### Investor Presentation









TOMRA Systems ASA 23.04.2021 © TOMRA WE LIVE IN AN AGE WITH THE HIGHEST LEVEL OF CONSUMPTION OUR PLANET HAS EVER SEEN,

USING MORE RESOURCES THAN EVER BEFORE. MORE THAN OUR PLANET CAN CONTINUE TO SUSTAIN



## TOMRA is well-positioned towards megatrends





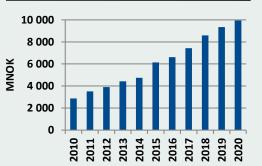
#### **3** Solutions for optimal resource productivity



#### Strong financial performance, people & culture

#### Revenues

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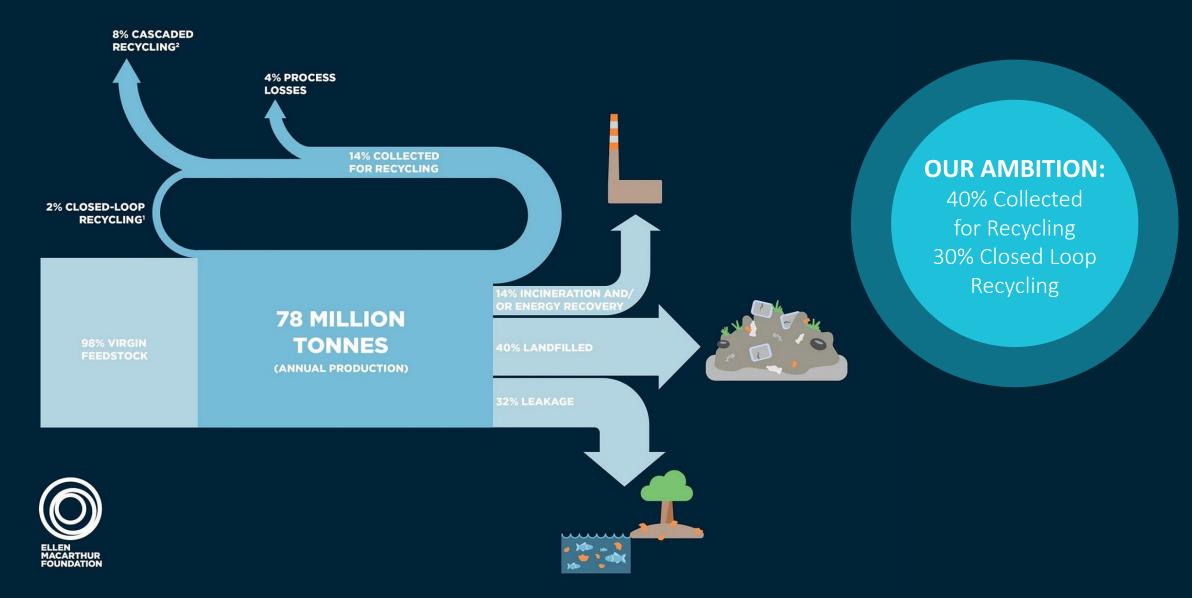




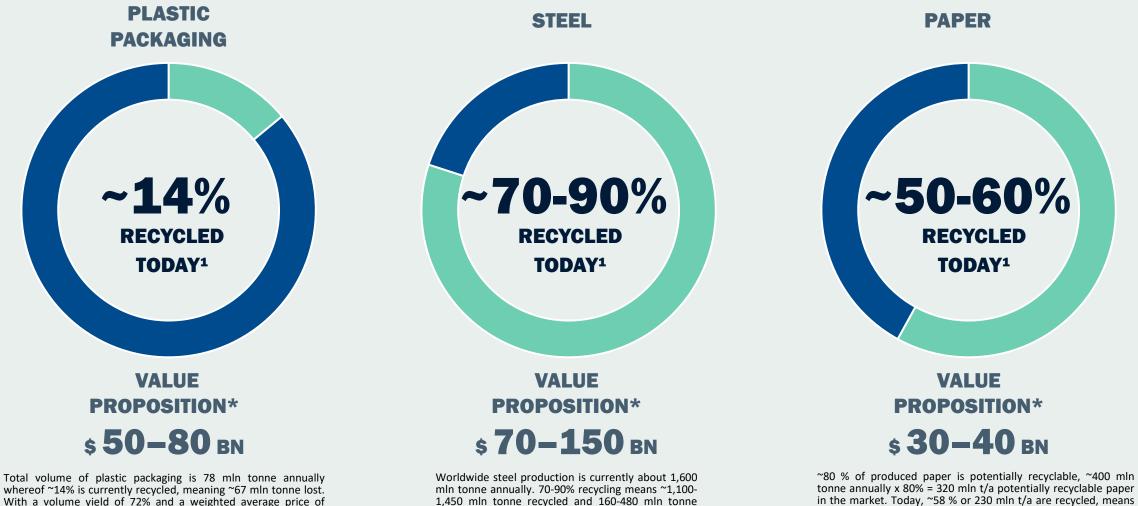
## **DID YOU KNOW?**

- 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

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



# Significant untapped potential in reusing materials



lost. Assuming ~90% yield in process with market

price of ~500 USD/t equals USD 70-220 bn, so

conservative range USD 70-150 bn

With a volume yield of 72% and a weighted average price of 1,100–1,600 USD/t, the total value proposition is in the range of USD 50-80 bn. Please note that this is a conservative estimate based on a narrow definition of total annual plastic packaging volume. Applying a wider definition can increase the value proposition up to USD 170-190 bn.

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90 mln tonnes are lost. If this is recovered and goes into the

paper recycling process there will be between 10-30% fiber loss.

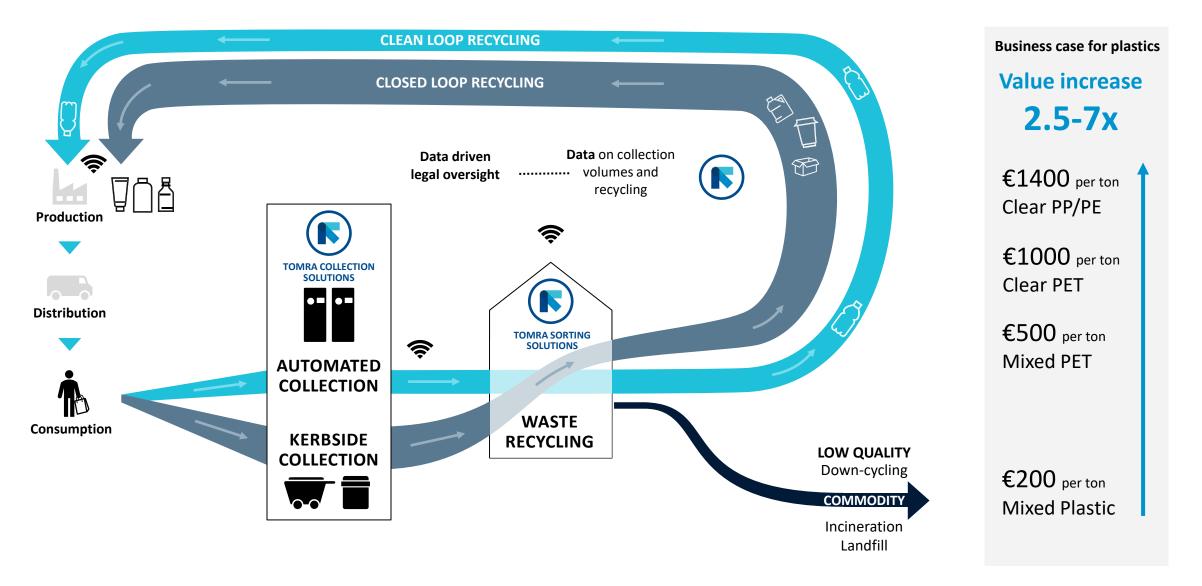
assuming on average 20%. The value of newsprint paper is ~400-

600 USD/t. let's assume 500 USD/t = ~90 mln t/a x 80% x 500

USD/t = USD36 bn



# Circular economy – redefining value creation



**TOMRA** 

## **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...

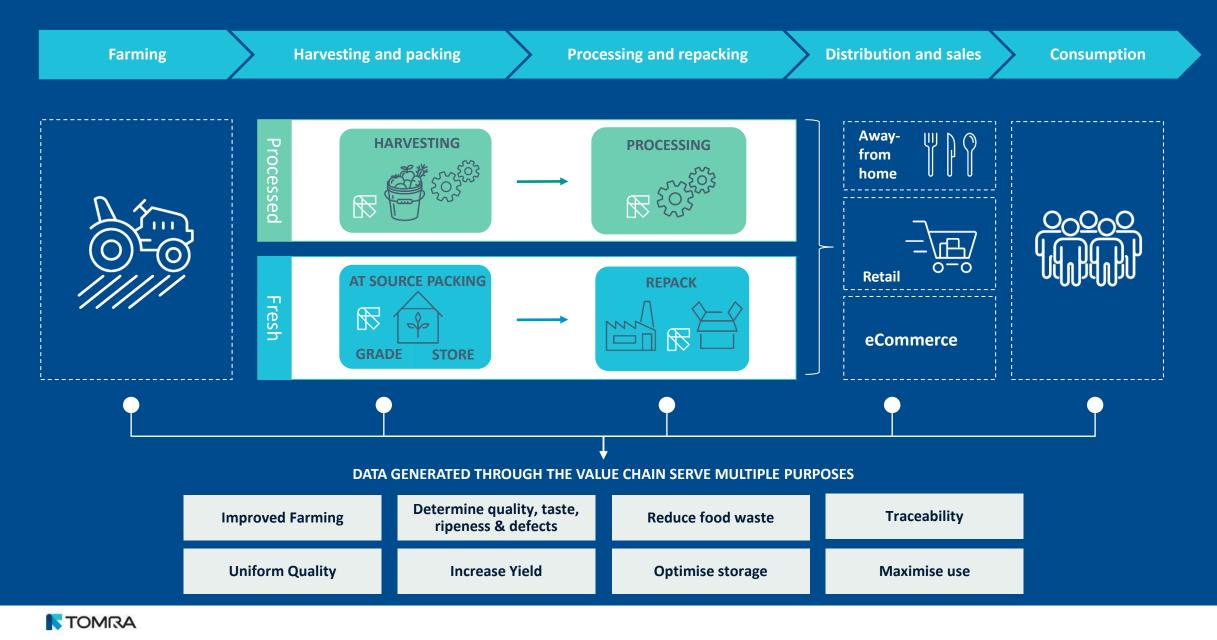
## ...AUTOMATE...CONTROL...AND INNOVATE





TOMRA

## TOMRA plays an integral part in the food value chain



# 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.

# Some of the biggest global challenges are TOMRA's business opportunities

### Message from the CEO

#### «Putting clarity into circularity»

Sustainability has been at the heart of TOMRA's business model for almost five decades. TOMRA's mission is to create sensor-based solutions for optimal resource productivity so that its products and services contribute to better use of the world's limited resources.

As a company we are committed to "walking the talk". That means doing what we can to ensure sustainable business operations and manage relevant social and environmental risks and opportunities along the company value chain.

TOMRA has a clear vision for building a circular economy to help industry transition towards circular business models and set clear ambitious targets to increase global recycling rates.



Stansband

Stefan Ranstrand President and CEO Tomra Group

#### **TOMRA's contribution to the UN Sustainable Development Goals**

14 .....

10

111

13 .....

Other SDGs where TOMRA delivers positive Impact through our products and services include:

#### SDG 11:

Sorting solutions for sustainable waste management.

#### SDG 9:

Technology Innovations for resource productivity.

#### SDG 14:

Closing the tap on land for plastic pollution through collection systems and closed loop recycling.

#### SDG 2:

Food sorting solutions that Increase agricultural vield and reduce food loss along production and supply chains.

#### SDG 13:

Avoiding carbon emissions from both material production and waste management through collection and sorting solutions for recycling.

SDG 12 – Sustainable consumption and production – aims at "doing more and better with less." TOMRA's vision of "leading the resource revolution" and our mission "to create sensor-based solutions for optimal resource productivity," fit squarely within this agenda. All our business units deliver positive impact on several of the SDG 12 sub-targets, including: Sustainably manage 12 terretation terretation terretations natural resources. reduce food waste and food loss, prevent and reduce waste through recycling and reuse, partnerships and education for sustainable development and lifestyles in harmony with nature.

SDGs 5, 8 and 17 are supporting, crosscutting goals where we strive to have a positive impact through the way that we work. At TOMRA, we consider delivering on these SDGs as part of our "license to operate."

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S statement

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# 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**.



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



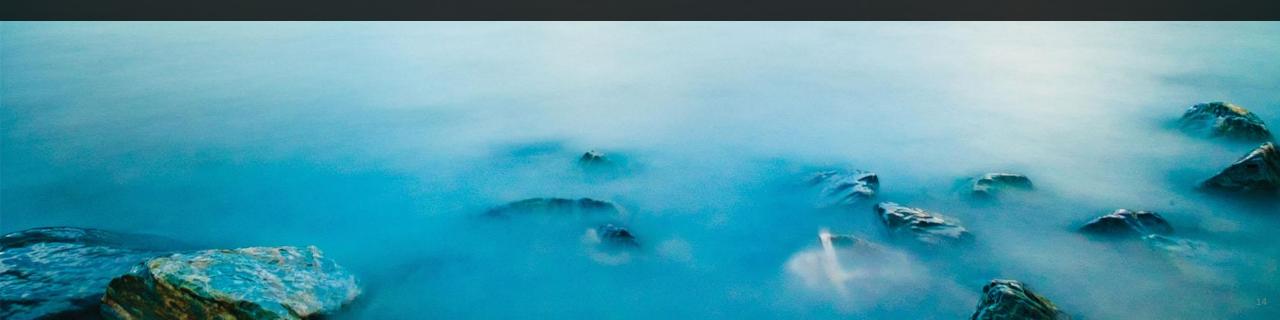
TOMRA commits to operate responsibly to minimize any negative sustainability impacts, internalizing social and environmental considerations in the way that we do business



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

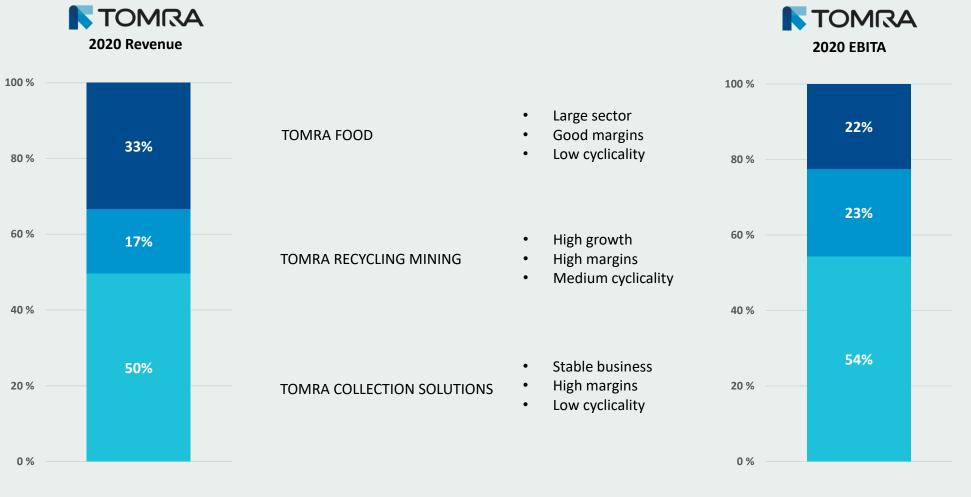


# TOMRA AT A GLANCE





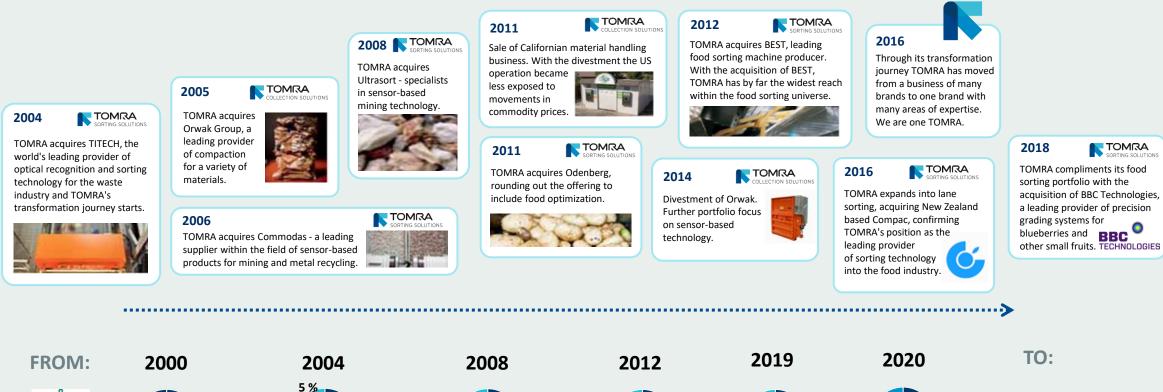
## Creating value through three strong business areas



■ Food ■ Recycling Mining ■ Collection

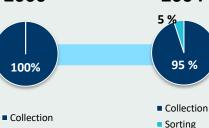
■ Food ■ Recycling Mining ■ Collection

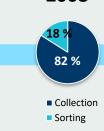
## The TOMRA transformation journey

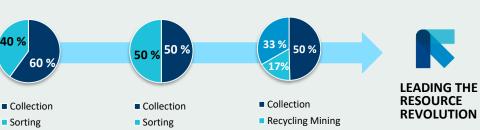


Helping the world recycle

**•** C



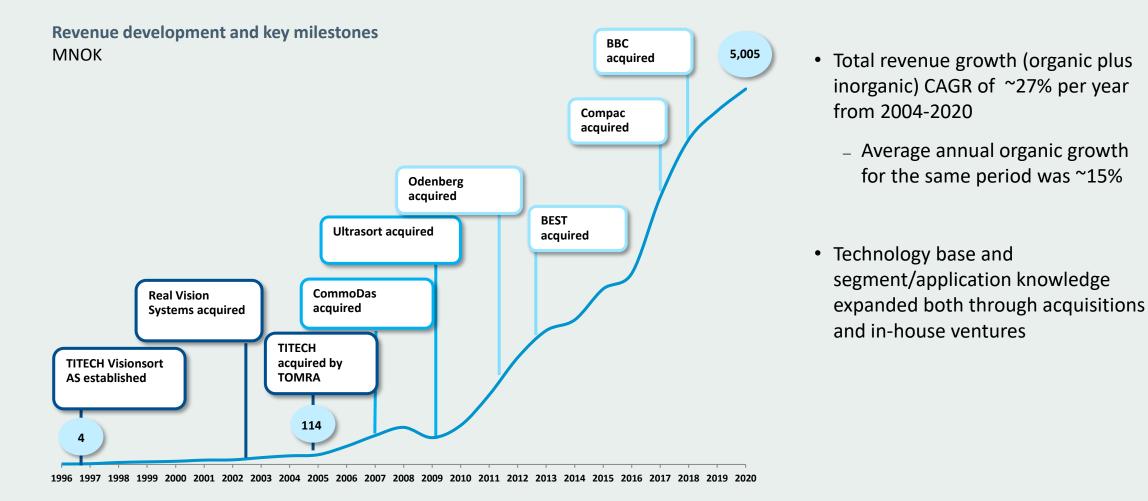




Food

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## Strong revenue growth in Recycling, Mining and Food

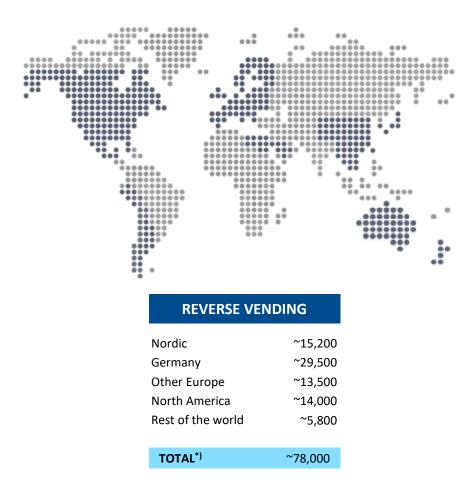


## TOMRA's three business areas

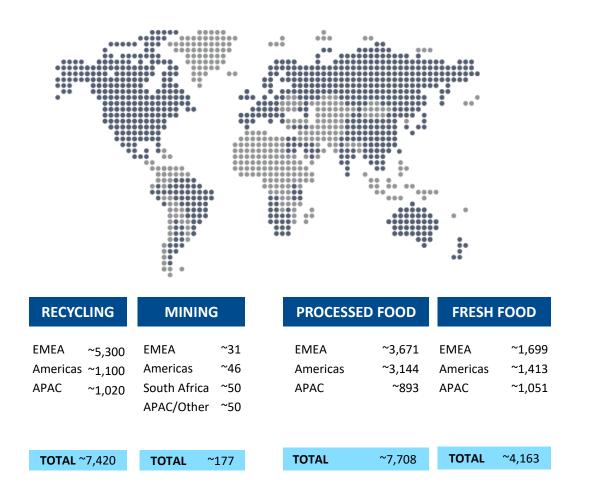
	TOMRA COLLECTION SOLUTIONS	TOMRA RECYCLING MINING	TOMRA FOOD
	REVERSE VENDING	RECYCLING	PROCESSED FOOD
Share of '20 sales	~40%	~14%	~19%
Employees	1,705	487	800
Customers	Grocery retailers	Material recovery plants, scrap dealers, metal shredder operators	Food growers, packers and processors
Market share	Over 70%	~55-60%	~30%
	MATERIAL RECOVERY	MINING	FRESH FOOD
Share of '20 sales	~10%	~3%	~14%
Employees	599	78	611
Customers	Grocery retailers and beverage manufacturers	Mining companies	Food growers, packers and processors
Market share	~60% in USA (markets served)	~40-50%	~25%
Market share	~60% in USA (markets served)	~40-50%	~25%
Market share	~60% in USA (markets served) TOMRA GROUP FUNCTIONS	~40-50%	~25%

## Installed base worldwide

#### **TOMRA COLLECTION SOLUTIONS**

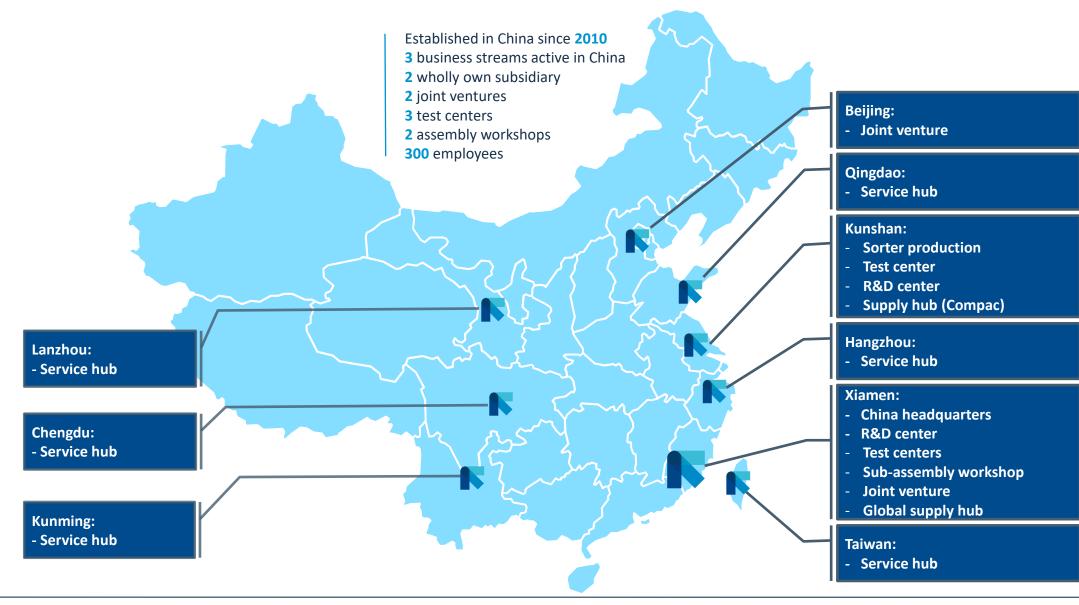


#### TOMRA RECYCLING MINING AND FOOD



\*) Methodology change for 2020. Comparable figures for 2019 are ~77 500 RVM total, of which 15 100 Nordic, 29 300 Germany, 13 200 Other Europe, 14 200 North America and 5 700 in rest of the world.

## Strengthened presence in China





## TOMRA COLLECTION SOLUTIONS



## **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
- More than 40bn 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

THE EU PLASTICS

STRATEGY



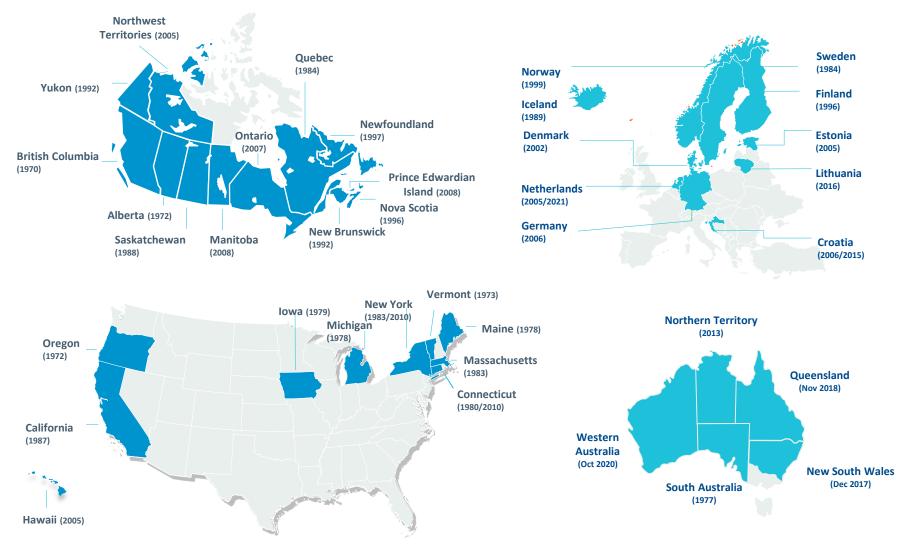
**Consumer** demand for responsible plastic use options **Legislative** push for new plastic waste strategies



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

North America: Possible expansion of existing deposit systems Scotland: Container deposit scheme planned to start July 2022

England: Consultation ongoing for a deposit scheme anticipated to be implemented in 2024. Latvia: Deposit Return System to be implemented February 2022

> Slovakia: Deposit Return System to be implemented January 2022

> > <u>Australia:</u>

NSW introduced deposit from December 2017 QLD introduced deposit from November 2018 WA introduced deposit from October 2020

> Victoria: Deposit Return System to be implemented in 2023

#### **Collection target** for plastic bottles:

- 77% by 2025
- 90% by 2029

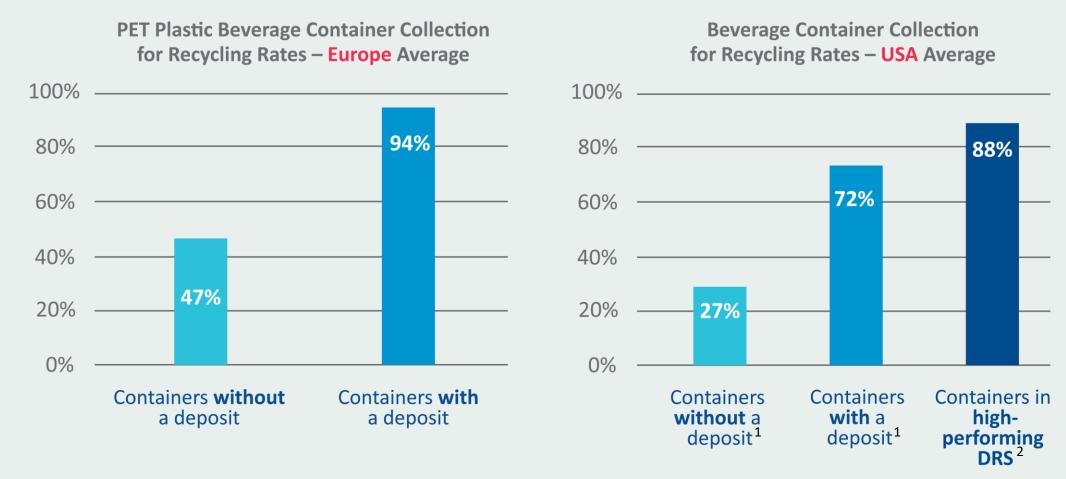
**Recycled content** in product design:

- 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.



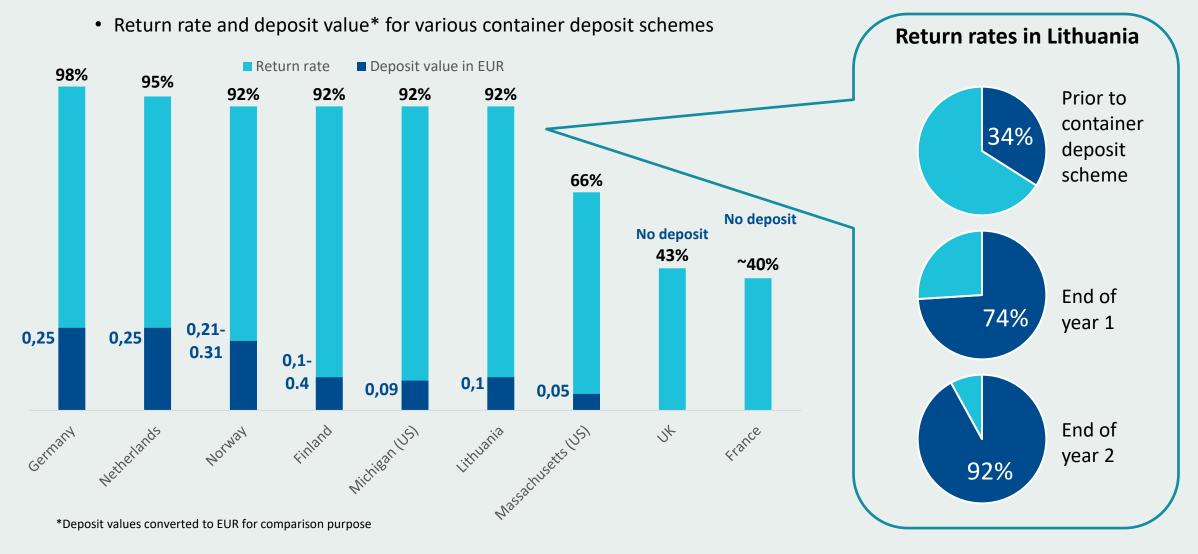
# Deposit return systems are extremely effective at capturing items for recycling



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

<sup>1</sup> Aluminum, Glass, Plastic.. "Beverage Market Data Analysis 2017," Container Recycling Institute. 2020. <sup>2</sup> Michigan and Oregon. Bottlebill.org. 2021

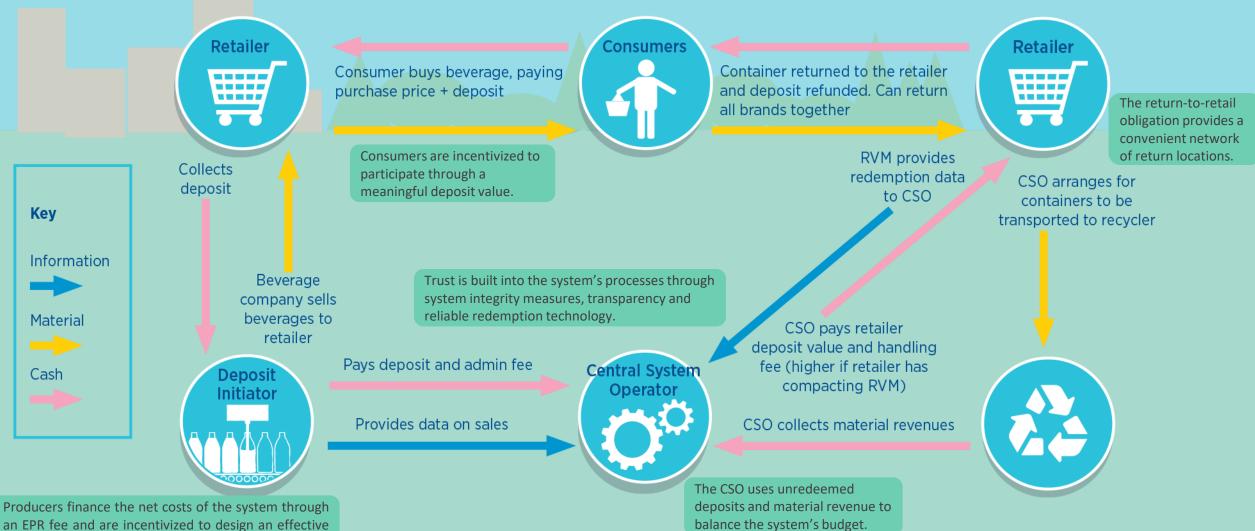
# High collection rates achieved in two years' time



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## The centralized DRS model: How it works

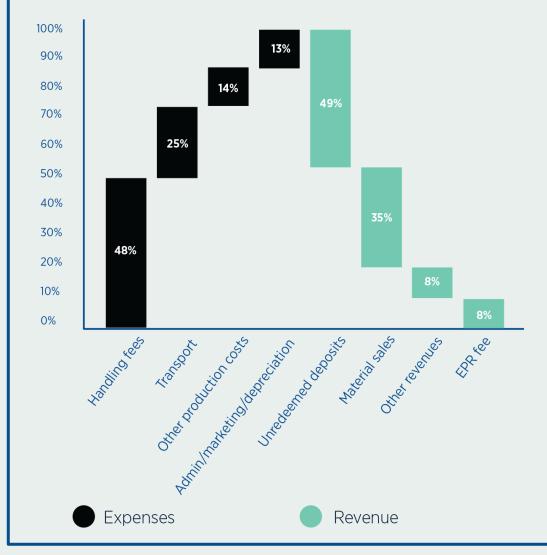


system for reaching the legislated return-rate target.

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



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

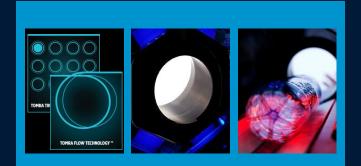


**User communication** 



Sorting & processing





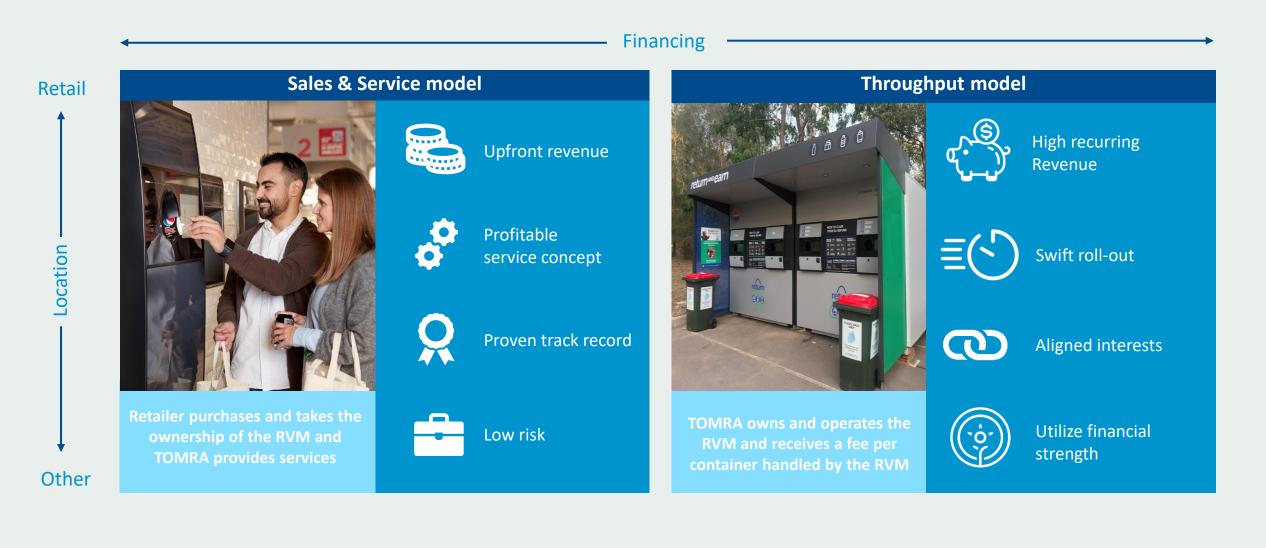
**Recognition system** 



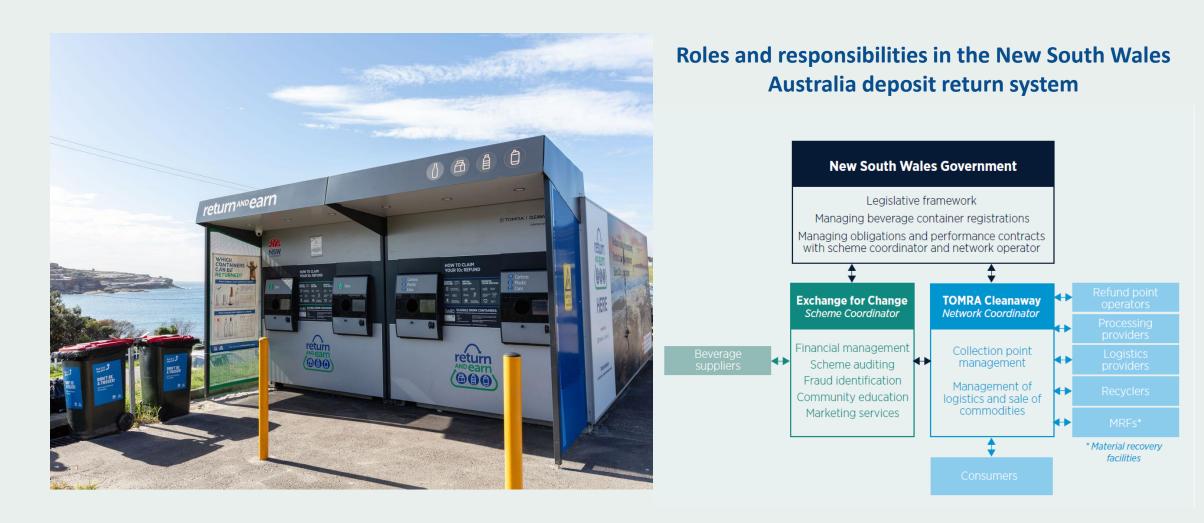
Data administration



# Business model expertise across deposit systems

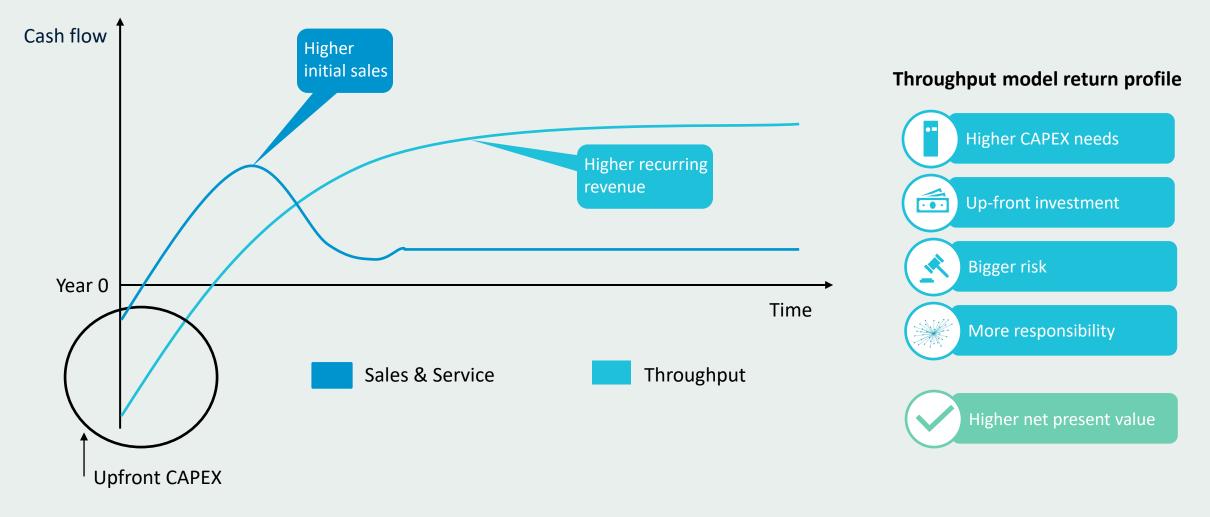


# A "split-responsibility" model is when a network operator provides redemption points and ensures recycling



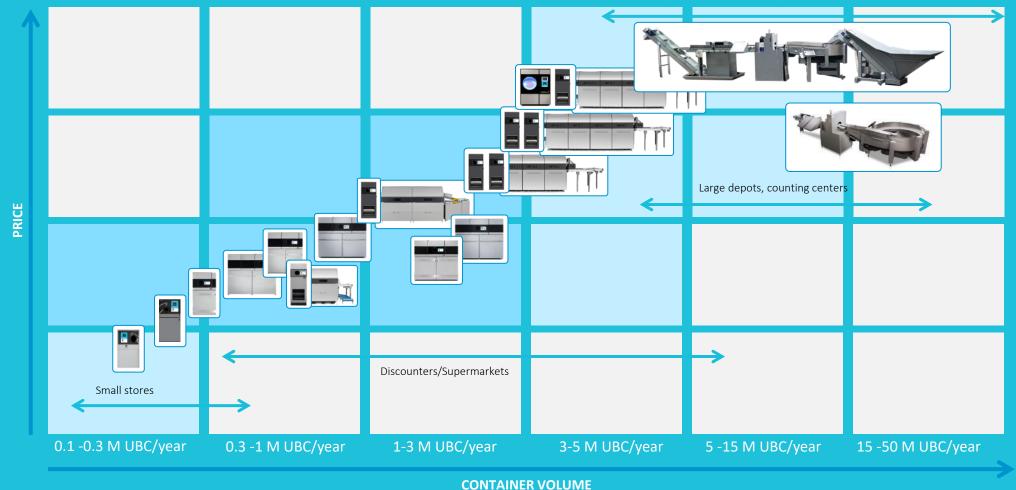
# Cash flow profiles of the two business models

#### Illustrative cash flow profiles per machine





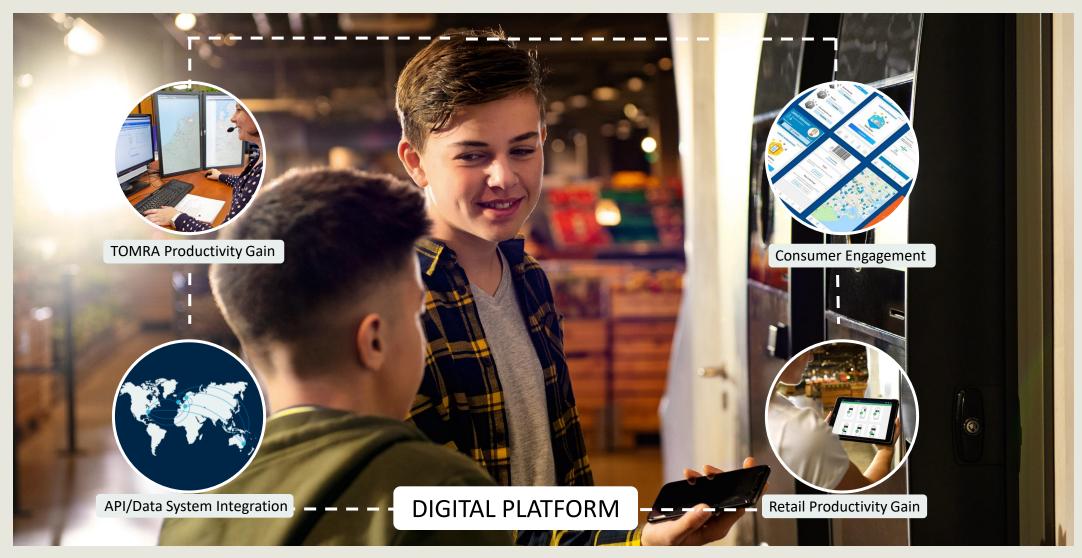
# Flexibility and scalability to enable new business models and new market entry



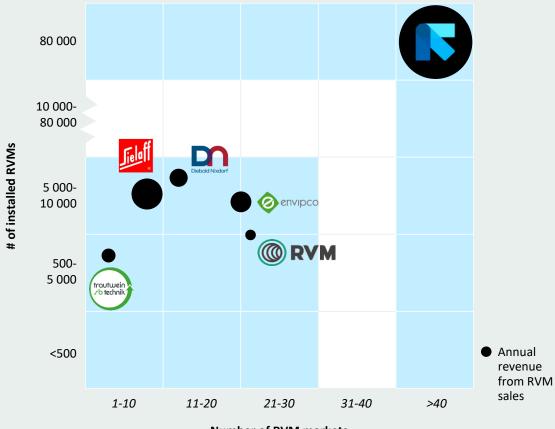
Redemption centers, small depots et



# Advanced digital platform leveraged across stakeholder groups



# Market leader in reverse vending solutions



Number of RVM markets

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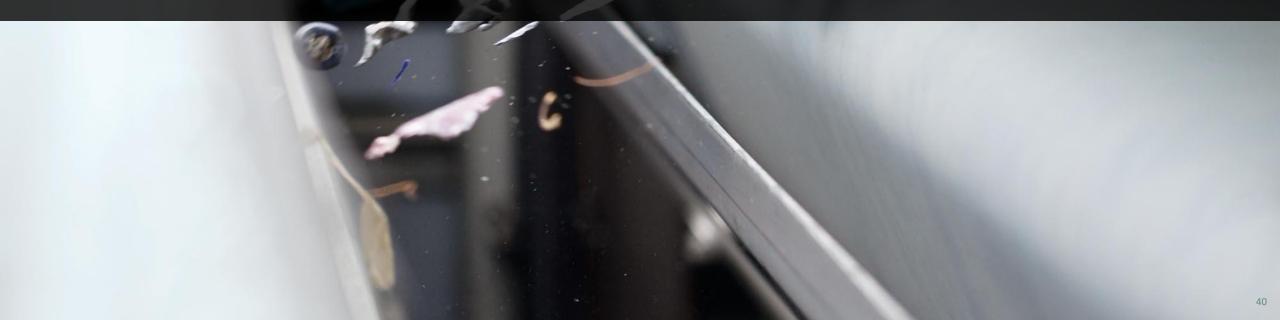




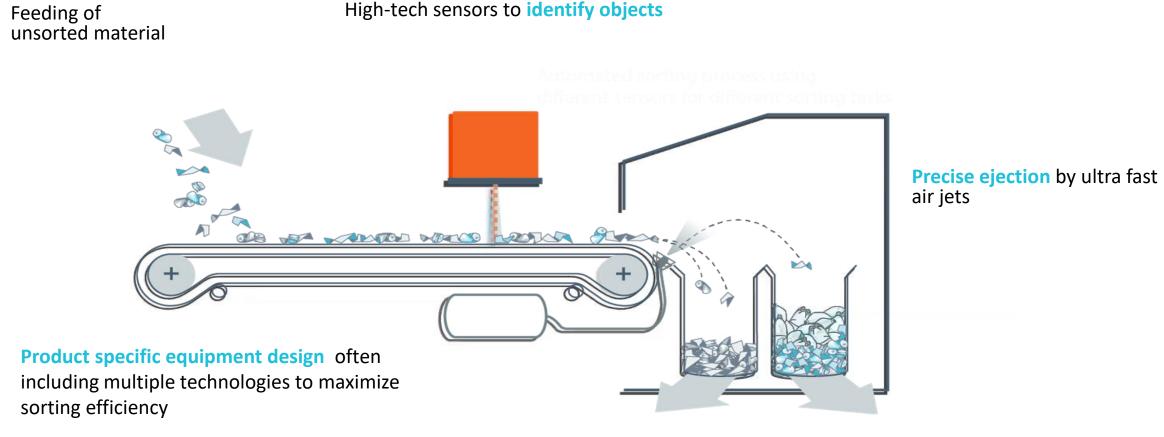
Source: TOMRA estimates and analysis



# TOMRA RECYCLING MINING

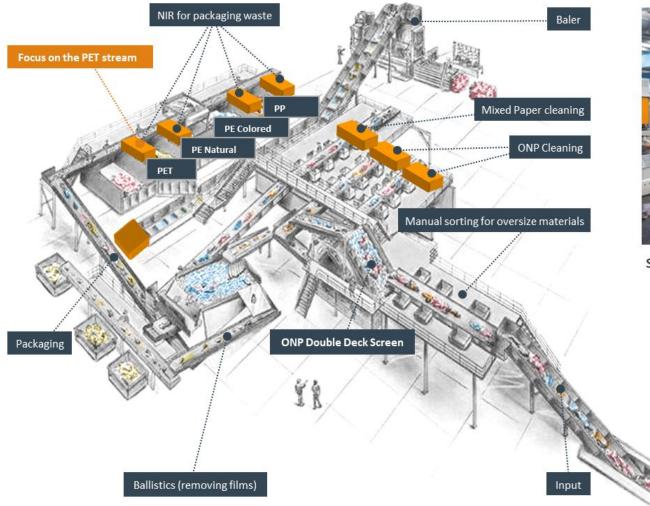


### How does sensor-based separation work?



High-speed processing of information (material, shape, size, color, defect, damage and location of objects)

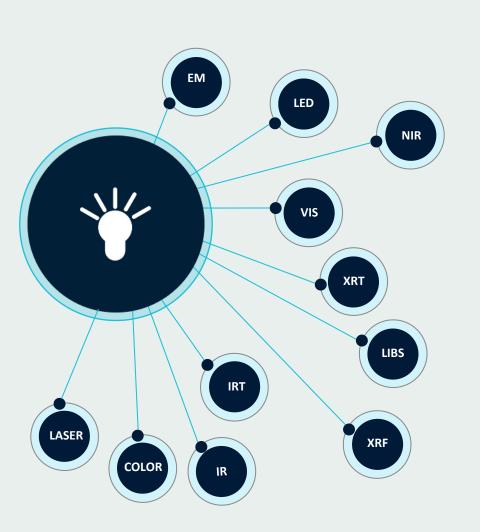
### Automation with TOMRA Sorting units





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

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### Recycling: applications and sensor technology

#### MUNICIPAL SOLID WASTE



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

NIR, VIS, XRT, LASER

#### POST-SHREDDER



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

NIR, VIS, XRT, XRF, EM, COLOR

#### PACKAGING



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

NIR, VIS, EM

#### ELECTRONIC SCRAP



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

XRT, XRF, EM, NIR, COLOR

#### **UPGRADING PLASTICS**



PET, PE, PP, flakes

NIR, VIS, EM

#### PAPER



Deinking, cardboard, carton

NIR, VIS, EM

### Mining: applications and sensor technology

#### **INDUSTRIAL MINERALS**



Phosphate-silica removal, limestone-silica removal, quartz upgrade, MgO<sub>2</sub>-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

#### FUEL



Coal waste dumps

XRT

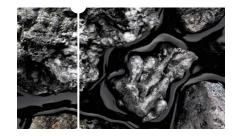
#### FERROUS METALS



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

XRT, EM, NIR

#### SLAG



Stainless steel slag, ferro silica slag, ferro chrome slag

XRT, EM

### 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 Recycling, Mining and Food



### Reduce Downtime

Receiving and continuously analyzing production data allows to identify potential root causes of unplanned stops and optimize maintenance efforts to minimize downtime of the equipment and process.

### Maximize Throughput

Evaluating machine performance and product or material distributions on the machine or across the process leads to optimizations of the overall process and the possibility to maximize the throughput.

### SECURE ACCESS TO INFORMATION

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### UNLOCKS NEW OPPORTUNITIES

Simplifying data acquisition, optimizing spare part ordering, or accessing documentation online and by that being able to access the required information when and where needed will help to reduce operational cost.

Reduce Operational Cost



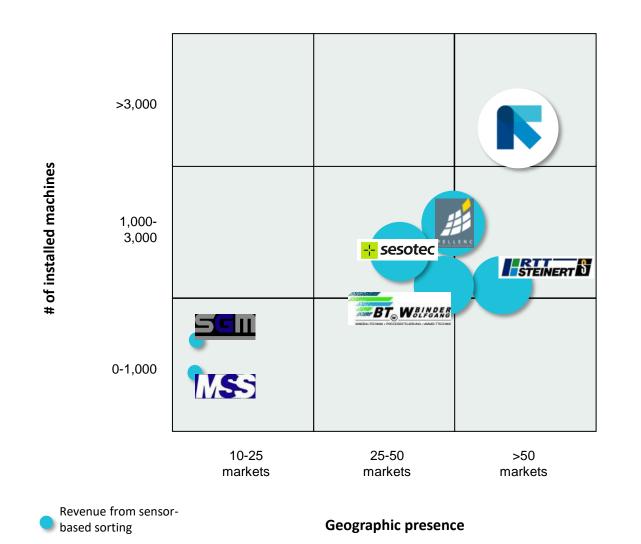


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Continuously accessing product or material compositions and data related to the respective quality across the process or plants enables fact-based decision making to react faster and thereby improve product quality.

> Sort to Target Quality

# Recycling: competitive landscape

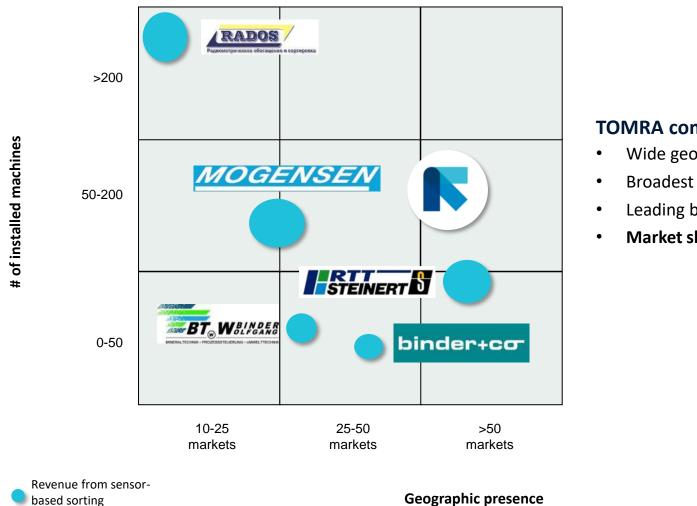


### TOMRA competitive positioning

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

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# 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

SORTING SOLUTIONS RECYCLING

# 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

			Description	Targets and measures	
	Was Frame Direct	work	• 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> <li>A common EU target for recycling 60% of municipal waste by 2030</li> <li>A common EU target for recycling 70% of all packaging waste by 2030</li> </ul>	
ECONOMY PACKAGE	Packagir Packaging Direct	g Waste	<ul> <li>Rules on the production, marketing, use, recycling and refilling of containers of liquids for human consumption and on the disposal of used containers</li> <li>2015 revision includes lightweight plastic carrier bags</li> </ul>	<ul> <li>A common EU target for recycling 55% of all plastics by 2030</li> <li>A binding landfill target to reduce landfill to maximum of 10% of</li> </ul>	MELL AND ELECTROPIC COUPME
AR ECONON	Waste Ele and Elec Equipn (WEEE) D	tronic nent	<ul> <li>Collection, recycling and recovery targets for all types of electrical goods</li> <li>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</li> </ul>	<ul> <li>municipal waste by 2030</li> <li>Minimum requirements are established for extended producer responsibility schemes</li> <li>Simplified and improved definitions</li> </ul>	
2018 CIRCULAR	Land Direct		<ul> <li>The objective of the Directive is to prevent or reduce as far as possible negative effects on the environment from the landfilling of waste</li> <li>In particular: impact on surface water, groundwater, soil, air, and on human health by introducing stringent technical requirements for waste and landfills.</li> </ul>	<ul> <li>Simplified and improved definitions and harmonized calculation methods for recycling rates</li> <li>Concrete measures to promote re- use and stimulate industrial symbiosis</li> </ul>	
	End of Vehi (ELV) Dir	cle	<ul> <li>Aims at reduction of waste arising from end-of-life vehicles</li> <li>The scope of the directive is limited to passenger cars and light commercial vehicles</li> </ul>	• Economic incentives for producers to put greener products on the market and support recovery and recycling schemes	

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...and a market pull



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

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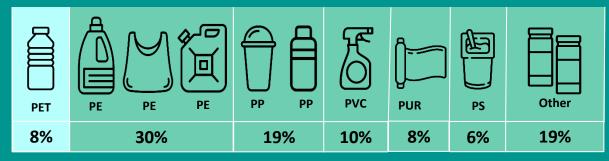
# Circular Economy – Innovating through collaboration



TOMRA and Borealis, in collaboration with Zimmerman, 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 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



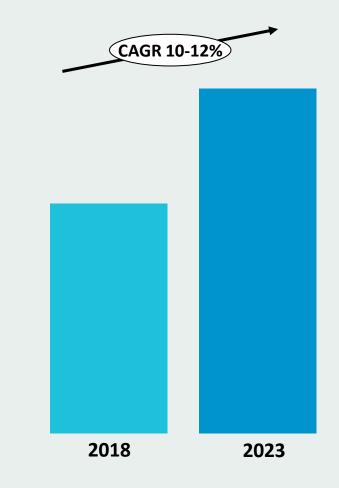
# Recycling: market growth expectations

### MARKET DEFINITION RECYLING

### Sensor-based sorting equipment

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

AFFECTING	G FACTORS
Tightening regulation	Access to capital
Consumer awareness	Commodity price fluctuations
Political instability (emerging markets)	Emerging countries ban



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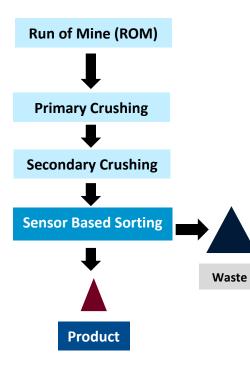
### **INTELLIGENT MINE**

- Mining is an old industry. But chances are that it will it 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

SORTING SOLUTIONS

# The concept of sensor-based sorting in mining

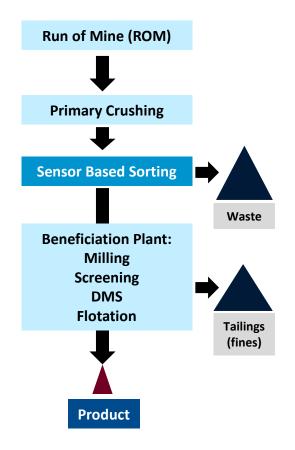
Mining process: Industrial minerals





- 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

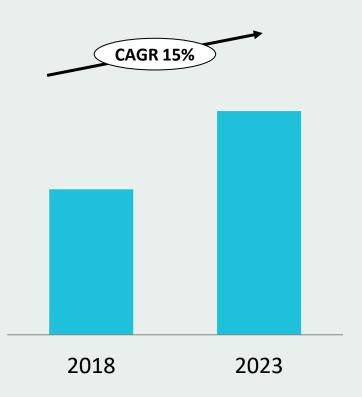


**Current segment** 

Potential new segment

# Mining: market growth expectations

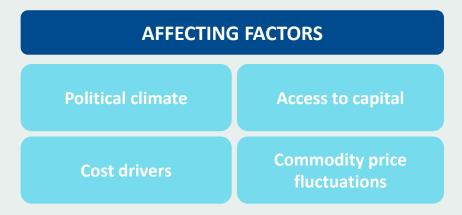
### Total annual market size



### MARKET DEFINITION MINING

### Sensor-based sorting equipment

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







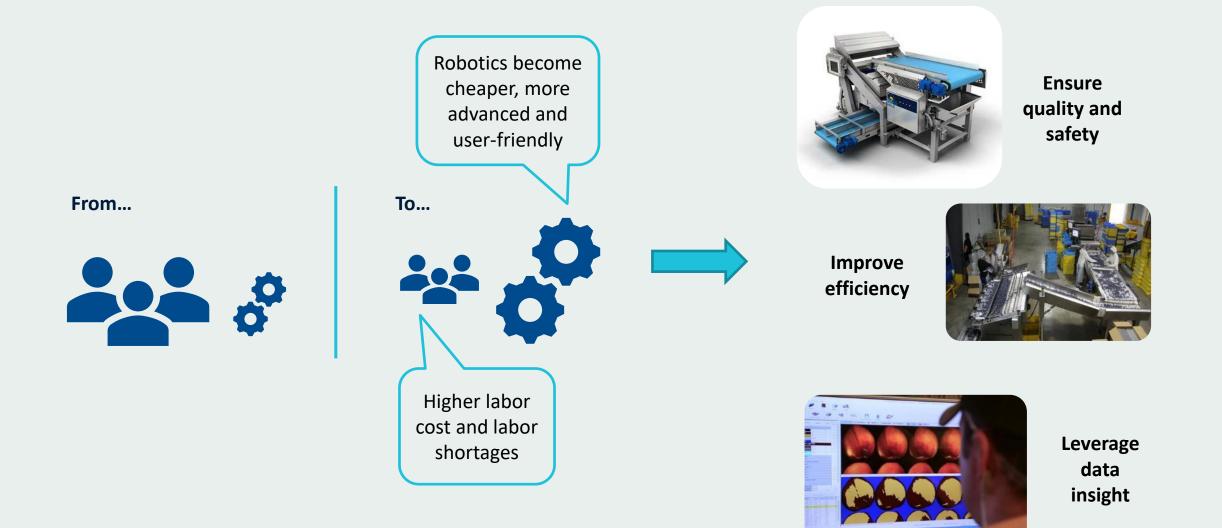
# TOMRA FOOD



# FOOD FOR THOUGHT

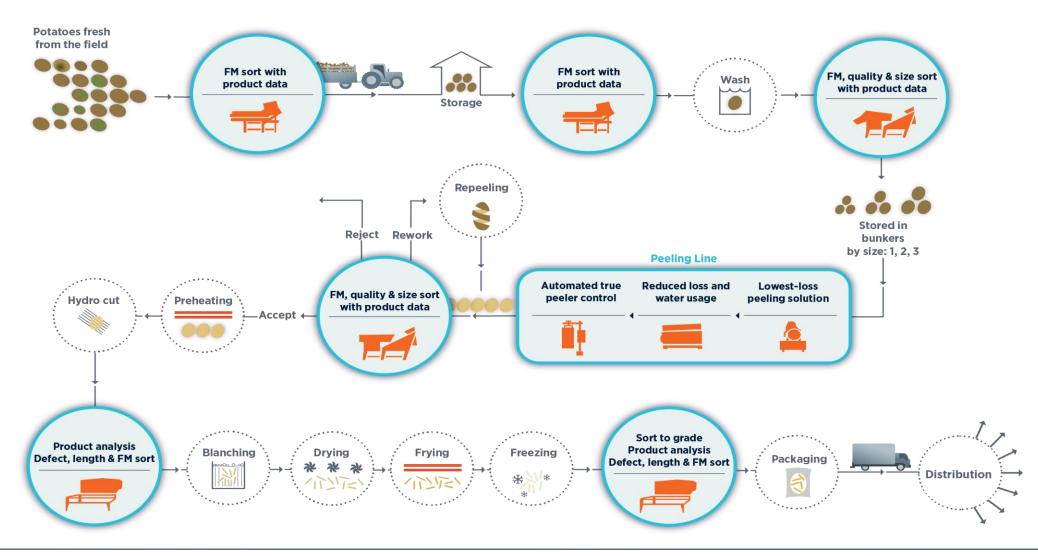
- We will need more food in the next 40 years than all the harvests in history combined
- But farmland is constant at best
- The food you eat will have travelled more than you have

# Automation continues on a strong growth trajectory



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# Creating value in various parts of the food process



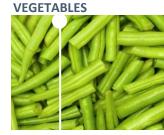
### Food: applications and sensor technology

#### **POTATOES**



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

LASER, CAMERA, BSI, PULSED LED



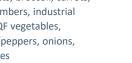
corn, cucumbers, industrial spinach, IQF vegetables, jalapenos/peppers, onions, peas, pickles

LASER, CAMERA, BSI, PULSED LED



Beans, beets, broccoli, carrots,







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



Baby leaves, iceberg lettuce, spinach, spring mix

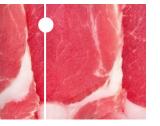
LASER, CAMERA



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



Gummies, Tobacco

LASER, CAMERA

# Our products are detecting a wide range of parameters

**Biometric Characteristics** 

removal of mycotoxin contaminations

Sort based on water content and

Removal of foreign material in a

material stream, e.g. insects, worms,

snails or plastics in food applications



Color Removal of discolorations in monoand 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

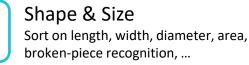


Damage Broken, split and damaged objects are detected and removed



Invisible





**Foreign Material** 



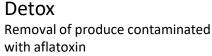


### Fluo Based on the chlorophyll level present in produce defects are removed

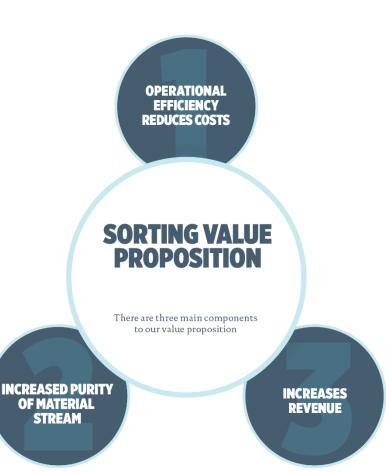
### X-RAY



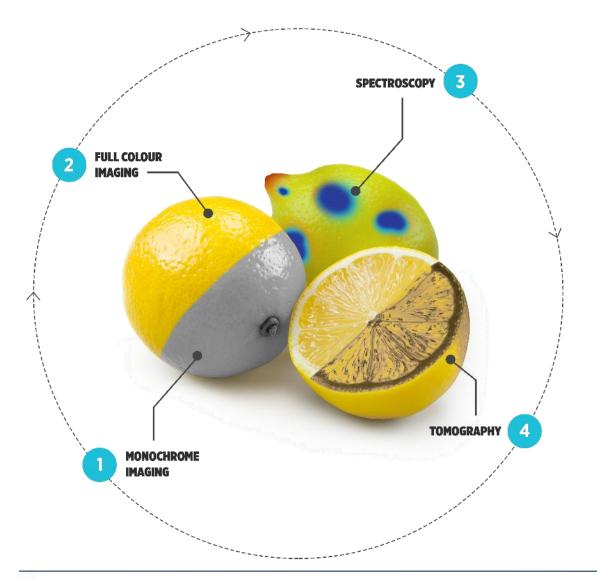
Analysis of objects based on their density and shape







## New sensor technologies will unlock new opportunities...



• From measuring visual appearance...



**TOMRA** 

# Top Food Categories





# Three ways of sorting within the Food segment

Chute or Channel sorter

Free fall (Channel / Ch	ute)
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%

Approx. 20%

	3
<ol> <li>Infeed shaker or hopper (unsorted)</li> <li>BSI module</li> <li>Lasers</li> </ol>	
<ul><li>4 Precise air guns</li><li>5 Accept/ reject</li></ul>	
On belt inspection	



<sup>5</sup> Accept/ reject



Lane grading

....

Lane

Application

Sensor tech.

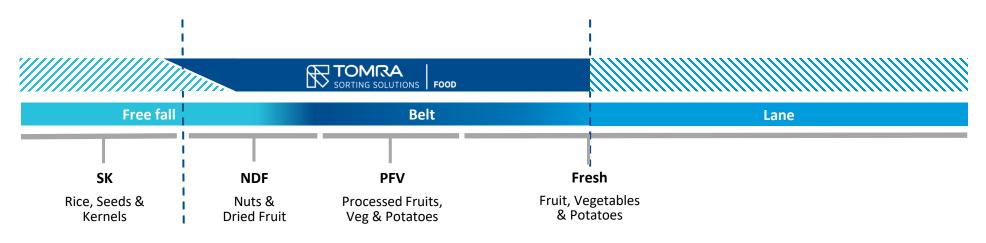
**Revenue share** 

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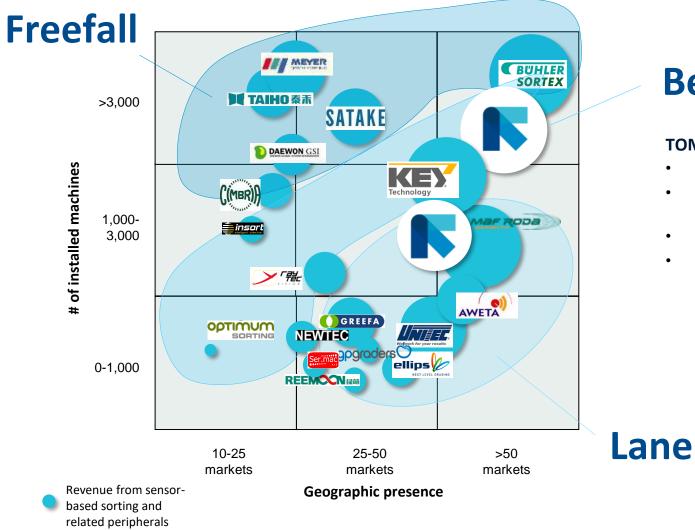
# TOMRA has established the broadest footprint within food sorting





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## Food competitive landscape

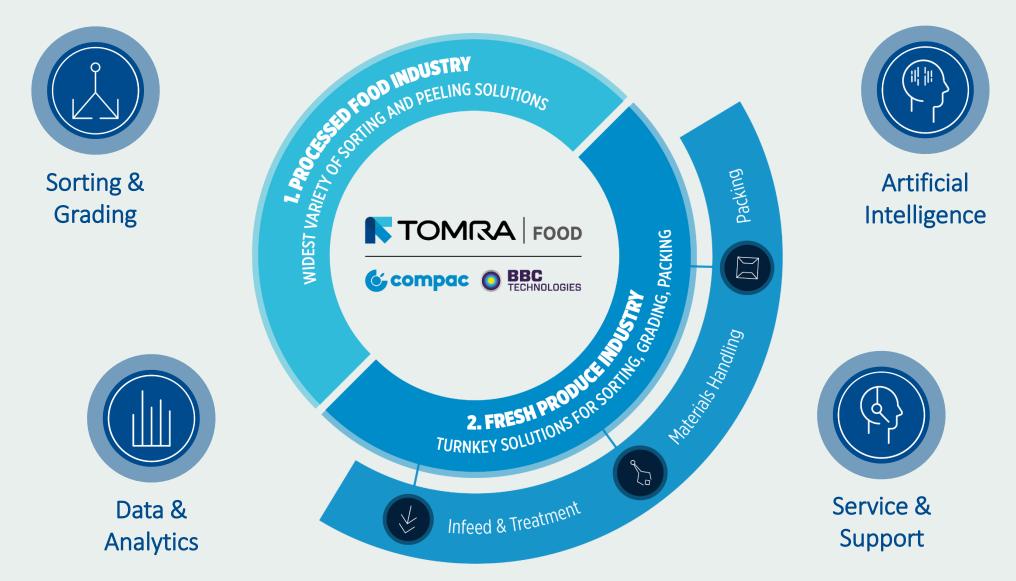


### Belt

### **TOMRA** competitive positioning

- Size (revenues)
- Widest range of applications (150+)
- Broadest technology base
- Geographic reach (~80 countries)

# Global Leader



# Our food sorting customers

### PROCESSED FOOD INDUSTRY

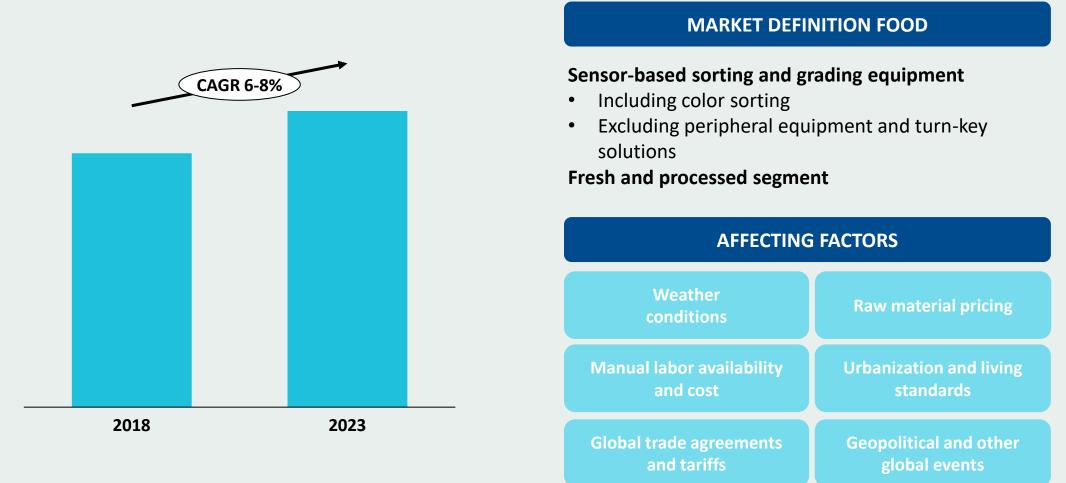
### FRESH PRODUCE INDUSTRY



# **TOMRA Food Locations**



# Market growth expectations – food



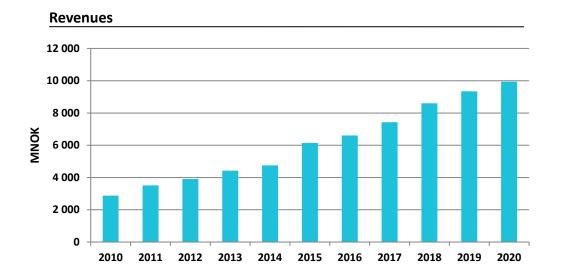
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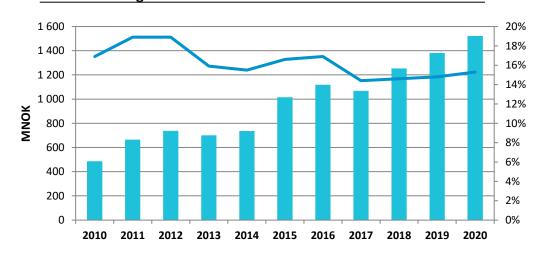
# HISTORICAL GROUP FINANCIALS AND TARGETS

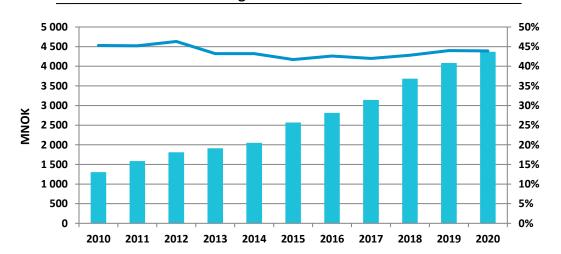


### Group financials development – solid track record



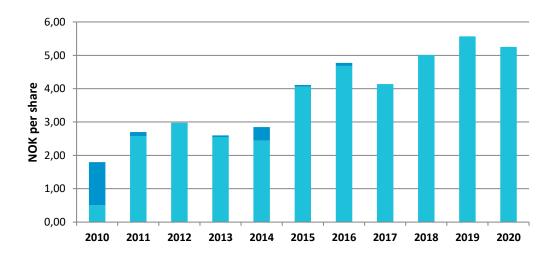
**EBITA and margin** 



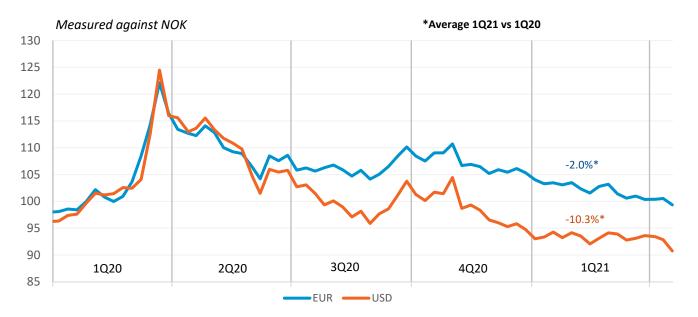


#### Gross contribution and margin





# Currency risk and hedging policy



### **Revenues and expenses per currency:**

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

### Assets and liabilities per currency:

	EUR <sup>1</sup>	USD	NOK	OTHER <sup>2</sup>	TOTAL
Assets	45 %	15 %	10 %	30 %	100 %
Liabilities	55 %	15 %	10 %	20 %	100 %
<sup>1</sup> EUR includes DKK	<sup>2</sup> Most impor	tant: AUD, NZD, RMB, C	AD, SEK, GBP and JPY	NOTE: Estimat	ed and rounded figures

NOTE: Estimated and rounded figures

### 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**	2.0%	3.0%	-4.0%
ALL	10.0%	9.5%	11.0%

### **HEDGING POLICY**

### CASHFLOW AND P/L

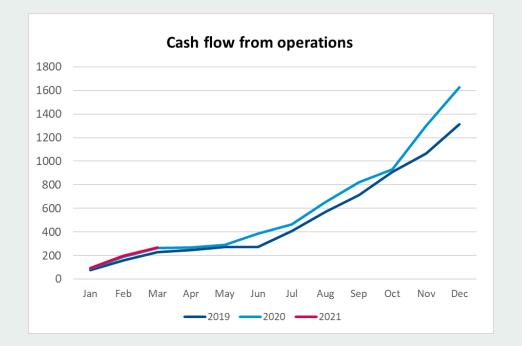
TOMRA can hedge up to one year of future • predicted cash flows. Gains and losses on these hedges are recorded at the finance line, not influencing EBITA

### 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 N	larch	31 Dec
Amounts in NOK million	2021	2020	2020
ASSETS	10,806	12,250	10,977
Intangible non-current assets	3,737	4,226	3,846
Tangible non-current assets	2,263	2,638	2,371
Financial non-current assets	362	463	353
Inventory	1,571	1,943	1,492
Receivables	2,419	2,536	2,383
Cash and cash equivalents	454	444	532
LIABILITIES AND EQUITY	10,806	12,250	10,977
Equity	5,568	5,924	5,591
Lease liabilities	1,047	1,260	1,104
Interest-bearing liabilities	1,300	1,939	1,414
Non interest-bearing liabilities	2,891	3,127	2,868



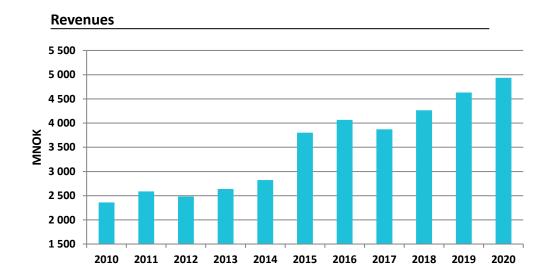
### **Cashflow from operations**

• Cash flow from operations of 269 MNOK in the first quarter 2021 (265 MNOK in first quarter 2020)

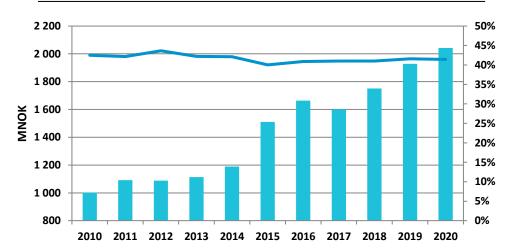
### Solidity and gearing

- 52% equity ratio
- NIBD/EBITDA (Rolling 12 months)
  - 0.5x without IFRS 16 / 0.9x including IFRS 16

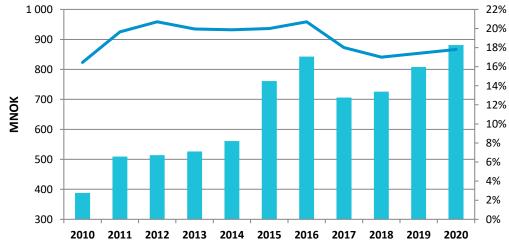
### TOMRA Collection Solutions – segment financials



Gross contribution and margin



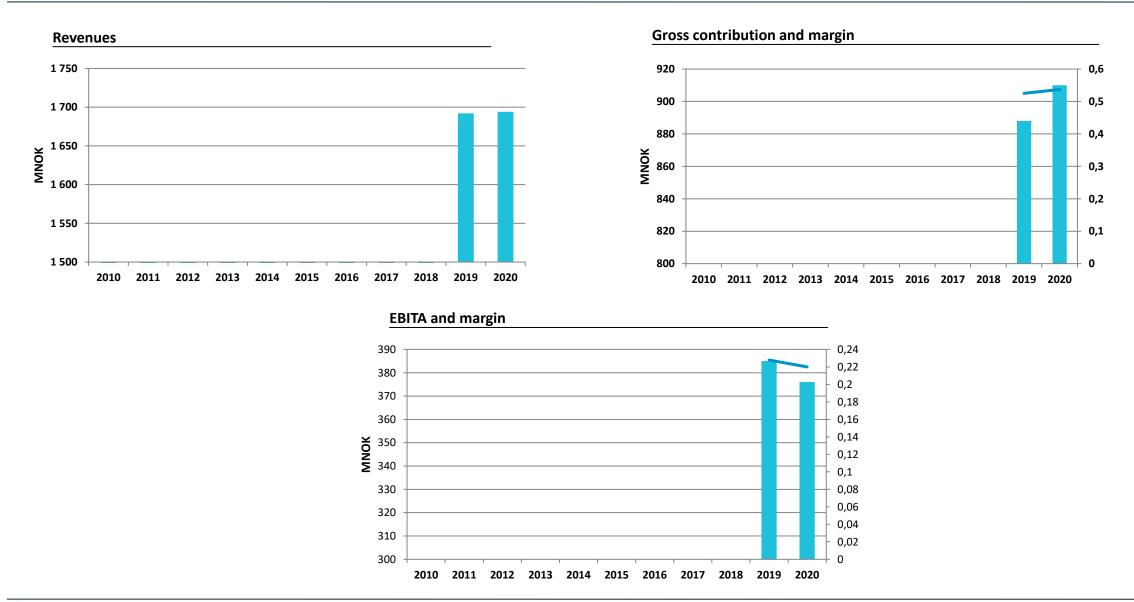




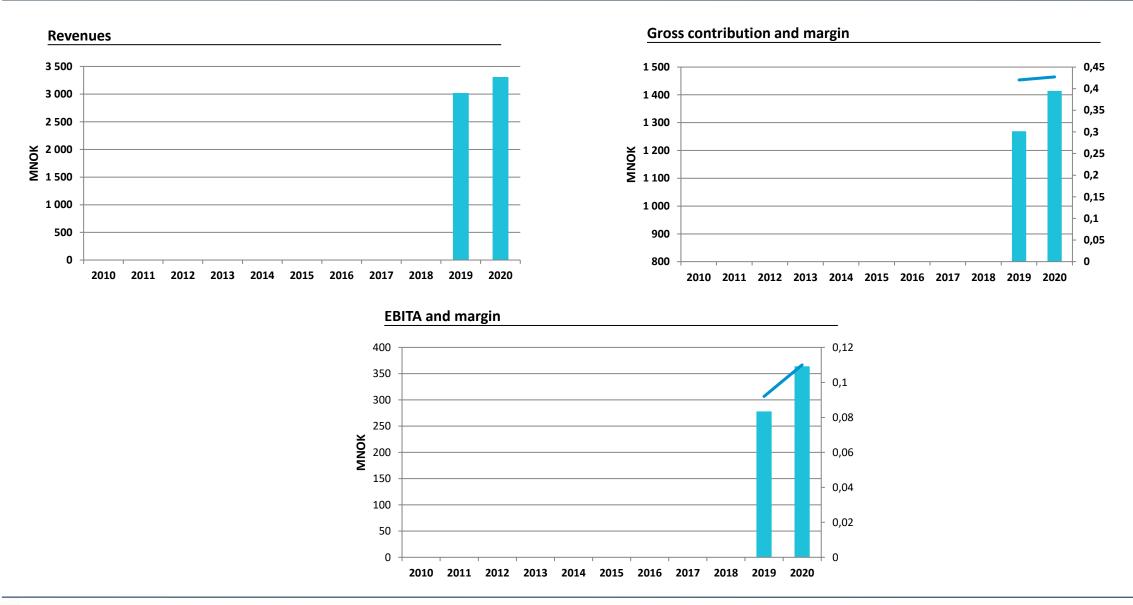
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### TOMRA Recycling Mining – segment financials

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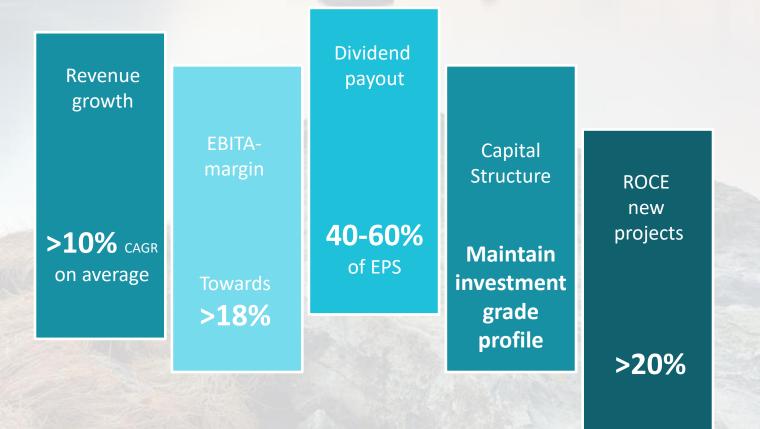


### TOMRA Food – segment financials

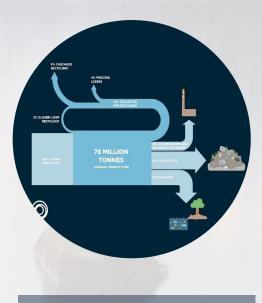




### Our ambitions 2018 - 2023



### **Circular Economy**

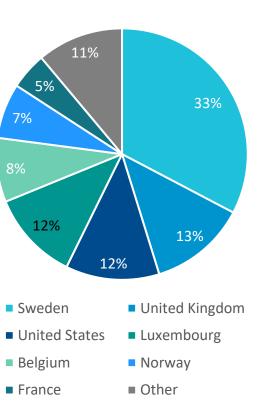


**Future of Food** 



### Shareholder structure

	Top 10 shareholders as of 31 N	March 2021		
1	Investment AB Latour	31 200 000	21,1 %	
2	State Street Bank and Trust Comp	11 706 227	7,9 %	(NOM)
3	The Bank of New York Mellon SA/NV	11 324 308	7,7 %	(NOM)
4	Folketrygdfondet	11 093 198	7,5 %	
5	J.P. Morgan Bank Luxembourg S.A.	6 966 382	4,7 %	(NOM)
6	Clearstream Banking S.A.	6 216 716	4,2 %	(NOM)
7	CACEIS Bank	6 044 197	4,1 %	(NOM)
8	Citibank, N.A.	4 950 907	3,3 %	(NOM)
9	The Bank of New York Mellon	4 743 188	3,2 %	(NOM)
10	JPMorgan Chase Bank, N.A., London	4 616 932	3,1 %	(NOM)
	Sum Top 10	98 862 055	66.8%	
	Other shareholders	49 158 023	33.2%	
	TOTAL (10.833 shareholders)	148 020 078	100.0%	



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