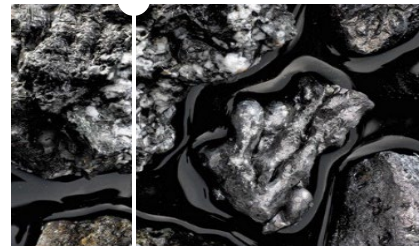
DIAMONDS



Kimberlite-waste removal, diamond ROM conc., diamonds final recovery, emeralds ROM conc., rubies ROM conc.

COLOR, XRT, NIR

SLAG



Stainless steel slag, ferro silica slag, ferro chrome slag

XRT, EM

FERROUS METALS



Iron ore grading, hematite pre-conc., manganese pre-conc., chromite pre-conc.

XRT, EM, NIR

FIRST-CLASS CUSTOMER SERVICE WORLDWIDE



for highest sorting performance
for lowest downtime
for plannable costs



Having the best systems is not enough
without a dedicated service team to keep
them running in top condition.

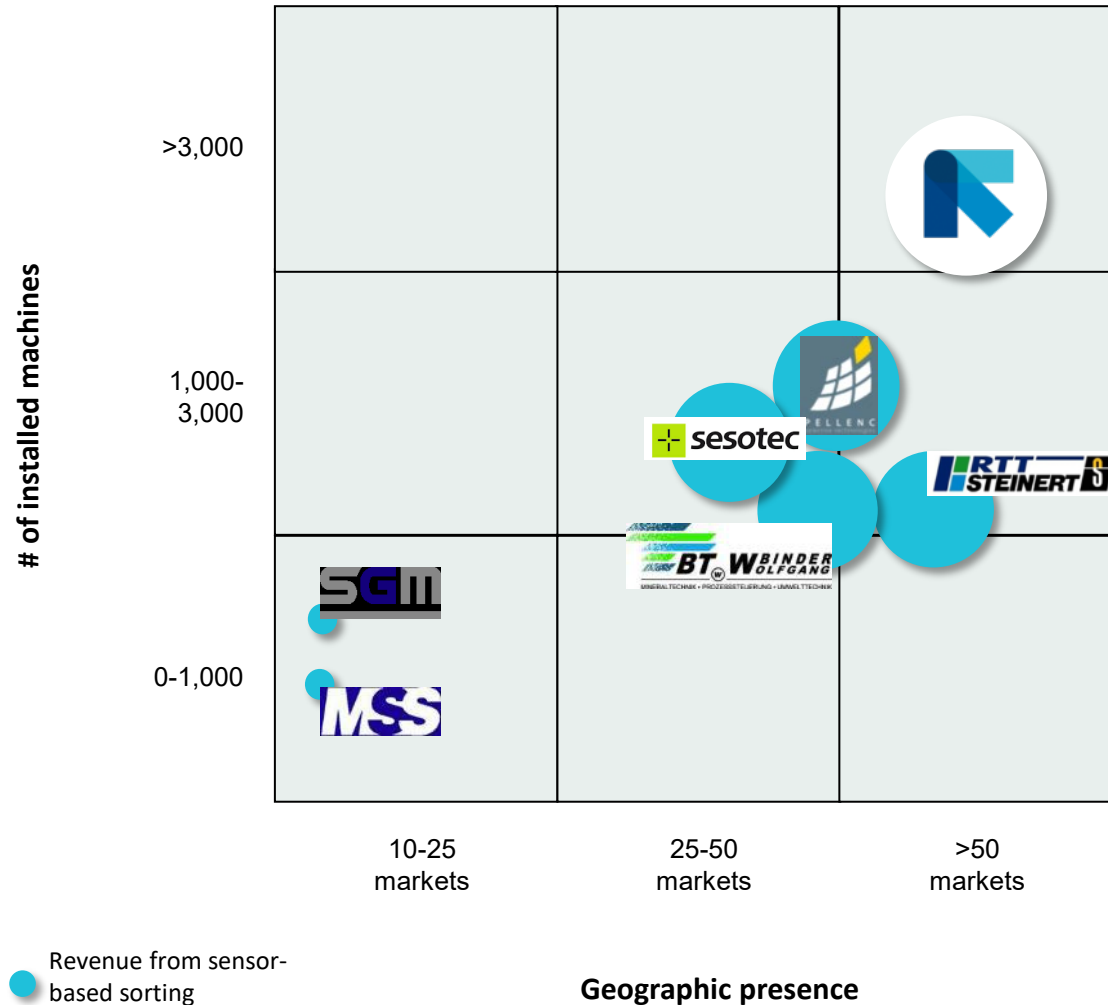


Unlocks new opportunities
Secure access to information

Connect to POSSIBILITIES



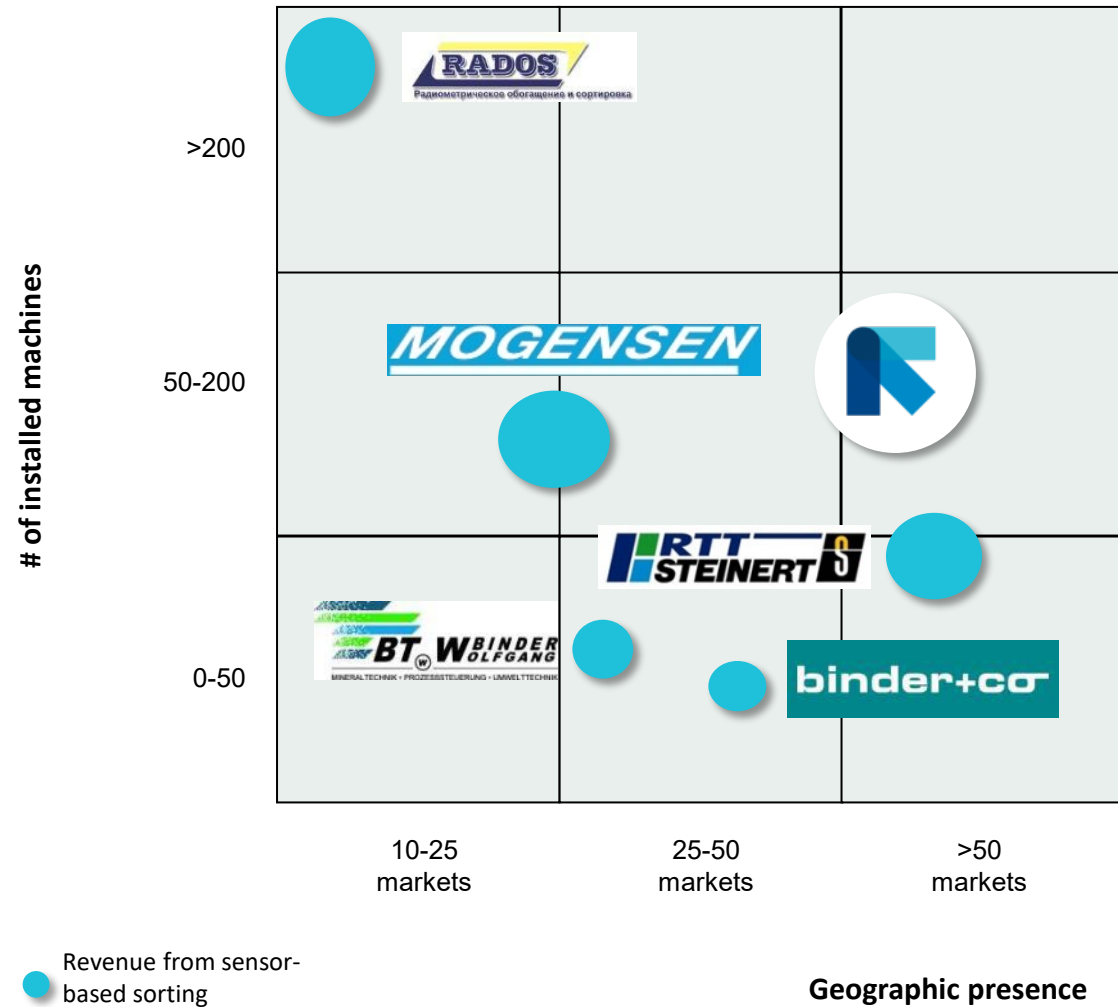
Recycling: competitive landscape



TOMRA competitive positioning

- Largest installed base
- Highest revenues
- Broadest technology platform on WR
- Highest number of applications and markets served
- Leading brand
- **Market share: 55-60%**

Mining: competitive landscape



TOMRA competitive positioning

- Wide geographical coverage
- Broadest technology platform
- Leading brand
- **Market share: 40-50%**

RESOURCES ARE FINITE

- **Today:** we are paying to get rid of our waste through landfill fees and incineration
- We are wasting perfectly good materials that can be reused
- **Tomorrow:** The Circular Economy is a driver for change
- Creating **value out of waste**
- That is what the **Circular Economy** is all about

The circular economy drives a legislative push...

Continued ambitious EU regulations and recycling targets:
Attract capital and drives investments



“A common EU target for recycling 70% of packaging waste by 2030”

The Strategy also highlights the need for specific measures, possibly a legislative instrument, to reduce the impact of single-use plastics, particularly in our seas and oceans

- **From Green Fence to National Sword:** Short-term demand for recycling solutions in waste exporting countries



- Limits the import of contaminated recyclable commodities and increases inspections of recyclable commodity imports
- Purity level set to 99.5%

...promoting recycling

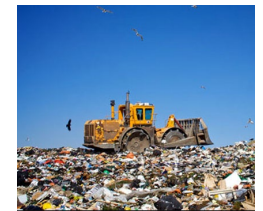


2018 CIRCULAR ECONOMY PACKAGE

Description

Targets and measures

Directive	Description	Targets and measures
Waste Framework Directive	<ul style="list-style-type: none"> Rules on how waste should be managed in the EU. It provides general principles for doing so, such as the Waste Hierarchy, Polluter Pays Principle and Extended Producer Responsibility. 	<ul style="list-style-type: none"> A common EU target for recycling 60% of municipal waste by 2030
Packaging and Packaging Waste Directive	<ul style="list-style-type: none"> Rules on the production, marketing, use, recycling and refilling of containers of liquids for human consumption and on the disposal of used containers 2015 revision includes lightweight plastic carrier bags 	<ul style="list-style-type: none"> A common EU target for recycling 70% of all packaging waste by 2030
Waste Electrical and Electronic Equipment (WEEE) Directive	<ul style="list-style-type: none"> Collection, recycling and recovery targets for all types of electrical goods 10 categories: Large household appliances, Small household appliances, IT and telco equipment, Consumer equipment, Lighting equipment, Electrical and electronic tools, Toys, Leisure and sports equipment, Medical devices, Monitoring and control instruments, Automatic dispensers 	<ul style="list-style-type: none"> A common EU target for recycling 55% of all plastics by 2030 A binding landfill target to reduce landfill to maximum of 10% of municipal waste by 2030 Minimum requirements are established for extended producer responsibility schemes
Landfill Directive	<ul style="list-style-type: none"> The objective of the Directive is to prevent or reduce as far as possible negative effects on the environment from the landfilling of waste In particular: impact on surface water, groundwater, soil, air, and on human health by introducing stringent technical requirements for waste and landfills. 	<ul style="list-style-type: none"> Simplified and improved definitions and harmonized calculation methods for recycling rates Concrete measures to promote re-use and stimulate industrial symbiosis
End of Life Vehicle (ELV) Directive	<ul style="list-style-type: none"> Aims at reduction of waste arising from end-of-life vehicles The scope of the directive is limited to passenger cars and light commercial vehicles 	<ul style="list-style-type: none"> Economic incentives for producers to put greener products on the market and support recovery and recycling schemes



...and a market pull

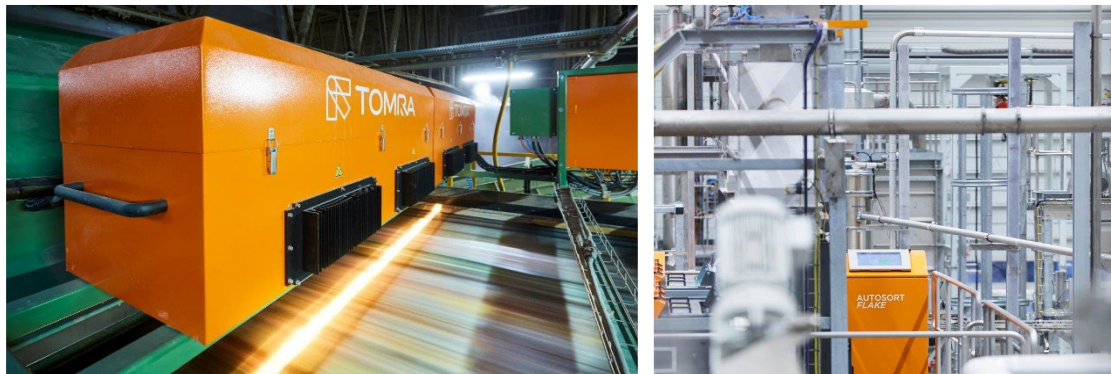
100% reusable, recyclable or
compostable **plastic packaging**
by 2025

Follow their lead



Large companies committing to use recycled raw materials = increased demand for recycled offtake

Circular Economy – Innovating through collaboration



TOMRA and Borealis, in collaboration with Zimmermann, opened a demo plant for advanced mechanical recycling with the purpose of generating material for brand owners and converters to qualify, validate and prove fit for use in their applications.



The demo plant covers the process from post consumer waste to production of recycled polymers.

PET	PE	PE	PE	PP	PP	PVC	PUR	PS	Other
8%	30%			19%		10%	8%	6%	19%

PET is the main polymer type in the market for high quality recycled plastics. However, PET accounts for less than 10% of plastic packaging*. Proving other polymer types is an important enabler of plastic circularity.



“One major challenge towards more circular packaging is the availability of high-quality recycled plastics that can be used in the packaging of our brands.”

Dr. Thorsten Leopold, Director International Packaging Technology Home Care Henkel

Recycling: market growth expectations

MARKET DEFINITION RECYLING

Sensor-based sorting equipment

- excluding cullet glass sorting
- excluding peripheral equipment and turn-key solutions

AFFECTING FACTORS

Tightening regulation

Access to capital

Consumer awareness

Commodity price fluctuations

Political instability (emerging markets)

Emerging countries ban

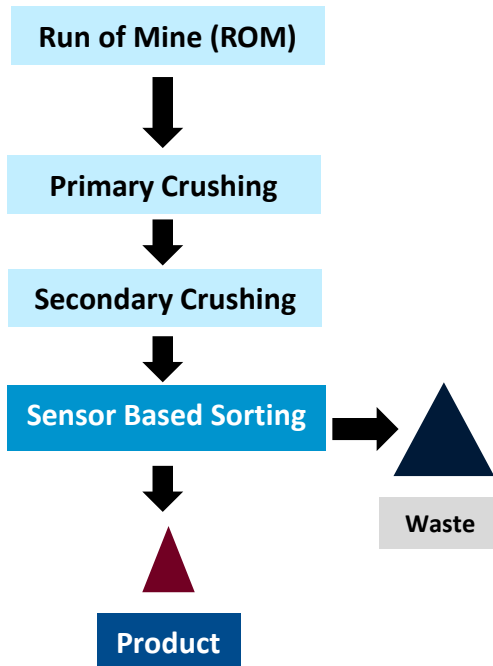


INTELLIGENT MINE

- **Mining** is an old industry. But chances are that it will **look very different** in 10 years time
- Energy intensity and water stress are major drivers...
- **...for disruptive technology forces to reshape the industry**
- Commodity prices and capex impact the investment sentiment

The concept of sensor-based sorting in mining

Mining process: Industrial minerals

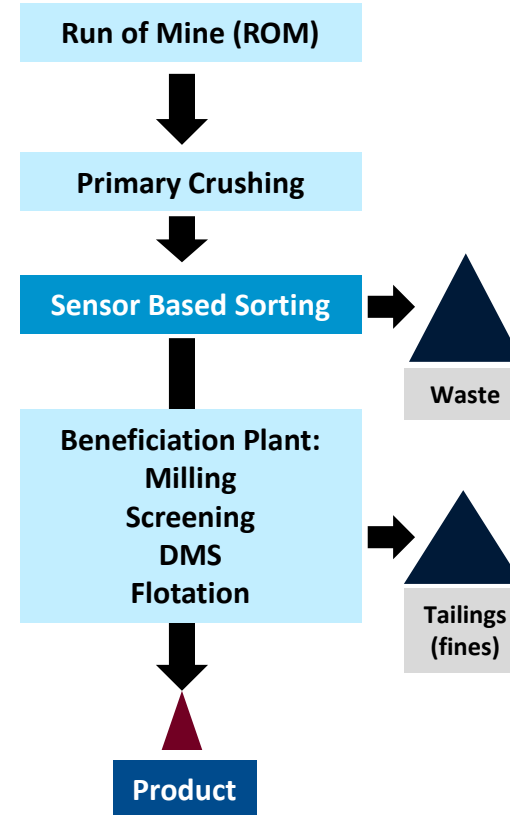


Current segment



- 15% to 50% of the ROM can be rejected in an early stage of the process (application dependent)
- These low grade waste rocks don't need to be transported, crushed, grinded or further treated

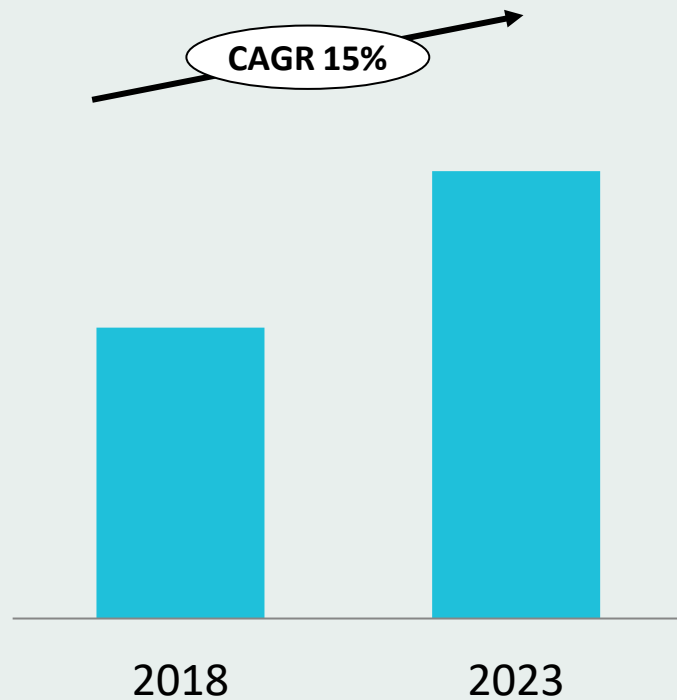
Mining process: Metal mining



Potential new segment

Mining: market growth expectations

Total annual market size



MARKET DEFINITION MINING

Sensor-based sorting equipment

- is still a technology to be accepted
- growth is conditional on new applications and technologies being developed

AFFECTING FACTORS

Political climate

Access to capital

Cost drivers

Commodity price
fluctuations



TOMRA FOOD



FOOD FOR THOUGHT

- We will need more food in the next 40 years than **all the harvests in history combined**
- But **farmland is constant** – at best
- The food you eat will have **travelled more than you have**

Automation continues on a good growth trajectory

From...



To...



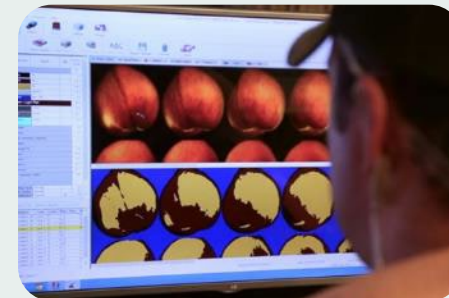
Robotics become cheaper, more advanced and user-friendly

Higher labor cost and labor shortages



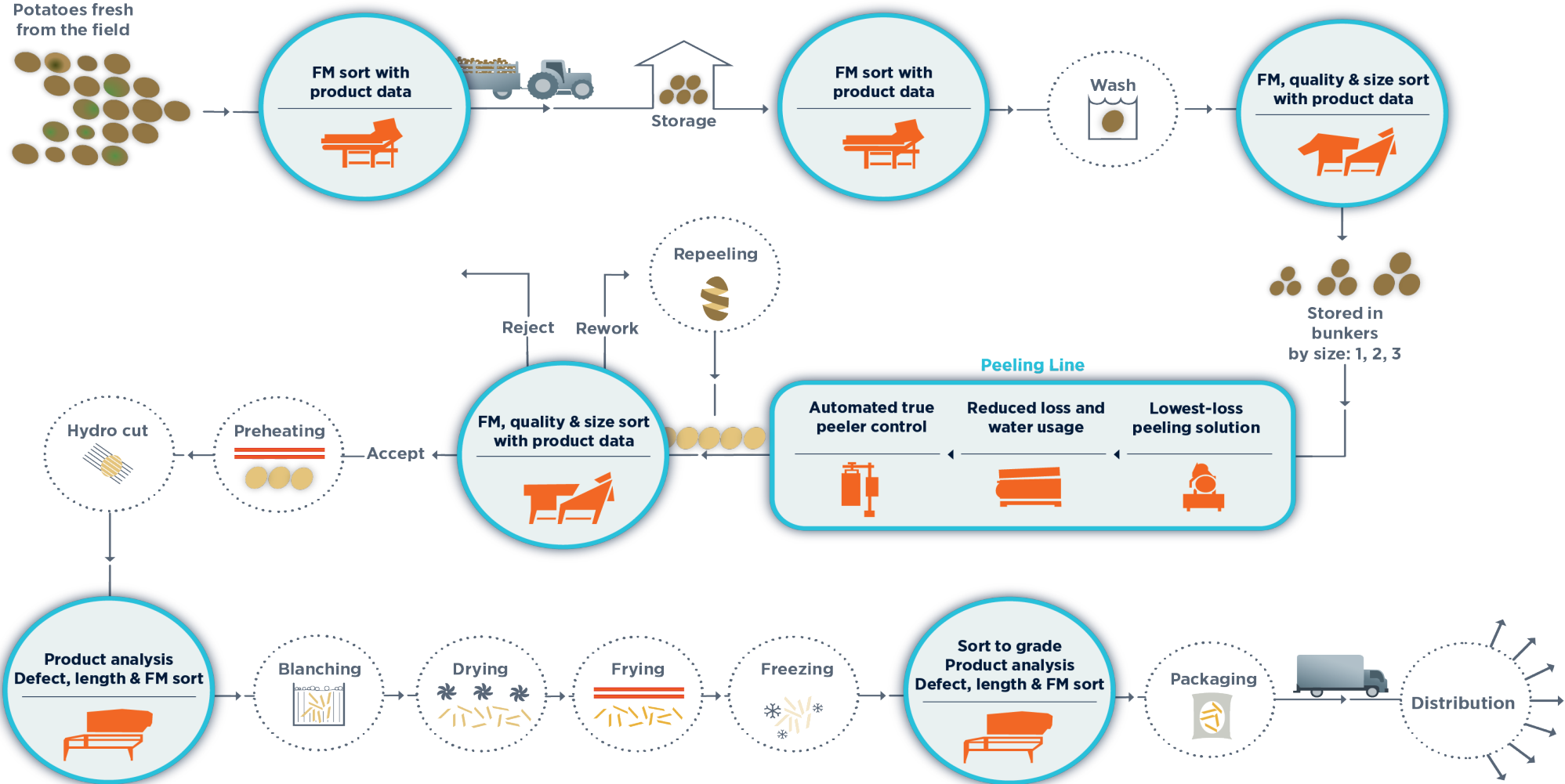
Ensure quality and safety

Improve efficiency



Leverage data insight

Creating value in various parts of the food process



Food: applications and sensor technology

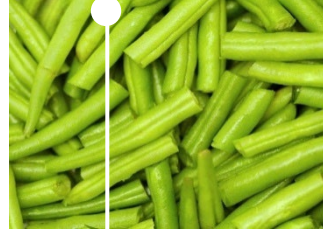
POTATOES



Chips, French fries, peeled, specialty products, sweet potatoes, unpeeled, washed

LASER, CAMERA, BSI, PULSED LED

VEGETABLES



Beans, beets, broccoli, carrots, corn, cucumbers, industrial spinach, IQF vegetables, jalapenos/peppers, onions, peas, pickles

LASER, CAMERA, BSI, PULSED LED

NUTS



Almonds, cashews, hazelnuts, macadamias, peanuts, pecans, pistachios, walnuts

LASER, CAMERA, X-RAY

DRIED FRUIT



Apricots, cranberries, dates, figs, prunes, raisins

LASER, CAMERA, BSI, X-RAY

SEEDS & GRAINS



Barley, coffee, corn, dry beans, lentils, oat, pulses, pumpkin, sunflower and watermelon seeds, wheat

LASER, CAMERA, BSI, X-RAY

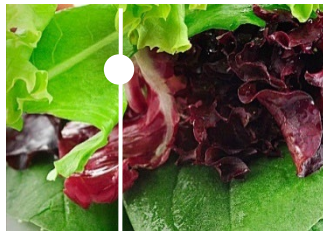
FRUIT



Apples, blackberries, blueberries, cherries, cranberries, peaches & pears, raspberries, strawberries, tomatoes

LASER, CAMERA, BSI, PULSED LED

FRESH CUT



Baby leaves, iceberg lettuce, spinach, spring mix

LASER, CAMERA

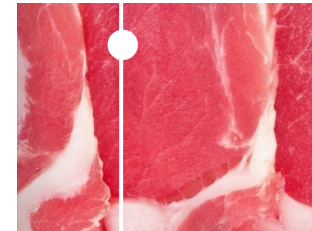
SEAFOOD



Mussels, scallops, seaweed, shrimps, tuna, pet food

LASER, CAMERA, BSI, X-RAY, INTERACTANCE SPECTROSCOPY

PROTEIN



Bacon bits, beef, chicken breasts, hot dogs, IQF meat, pork, pork rind, sausages, pet food

LASER, CAMERA, BSI, INTERACTANCE SPECTROSCOPY

OTHERS



Gummies, Tobacco

LASER, CAMERA

Our products are detecting a wide range of parameters



Color

Removal of discolorations in mono- and mixed-color material



Blemishes

Objects with spots or other (small) blemishes are removed



Defects

Removal of visible and invisible small and substantial defects



Structure

Removal of soft, molded or rotten food



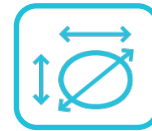
Density

Detection of density differences



Damage

Broken, split and damaged objects are detected and removed



Shape & Size

Sort on length, width, diameter, area, broken-piece recognition, ...



Biometric Characteristics

Sort based on water content and removal of mycotoxin contaminations



Foreign Material

Removal of foreign material in a material stream, e.g. insects, worms, snails or plastics in food applications



Fluo

Based on the chlorophyll level present in produce defects are removed



X-RAY

Analysis of objects based on their density and shape



Detox

Removal of produce contaminated with aflatoxin

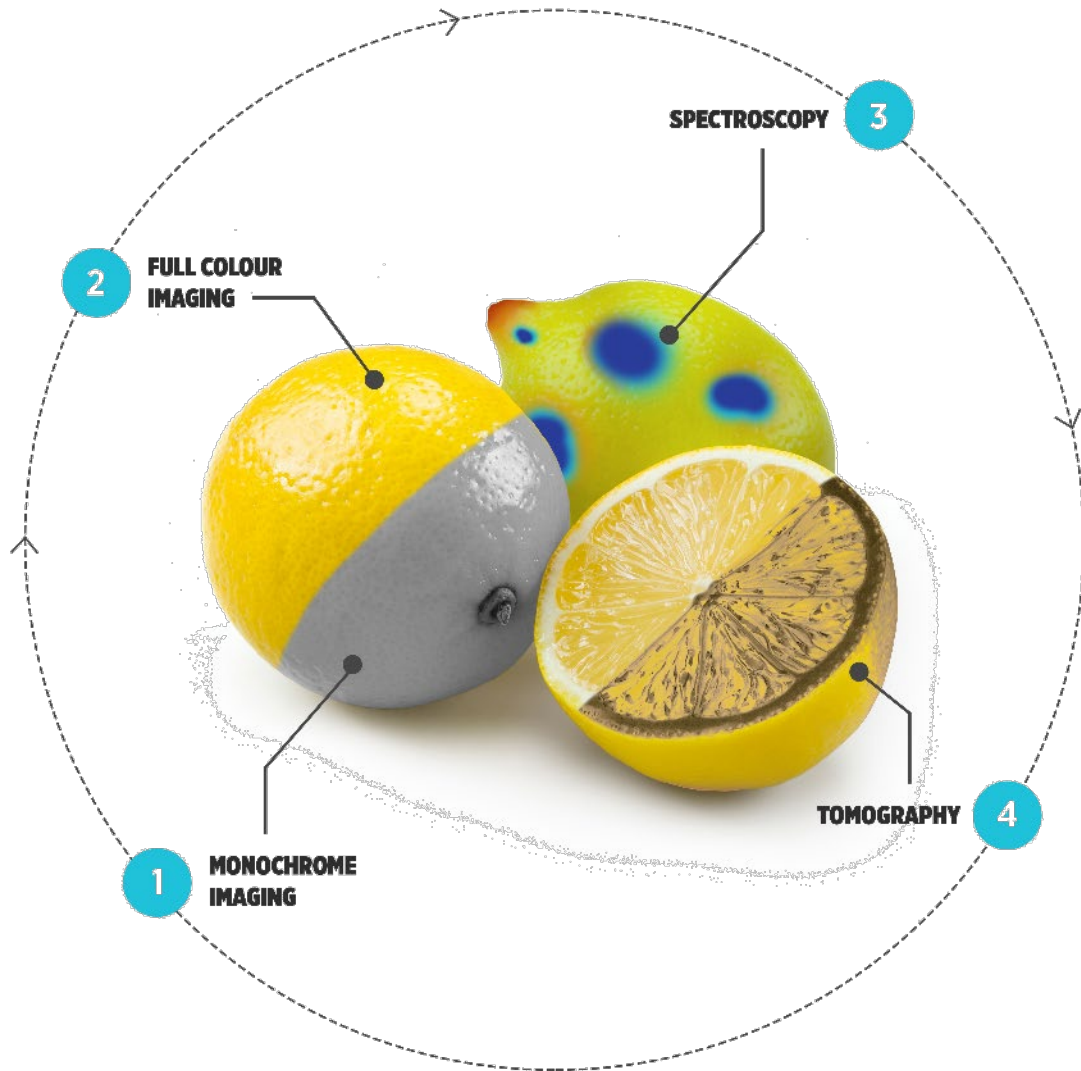
Visible

Invisible

Both



New sensor technologies will unlock new opportunities...



- From measuring visual appearance...

... to measuring

Internal defects

Taste

Shelf life / Freshness

Food hazards

Top Food Categories



Potatoes



Nuts & Dried Fruit



Vegetables



Apples



Citrus



Berries



Cherries



Fresh Cut



Avocados



Kiwifruit



Grains & Seeds

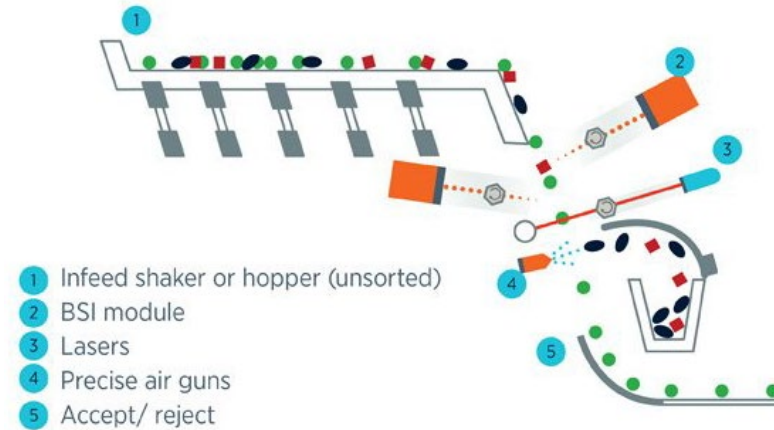
Three ways of sorting within the Food segment

Free fall (Channel / Chute)	
Application	Seeds, rice, grains
Sensor tech.	Camera (simple)
Revenue share*	Approx. 60%

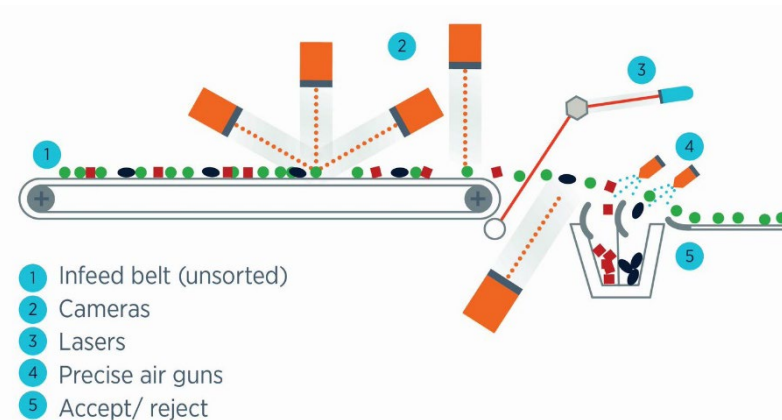
Belt	
Application	Prepared /preserved veg. and fruit
Sensor tech.	Several (complex)
Revenue share	Approx. 20%

Lane	
Application	Fresh produce
Sensor tech.	Several (medium)
Revenue share	Approx. 20%

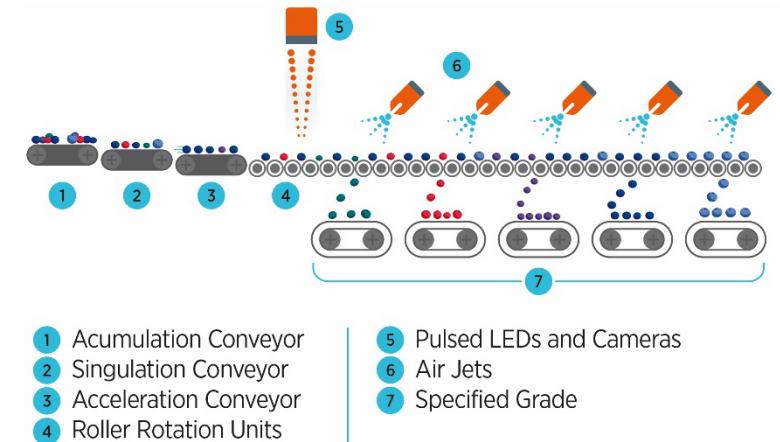
Chute or Channel sorter



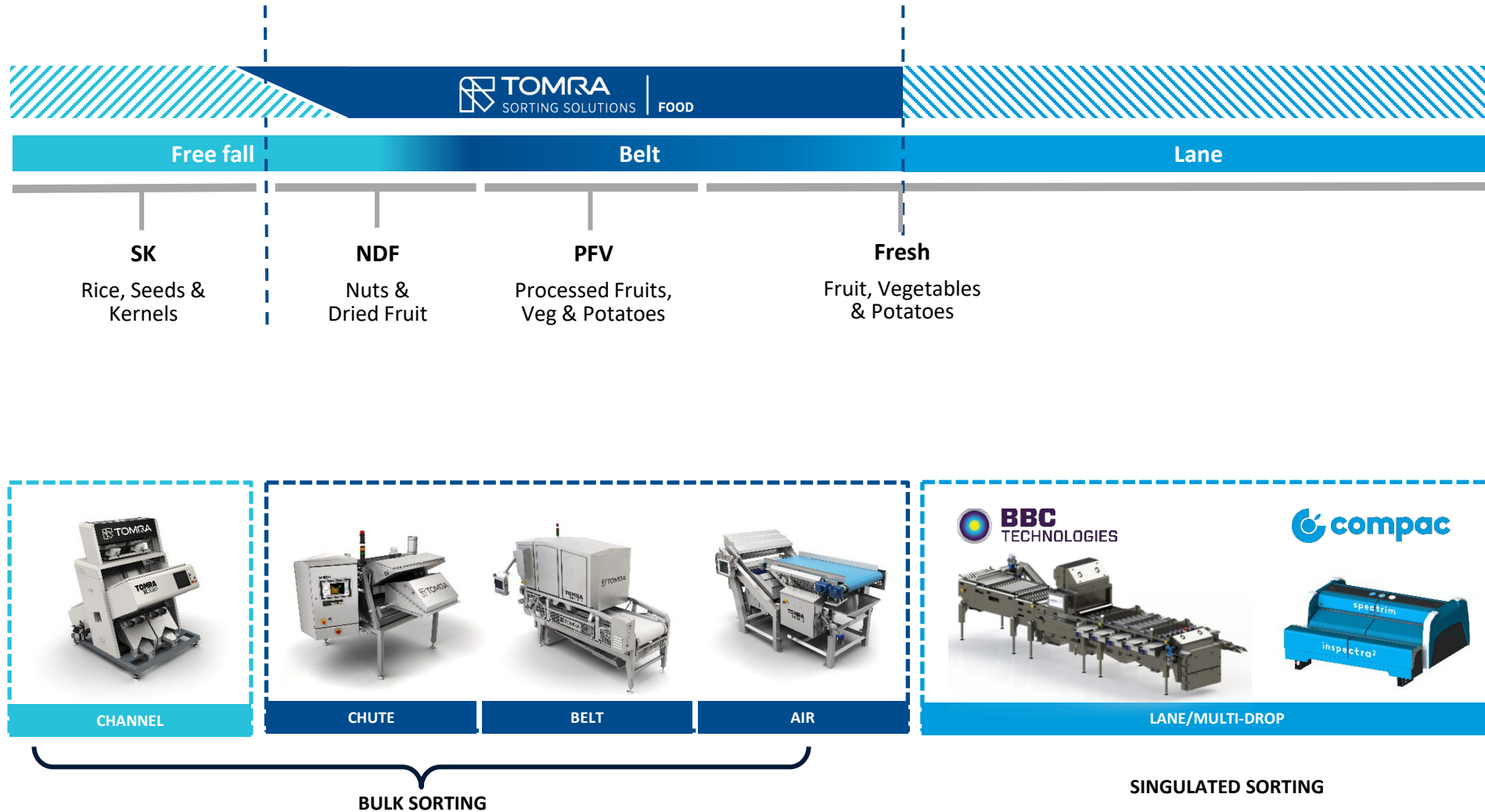
On belt inspection



Lane grading

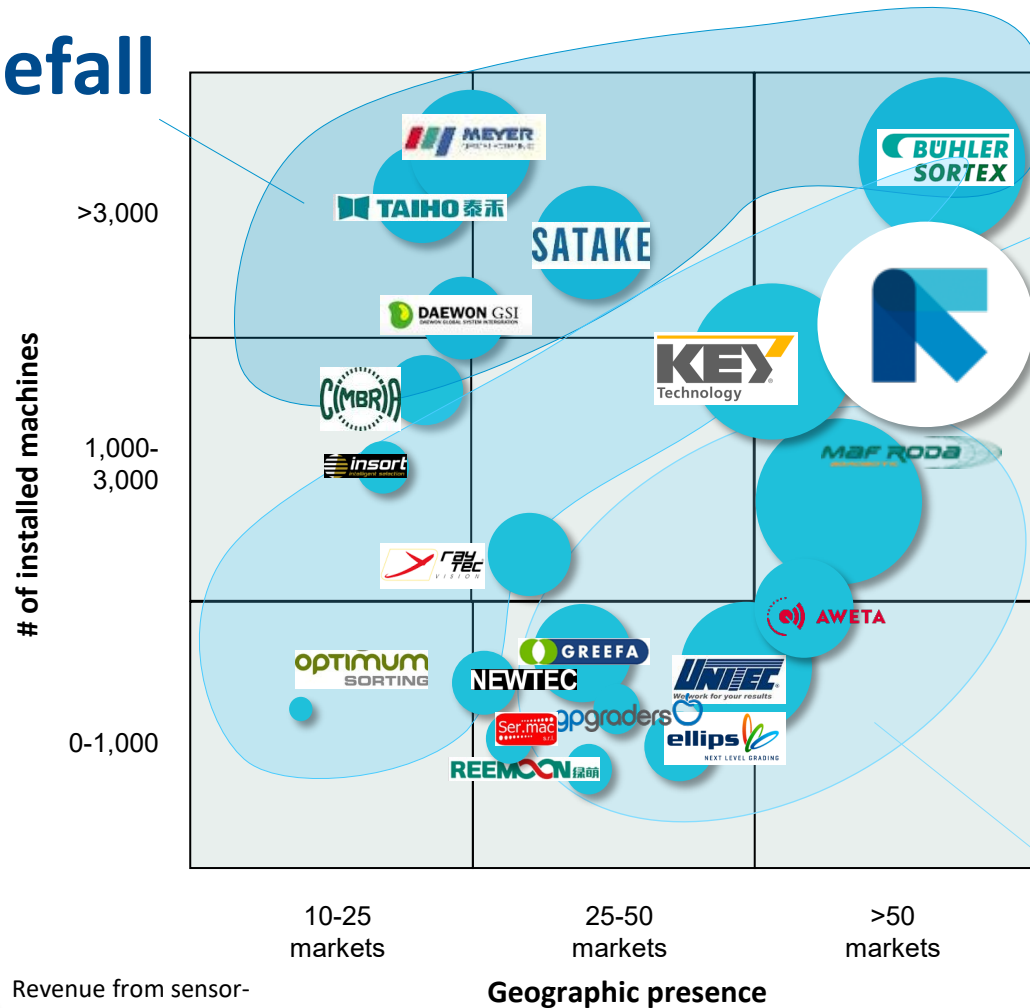


TOMRA has established the broadest footprint within food sorting



Food competitive landscape

Freefall



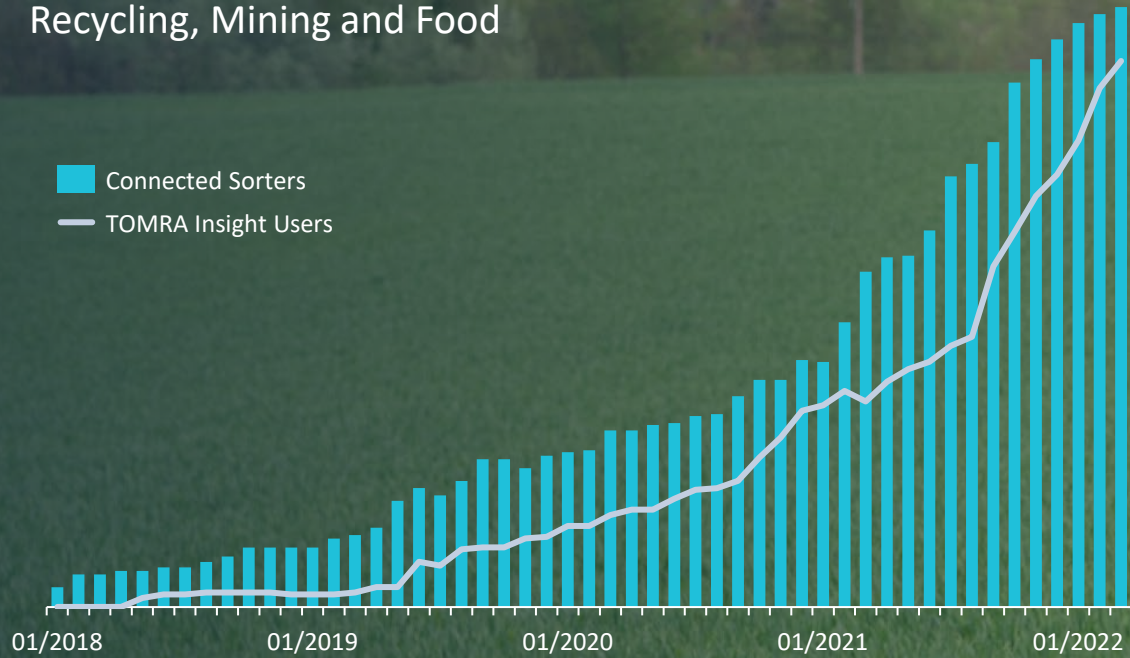
Belt

TOMRA competitive positioning

- Broadest and deepest technology base
- Widest range of categories and applications
- Most comprehensive geographic reach (~80 countries)

Lane

Recycling, Mining and Food



**Connect to
POSSIBILITIES**



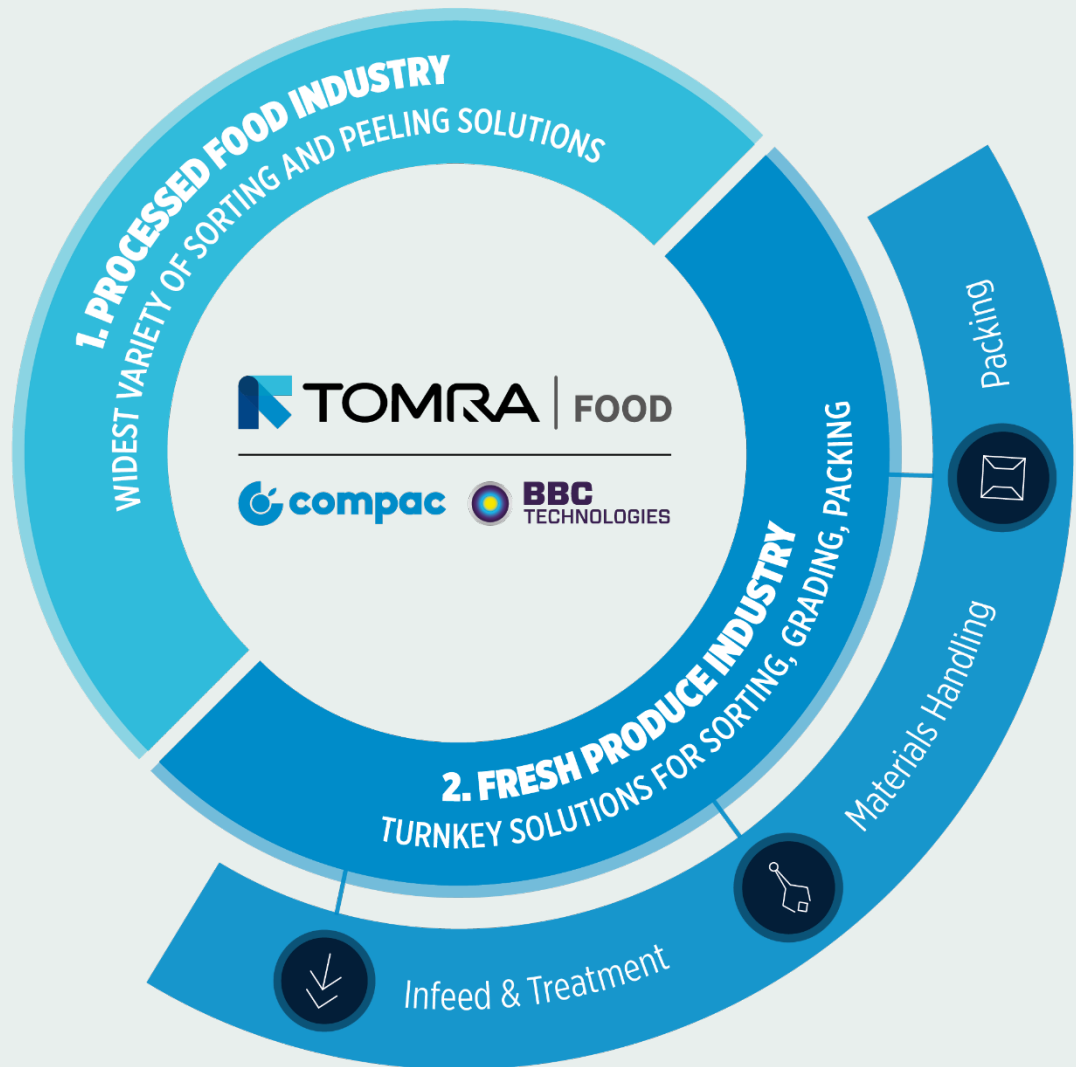
Global Leader



Sorting & Grading



Data & Analytics



Artificial Intelligence



Service & Support

Our food sorting customers

PROCESSED FOOD INDUSTRY

FRESH PRODUCE INDUSTRY



TOMRA Food Locations

1400+

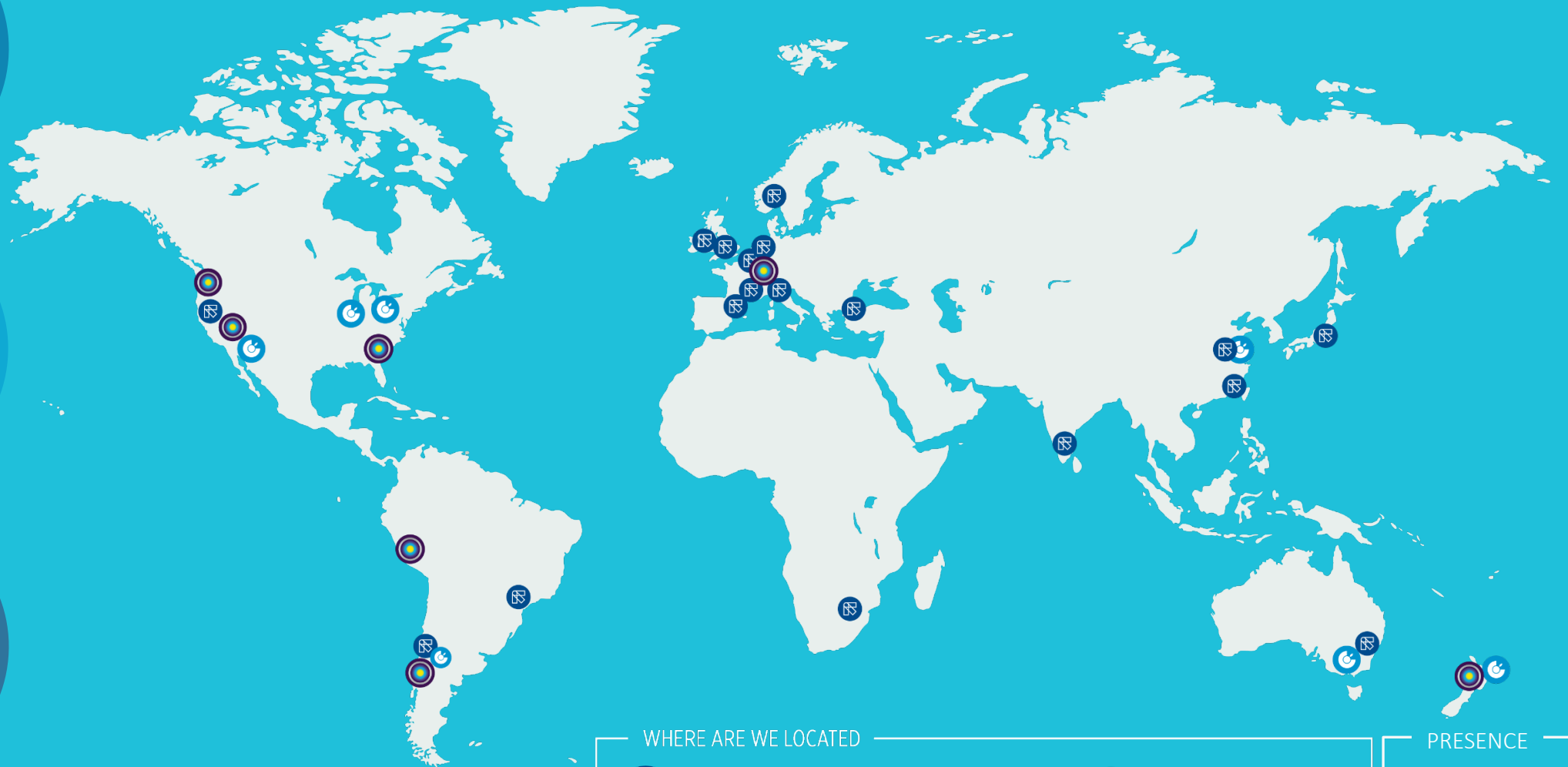
TOMRA FOOD
TEAM

32

GLOBAL
OFFICES

4

PRODUCTION
FACILITIES



WHERE ARE WE LOCATED



TOMRA Food



Compac

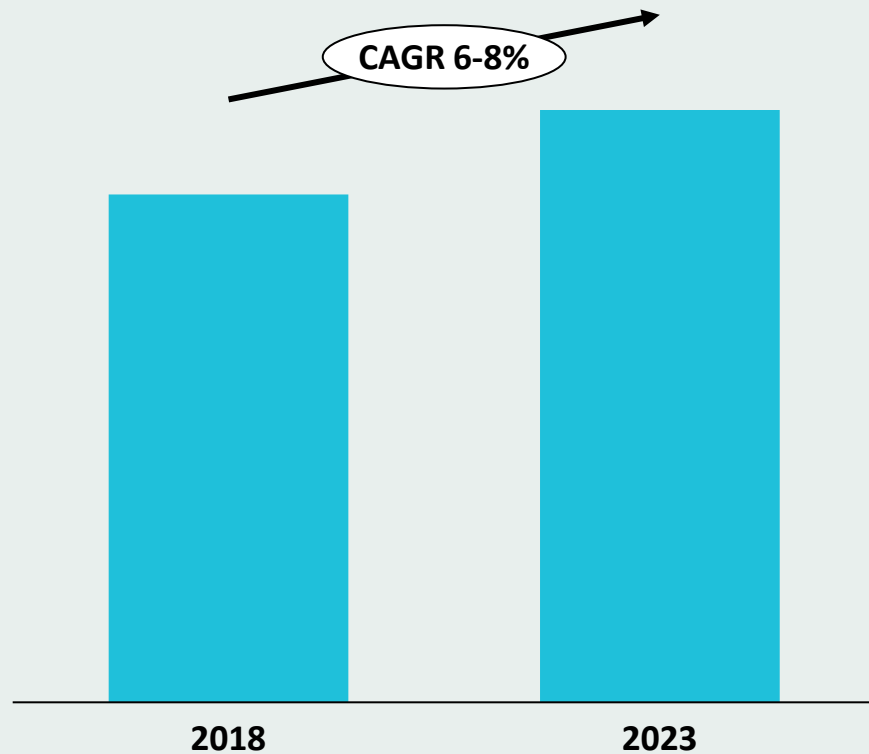


BBC Technologies

PRESENCE

80
countries

Market growth expectations – food



MARKET DEFINITION FOOD

Sensor-based sorting and grading equipment

- Including color sorting
- Excluding peripheral equipment and turn-key solutions

Fresh and processed segment

AFFECTING FACTORS

Weather conditions

Raw material pricing

Manual labor availability and cost

Urbanization and living standards

Global trade agreements and tariffs

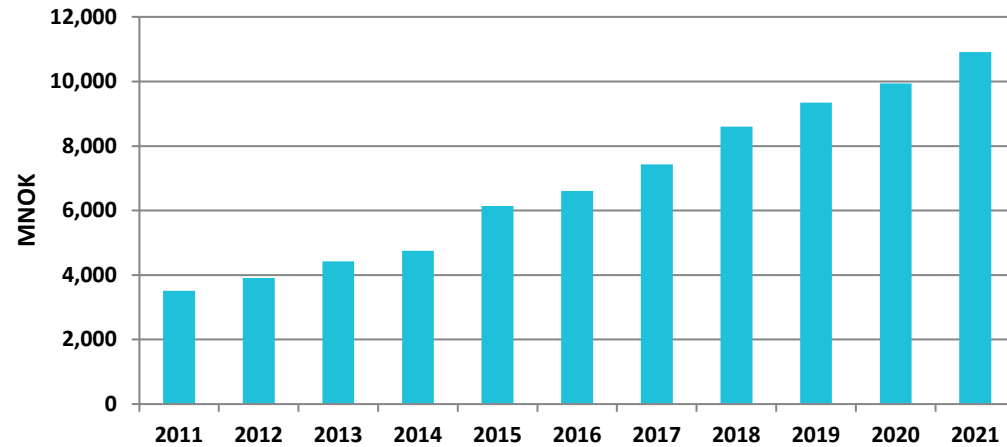
Geopolitical and other global events



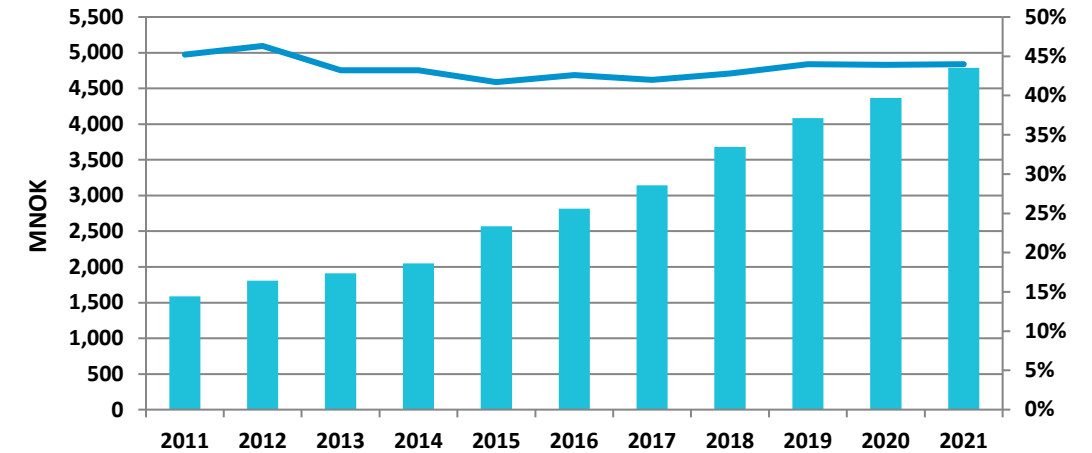
HISTORICAL GROUP FINANCIALS AND TARGETS

Group financials development – solid track record

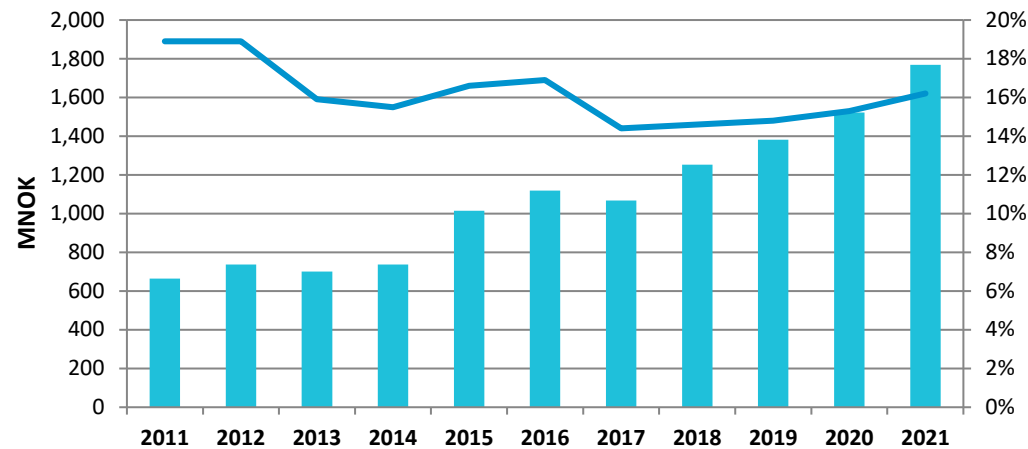
Revenues



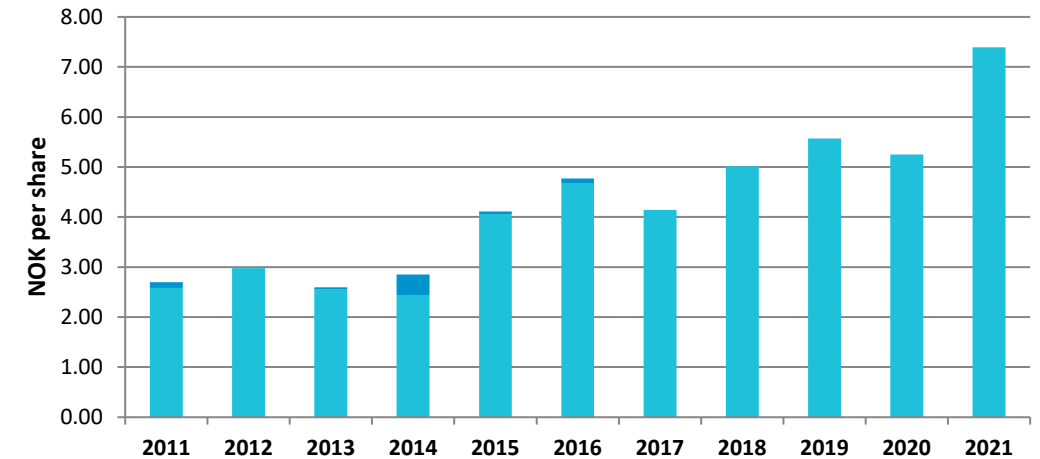
Gross contribution and margin



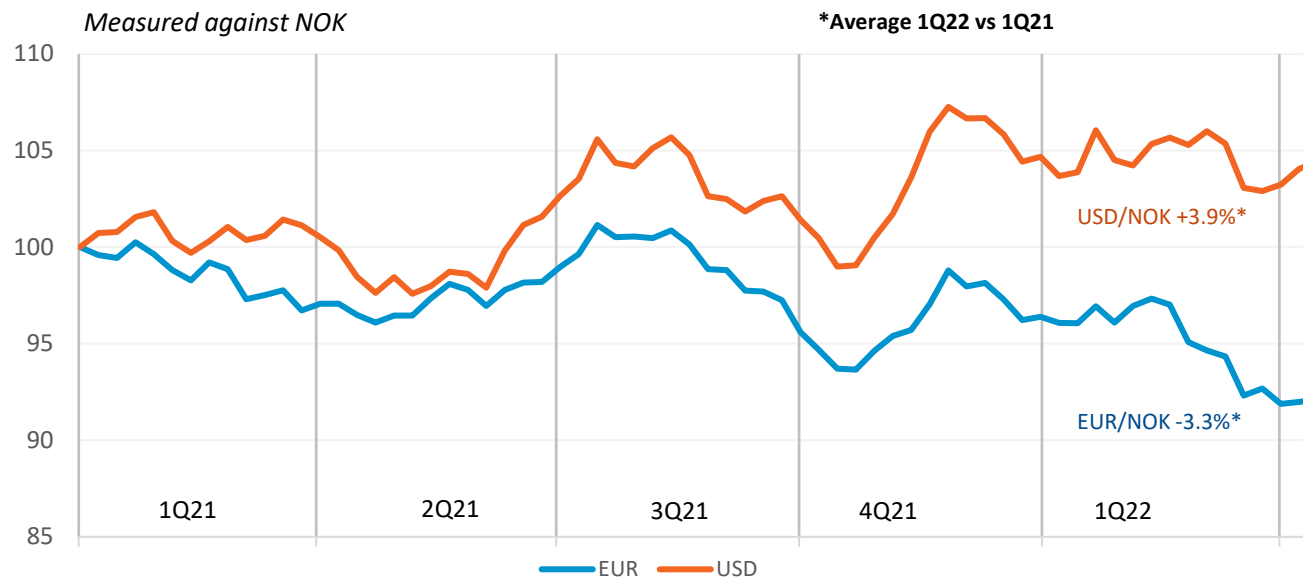
EBITA and margin



Earnings per share



Currency risk and hedging policy



10% change in NOK towards other currencies will impact:

	Revenues	Expenses	EBITA
EUR*	4.5%	4.0%	7.0%
USD	3.5%	2.5%	8.0%
OTHER ²	2.0%	3.0%	-4.0%
ALL	10.0%	9.5%	11.0%

Revenues and expenses per currency:

	EUR ¹	USD	NOK	OTHER ²	TOTAL
Revenues	45 %	35 %	0 %	20 %	100 %
Expenses	40 %	25 %	5 %	30 %	100 %

Assets and liabilities per currency:

	EUR ¹	USD	NOK	OTHER ²	TOTAL
Assets	45 %	15 %	10 %	30 %	100 %
Liabilities	55 %	15 %	10 %	20 %	100 %

¹ EUR includes DKK

² Most important: AUD, NZD, RMB, CAD, SEK, GBP and JPY

NOTE: Estimated and rounded figures

HEDGING POLICY

CASHFLOW AND P/L

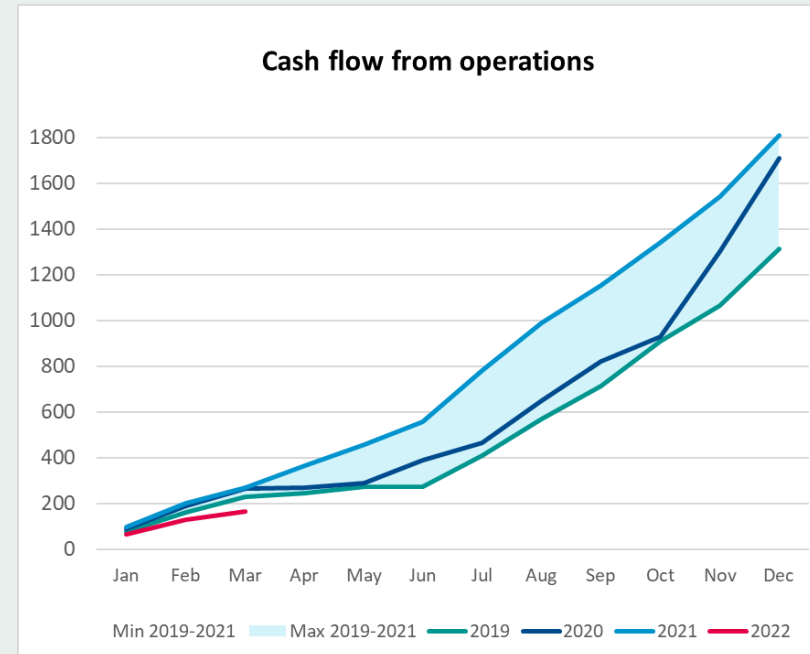
- TOMRA can hedge up to one year of future predicted cash flows. Gains and losses on these hedges are recorded at the finance line, not influencing EBITA

B/S

- TOMRA only hedges B/S items where exchange rate fluctuations could have P/L impact. Gains and losses on B/S hedging are recorded in accordance with IAS 21 and will normally not have P/L impact

Financial highlights | Balance sheet and cash flow

	31 March		31 Dec
<i>Amounts in NOK million</i>	2022	2021	2021
ASSETS	11,821	10,806	11,589
Intangible non-current assets	3,742	3,737	3,790
Tangible non-current assets	2,269	2,263	2,197
Financial non-current assets	388	362	347
Inventory	1,921	1,571	1,883
Receivables	2,881	2,419	2,740
Cash and cash equivalents	619	454	632
LIABILITIES AND EQUITY	11,821	10,806	11,589
Equity	6,249	5,568	6,164
Lease liabilities	758	1,047	1,015
Interest-bearing liabilities	1,163	1,300	1,004
Non-interest-bearing liabilities	3,651	2,891	3,406



Cashflow from operations

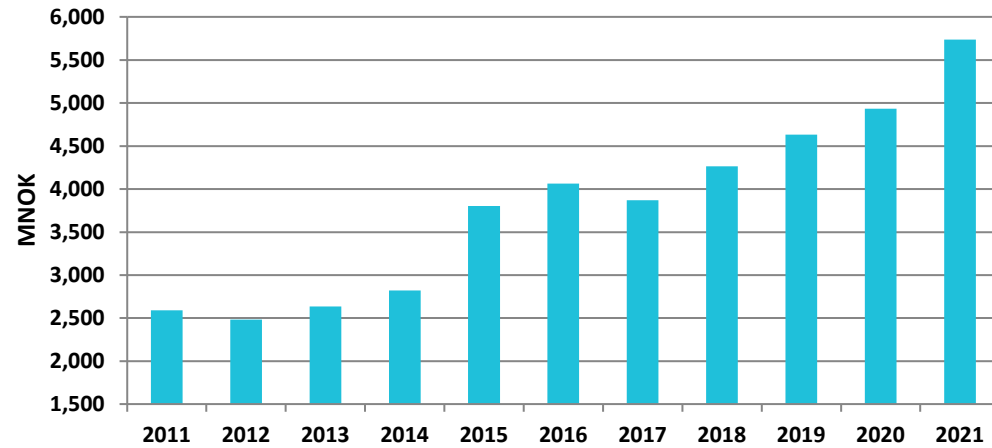
- Cash flow from operations of 166 MNOK in the first quarter 2022 (269 MNOK in first quarter 2021)

Solidity and gearing

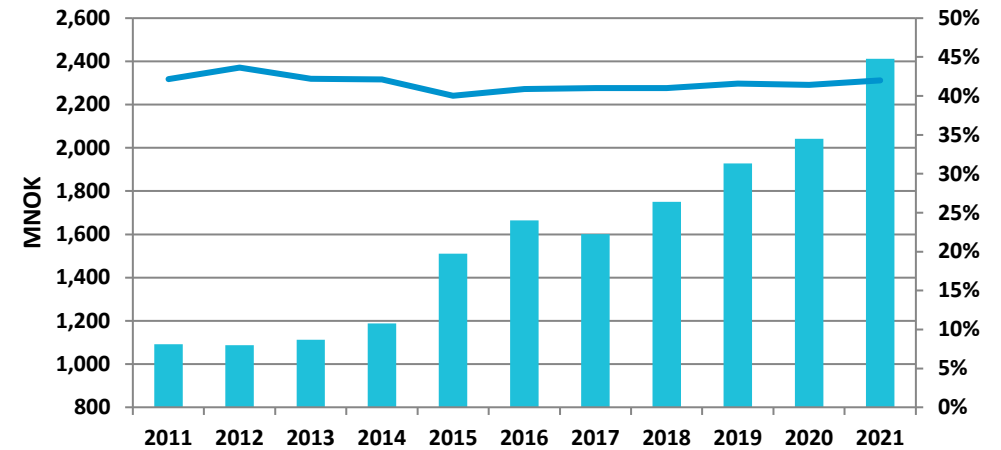
- 53% equity ratio
- NIBD/EBITDA (rolling 12 months) of 0.5x including IFRS 16

TOMRA Collection – segment financials

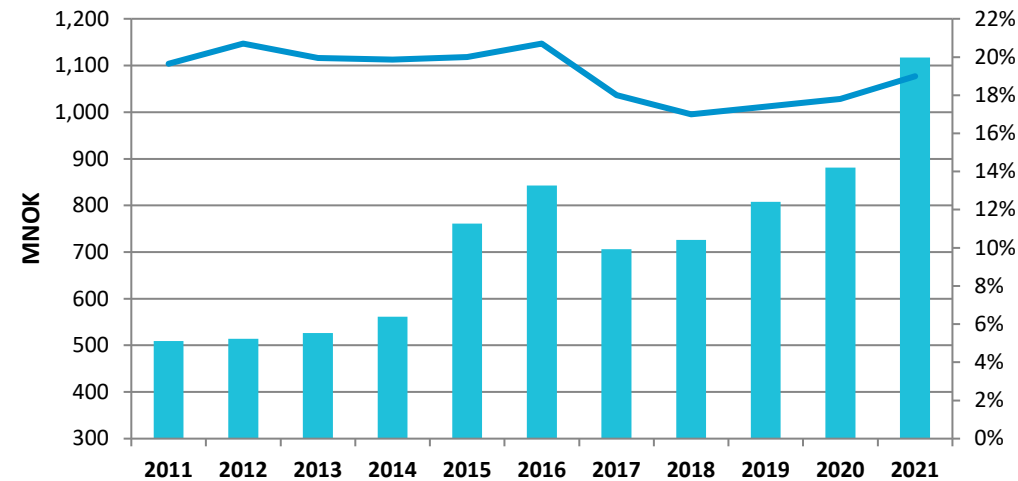
Revenues



Gross contribution and margin

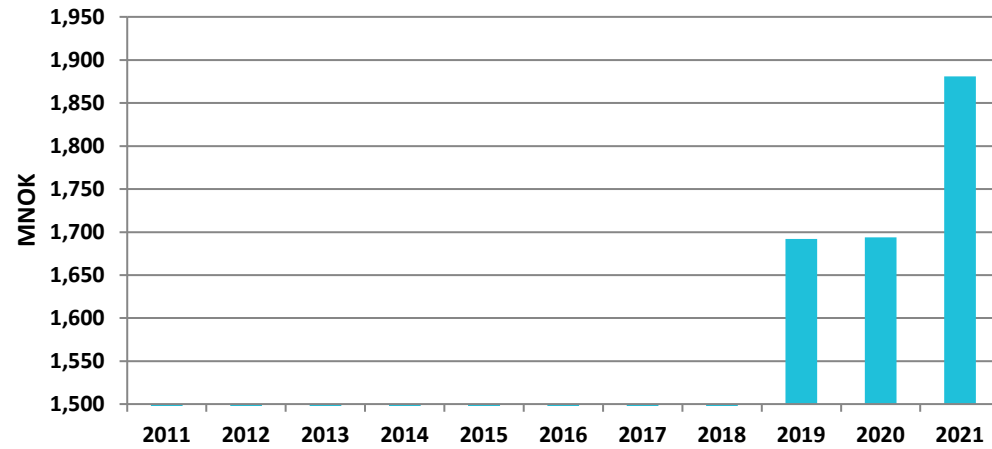


EBITA and margin

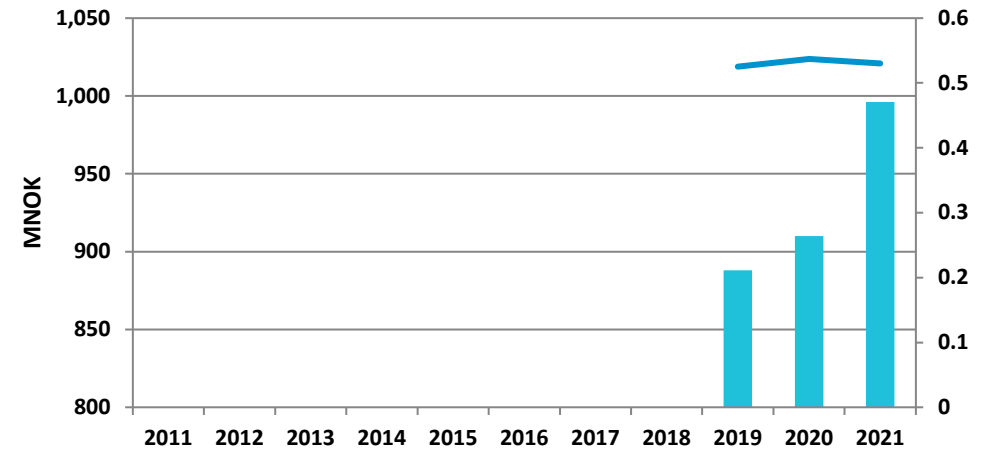


TOMRA Recycling Mining – segment financials

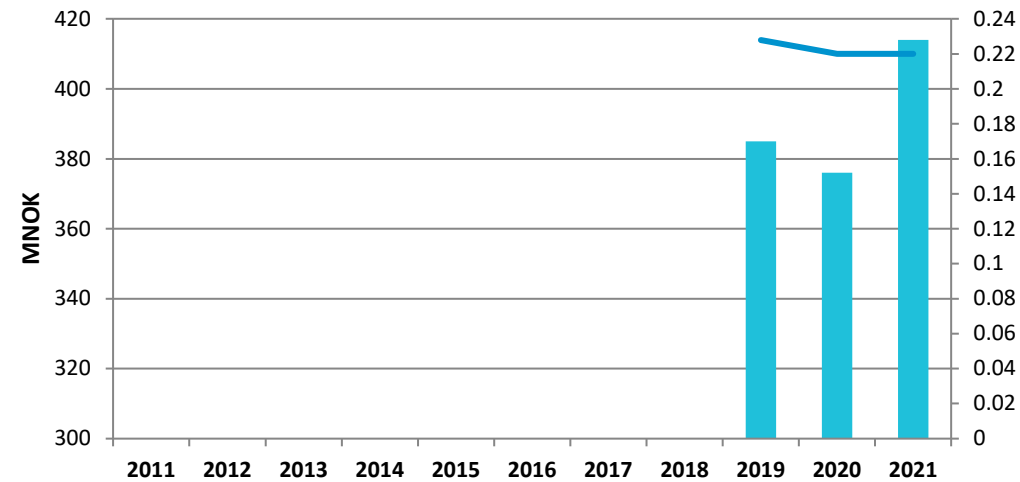
Revenues



Gross contribution and margin

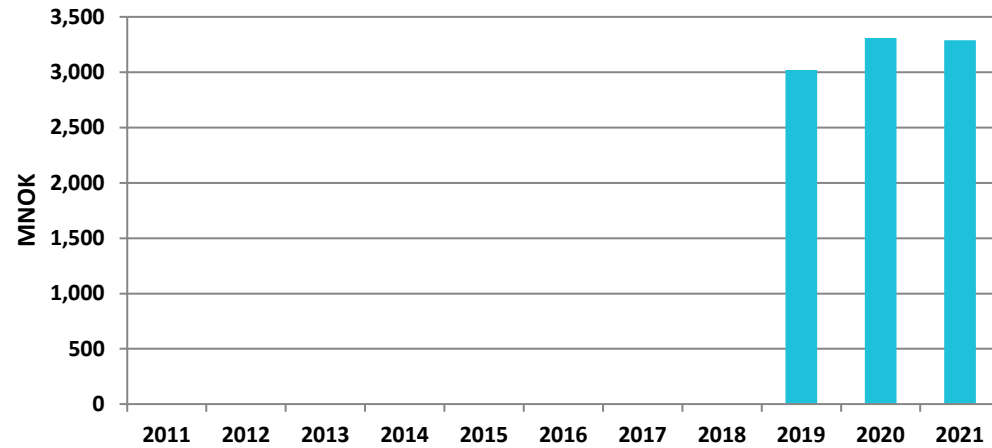


EBITA and margin

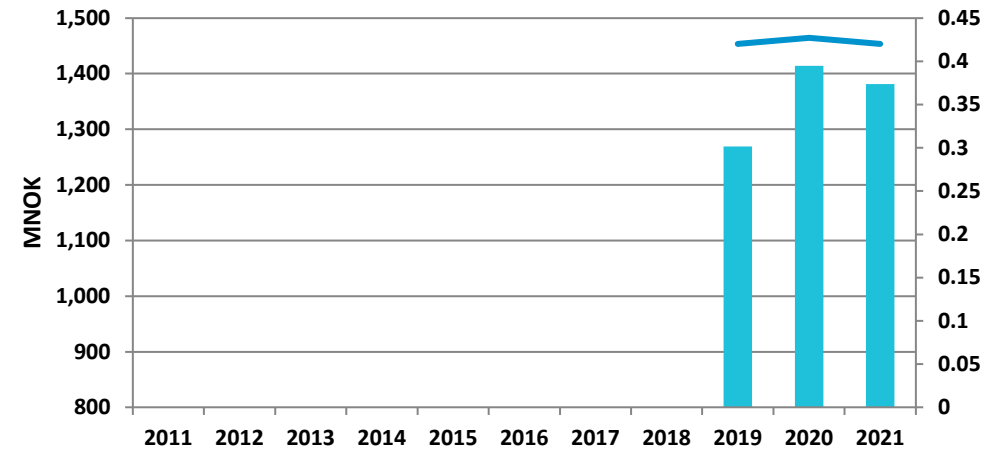


TOMRA Food – segment financials

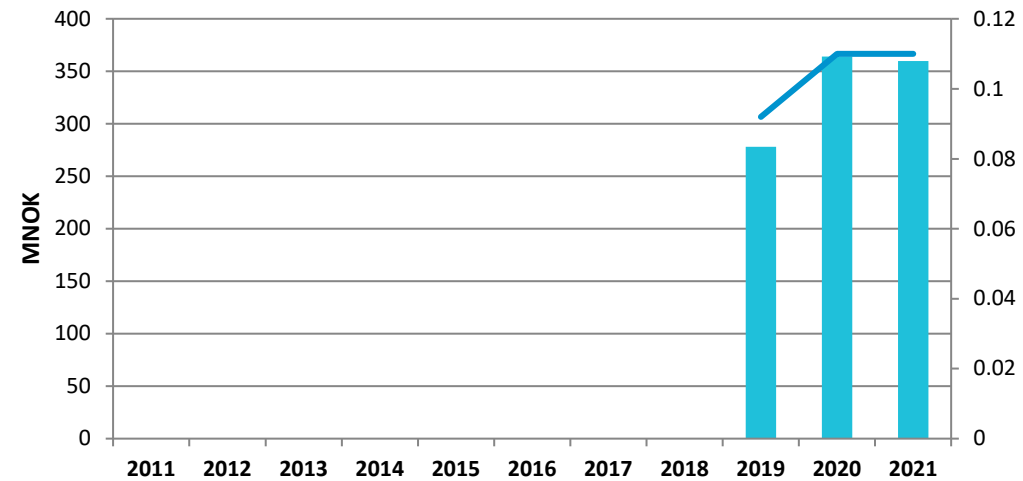
Revenues



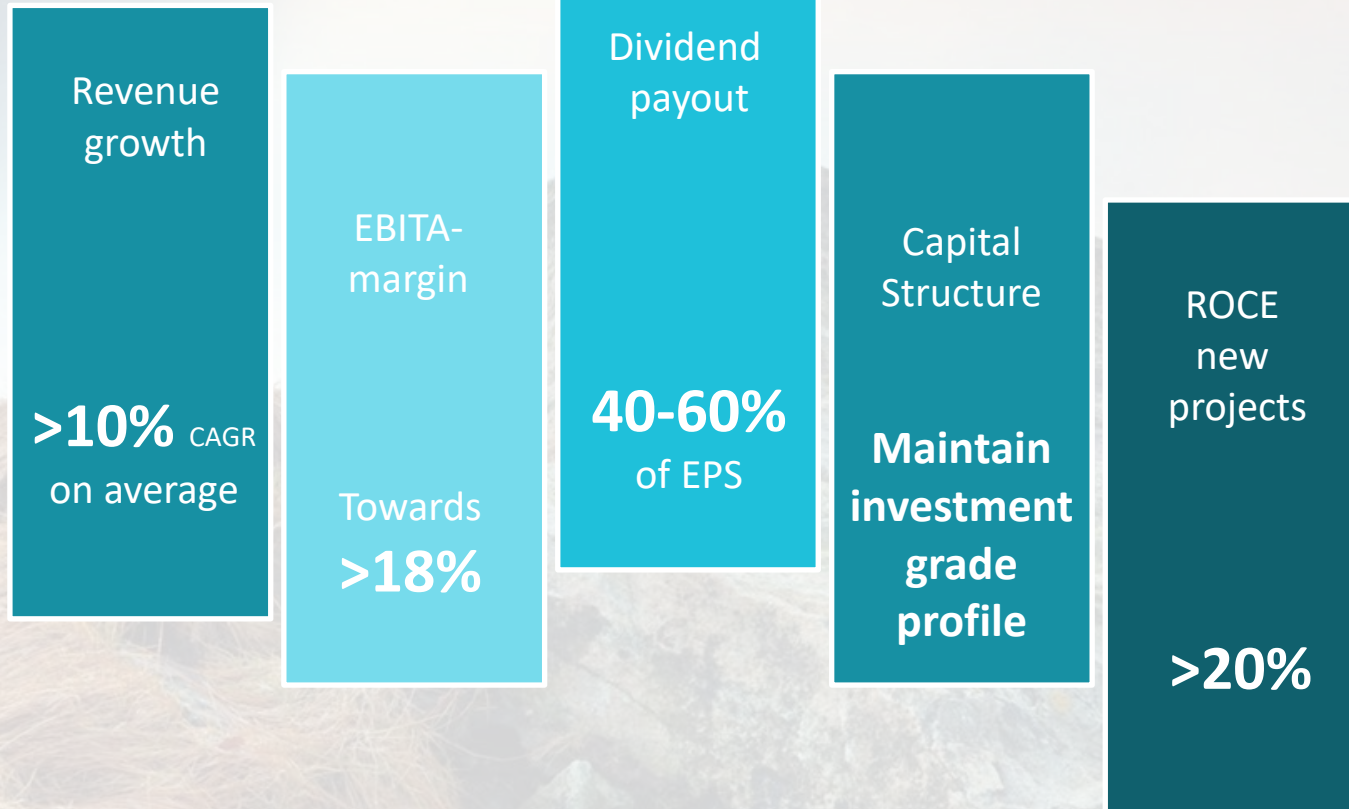
Gross contribution and margin



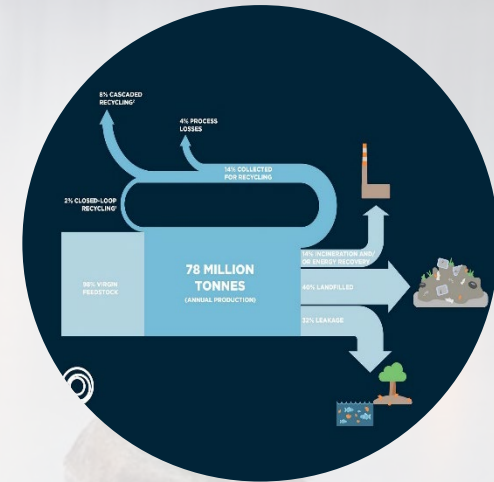
EBITA and margin



Our ambitions 2018 - 2023



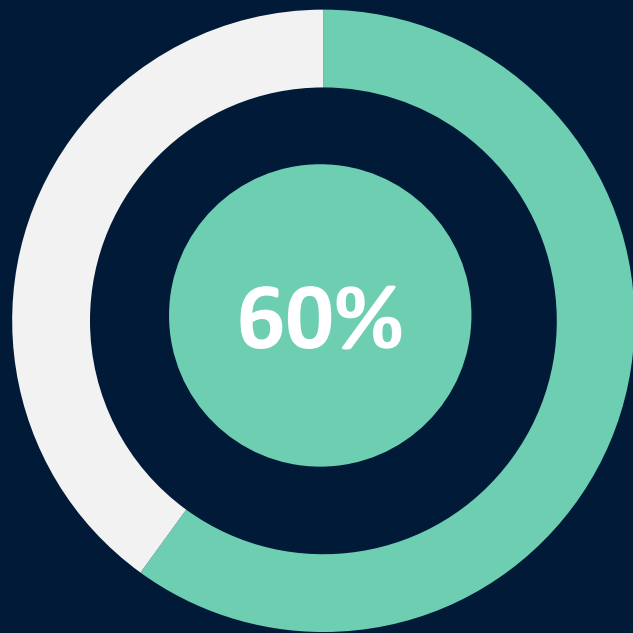
Circular Economy



Future of Food



EU Taxonomy – preliminary¹⁾ assessment



TOMRA

Collection and transport of non-hazardous waste in source segregated fractions

Material recovery from non-hazardous waste

Manufacture of machinery enabling closed-loop systems, and high-quality waste collection and waste management²⁾

ACTIVITIES

Climate change mitigation

Transition to a circular economy

OBJECTIVES

- (a) climate change mitigation
- (b) climate change adaptation
-
- (c) sustainable use and protection of water and marine resources
- (d) transition to a circular economy
- (e) pollution prevention and control
- (f) protection and restoration of biodiversity and ecosystems

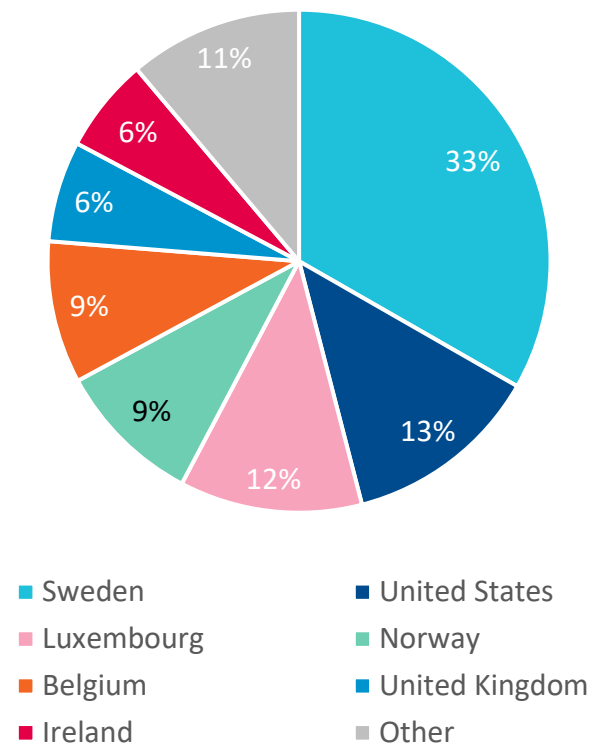
Shareholder structure

Top 10 shareholders as of 31 March 2022^{*)}

1	Investment AB Latour	31 200 000	21,1 %
2	Folketrygdfondet	12 511 785	8,5 %
3	APG Asset Management	7 094 564	4,8 %
4	BlackRock	6 013 502	4,1 %
5	Candriam	3 785 372	2,6 %
6	Handelsbanken	3 518 237	2,4 %
7	Vanguard	3 368 132	2,3 %
8	AllianceBernstein	2 640 297	1,8 %
9	Impax Asset Management	2 603 940	1,8 %
10	Alfred Berg Kapitalforvaltning	1 936 005	1,3 %
	Sum Top 10	68 030 788	50.4%
	Other shareholders	73 348 244	49.6%
	TOTAL (11.916 shareholders)	148 020 078	100.0%

^{*)} ultimate ownership accounts based on available information

Shareholders by country ^{)}**



^{**)} ownership data includes nominee accounts

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