### Bærum Rotary





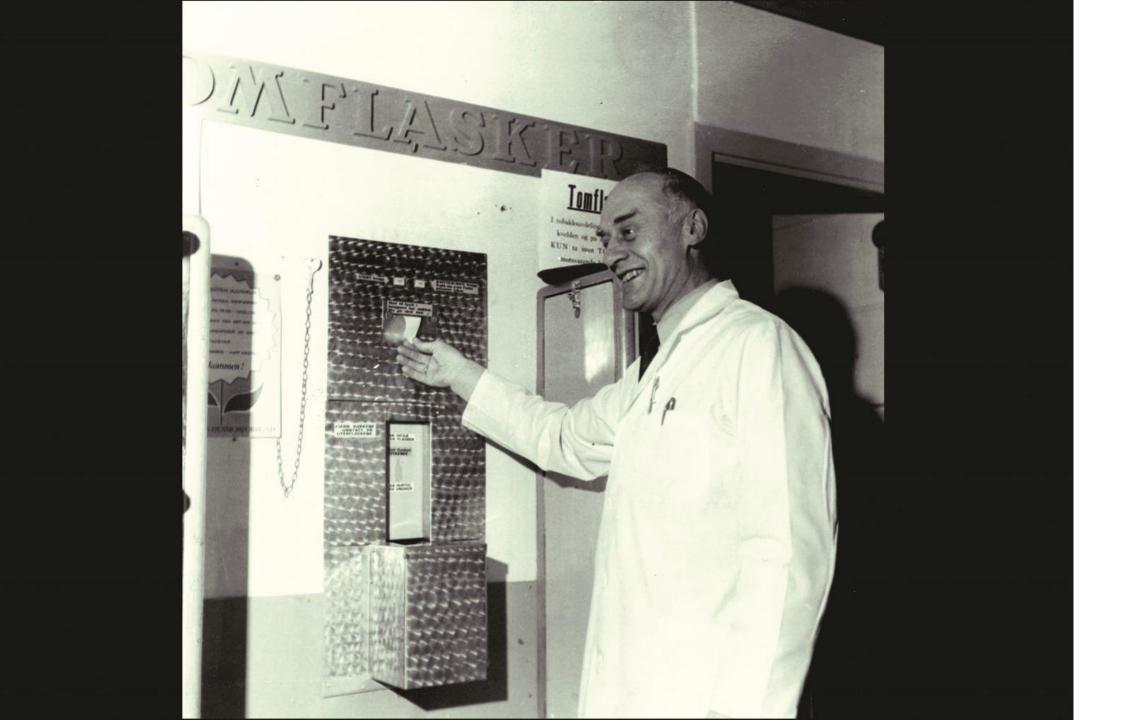
Espen Gundersen 28.03.2022 © TOMRA







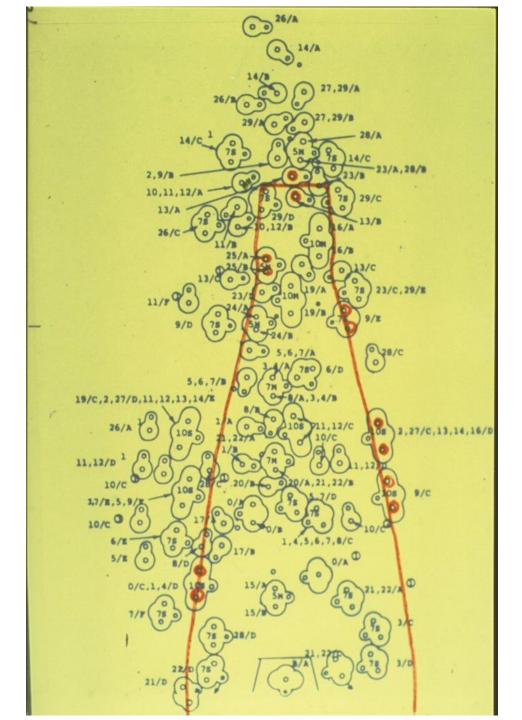




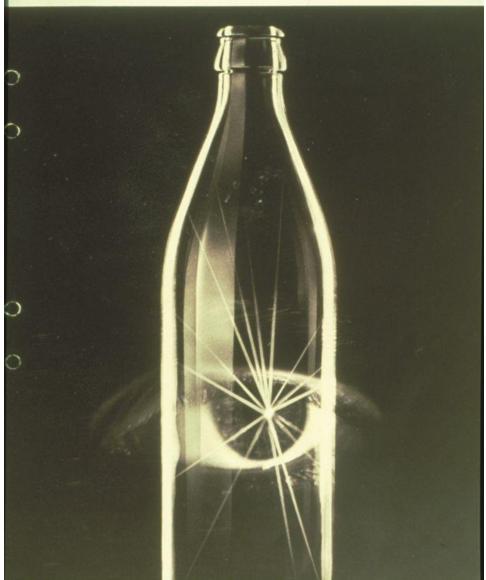








Returautomaten som lærer seg selv hvilke flasker du skal betale for ...

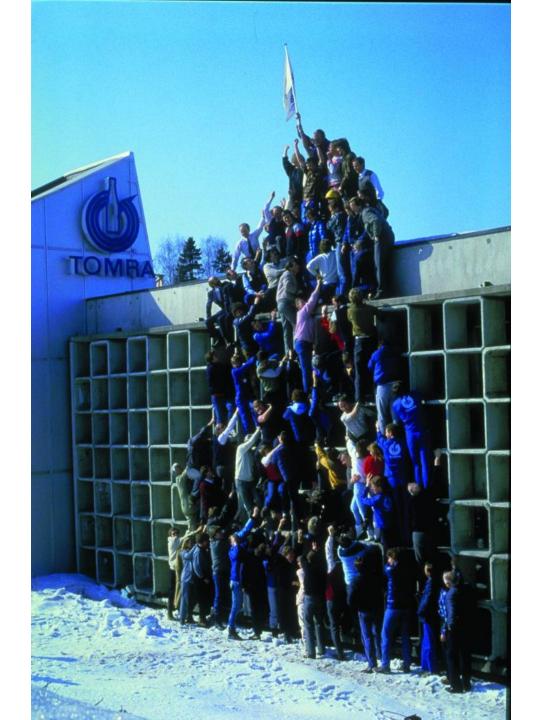
















## TOMRA COLLECTION SOLUTIONS



# Reverse vending technology in a high performing DRS



**User communication** 



Sorting & processing





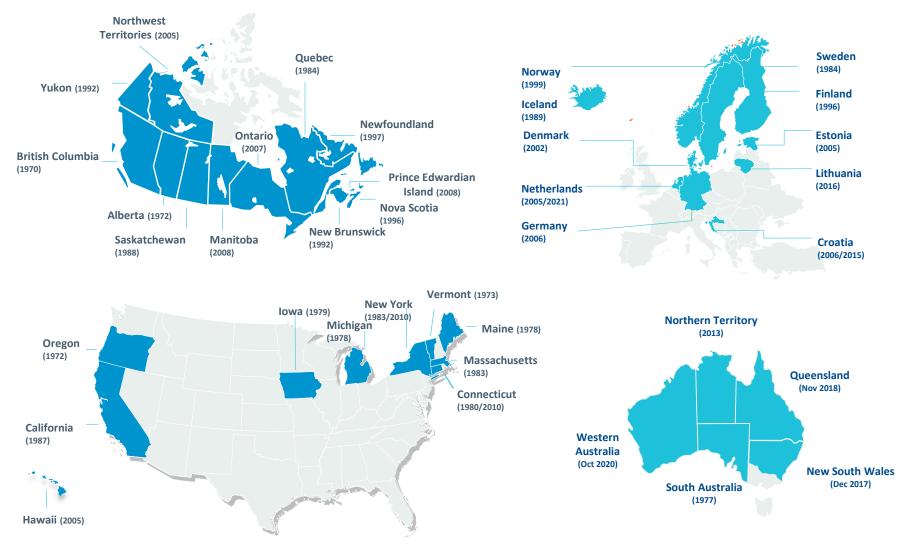
**Recognition system** 



Data administration

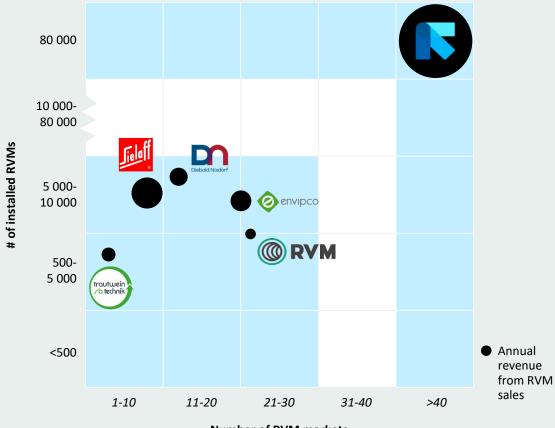


### An overview of current deposit markets\*



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

### Market leader in reverse vending solutions



Number of RVM markets

TOMRA







Source: TOMRA estimates and analysis

# 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

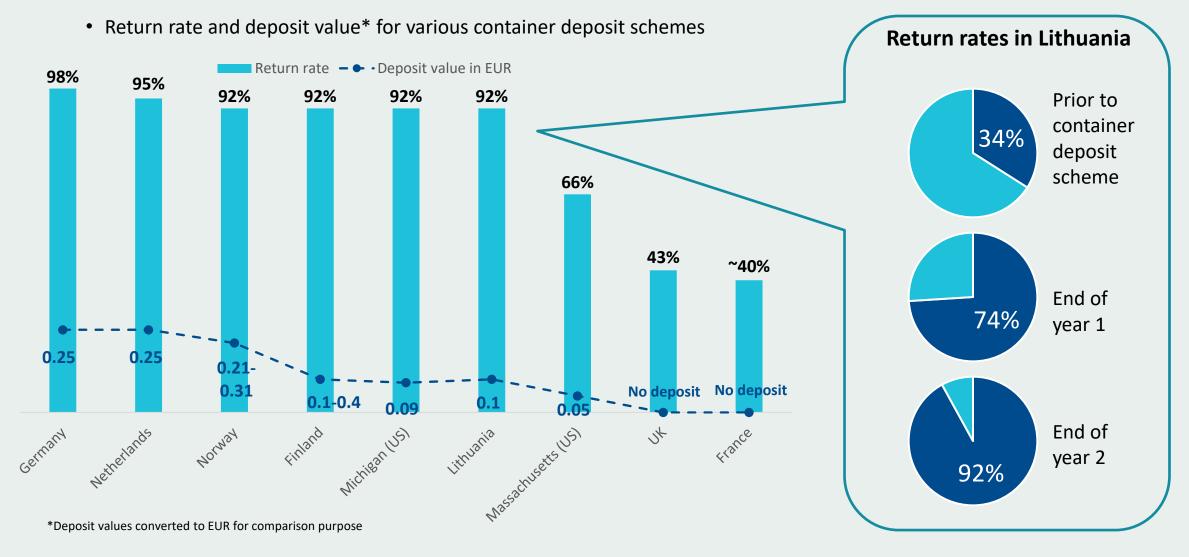


DRSs ensure containers consumed in a region are collected for recycling

Recycled content requirements ensure new bottles are made from recycled material



# High collection rates achieved in two years' time





22

...and a market pull



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



23

### Business update for TOMRA Collection

First installations in Latvia, preparations

The R1 machine launched in Denmark

and Germany (https://r1.tomra.com/)

on track for go-live in 2022

### High activity level in the markets

Tesco has selected TOMRA as the supplier of RVMs in Slovakia



TOMRA secures contract with major grocery retailer in Scotland



#### **TOMRA Collection business update**

- Growth of 38% in Europe compared to third quarter 2020
- Continued good momentum in Germany
- Good growth in the Nordics, partly driven by the R1 machine
- Sales and installations ongoing in Slovakia
- Temporary lockdown in Australia had a negative effect on the revenues

1) https://www.minzp.sk/aktuality/milnik-priprave-zalohoveho-systemu-minister-budaj-predstavil-spravcu-ktory-zavedie-system-zalohovania-pet-flias.html 2) https://www.diena.lv/raksts/latvija/zinas/parakstits-ligums-par-atkritumu-depozita-sistemas-ieviesanu-latvija-14255277 3) https://nos.nl/artikel/2367153-kogel-door-de-kerk-per-31-december-2022-statiegeld-op-blikjes.html

#### Update on new deposit markets (according to official government statements)



#### Slovakia – January 2022

 In September 2020, Slovakia announced implementation of a deposit system on beverage packaging as of January 1<sup>st</sup>, 2022<sup>1</sup>).

#### Latvia – February 2022



Latvia introduces a deposit system starting February 1<sup>st</sup>, 2022<sup>2</sup>).
TOMRA has been selected as reverse vending technology provider.



#### Scotland – July 2022 (potential delay to 2023)

 In May 2020, the Scottish Parliament approved DRS regulations with the commencement date on July 1<sup>st</sup>, 2022.

### The Netherlands – December 2022 (expansion)

 In February 2021, the decision of deposit introduction on cans was announced<sup>3)</sup> with start date on December 31<sup>st</sup>, 2022.

#### Romania – 2022/2023

 In October 2021, Romania passes the government decision<sup>4)</sup> for implementing a deposit system in late 2022. Current political instability presents a challenge to the implementation timeline.



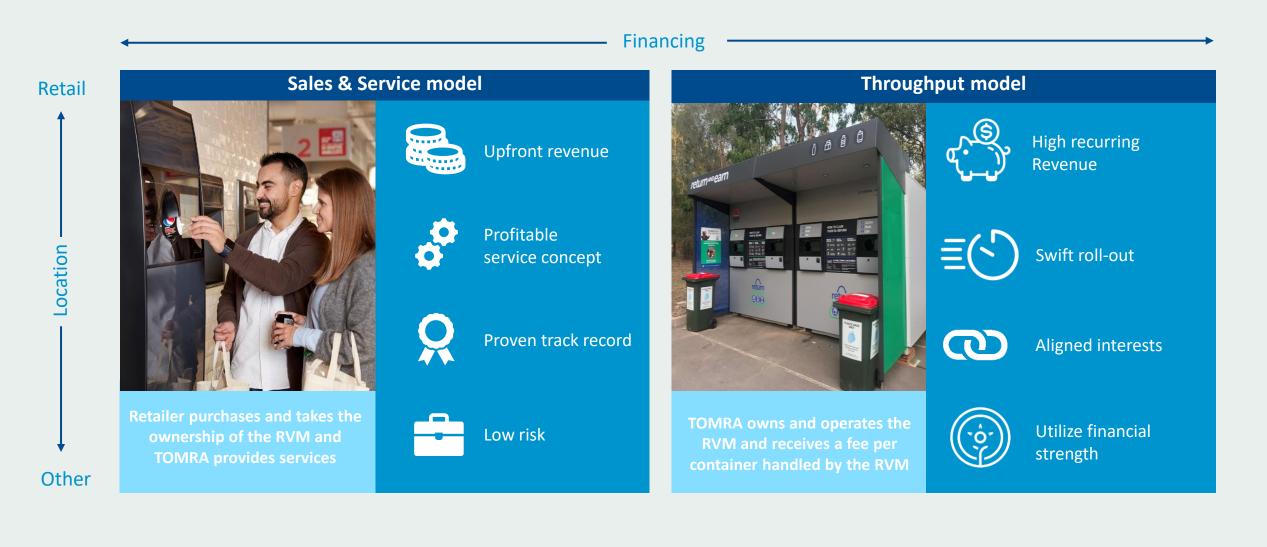
### Victoria – 2023

 In April 2021<sup>5)</sup>, the government of Victoria announced deposit introduction with a split responsibility model in 2023.

#### Connecticut – January 2023 and 2024 (expansion)

- In June 2021<sup>6)</sup>, Connecticut expands deposit to most carbonated beverages (from 2023) and raises the deposit value from 5 cents to 10 cents (from 2024).
- 4) https://legeaz.net/monitorul-oficial-955-2021/hg-1074-2021-sistem-garantie-returnare-ambalaje-nereutilizabile 5) https://www.premier.vic.gov.au/victoria-set-deliver-cash-cans
- 6) https://www.cga.ct.gov/asp/cgabillstatus/cgabillstatus.asp?selBillType=Bill&bill\_num=SB01037&which\_year=2021

## Business model expertise across deposit systems



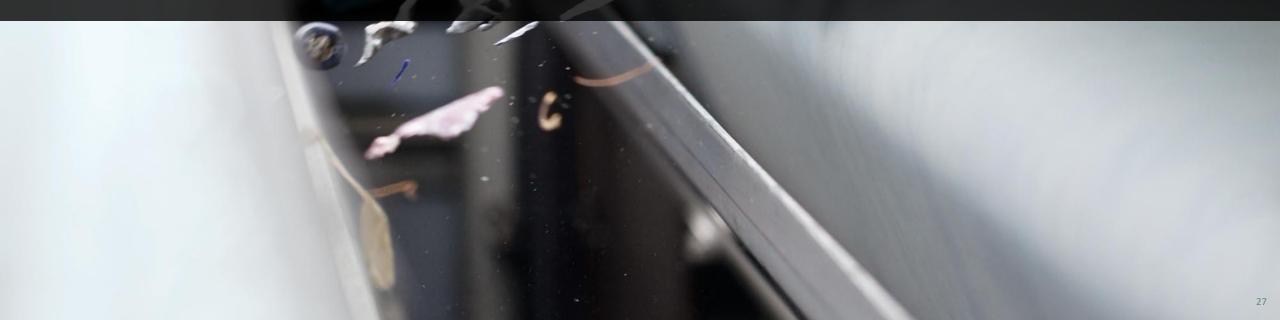




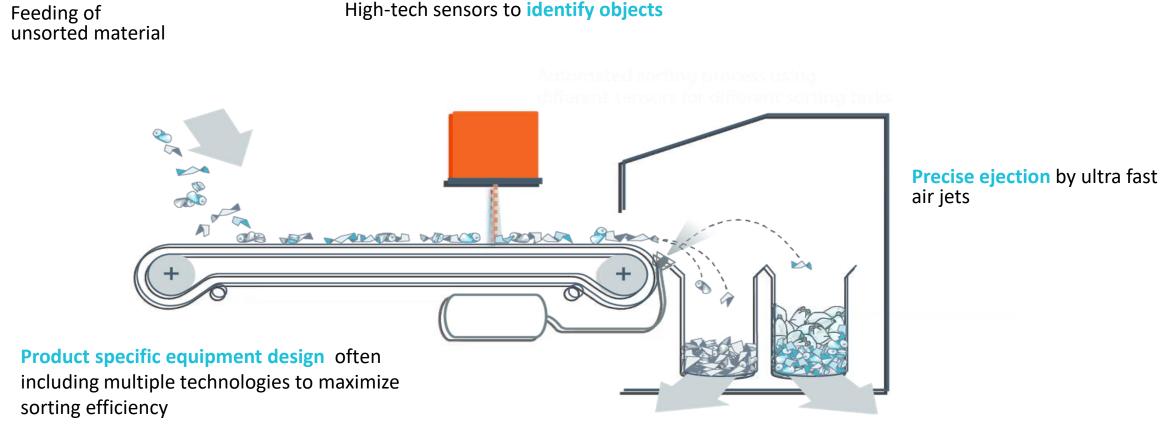




# TOMRA RECYCLING MINING

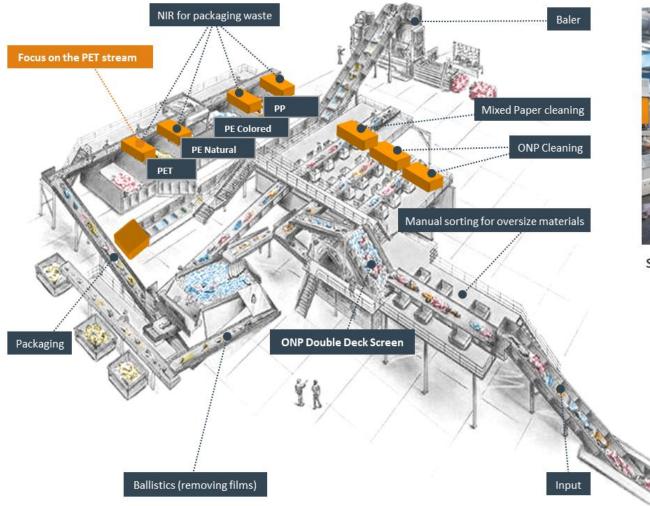


### How does sensor-based separation work?



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

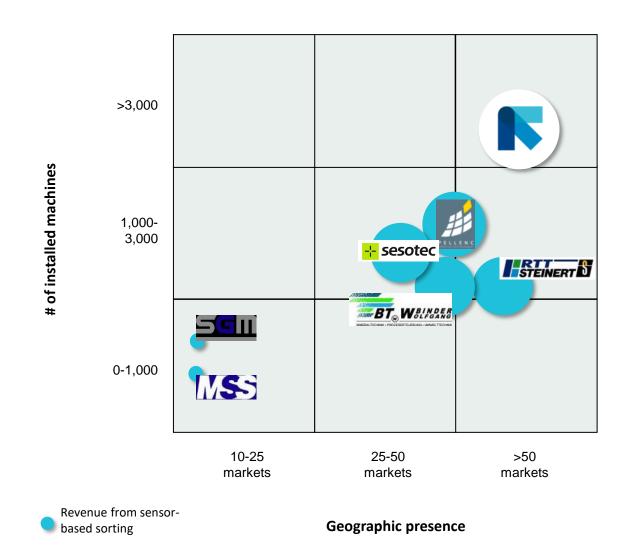
### Automation with TOMRA Sorting units





Sorting of Municipal Solid Waste, Cyprus

### 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%

TOMRA

## 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%



# TOMRA FOOD



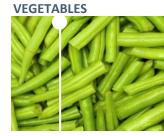
### Food: applications and sensor technology

#### **POTATOES**



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

LASER, CAMERA, BSI, PULSED LED



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

LASER, CAMERA, BSI, PULSED LED

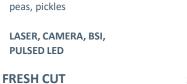
Baby leaves, iceberg lettuce,

spinach, spring mix

LASER, CAMERA







**SEAFOOD** 

LASER, CAMERA, X-RAY



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

**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

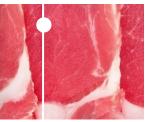


Apples, blackberries, blueberries, cherries, cranberries, peaches & pears, raspberries, strawberries, tomatoes

LASER, CAMERA, BSI, PULSED LED

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

PROTEIN



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

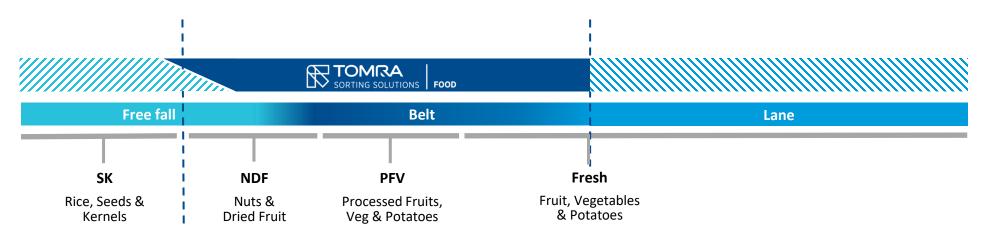
LASER, CAMERA, BSI, INTERACTANCE SPECTROSCOPY

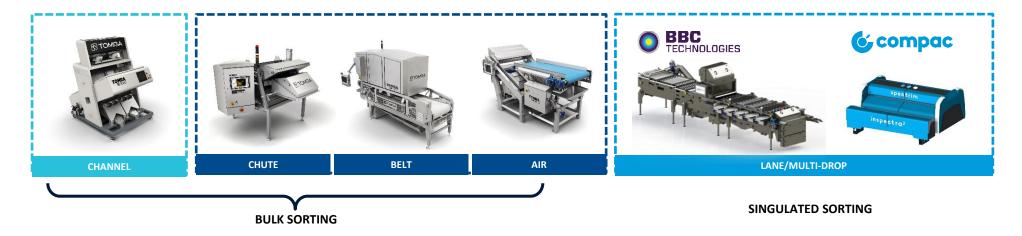


Gummies, Tobacco

LASER, CAMERA

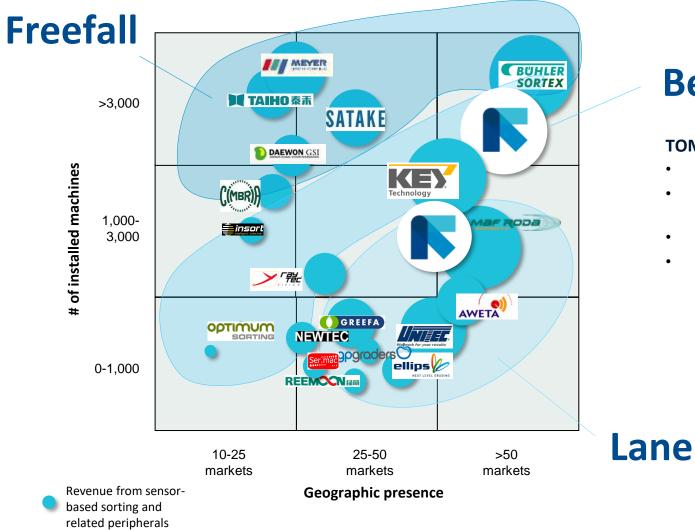
# TOMRA has established the broadest footprint within food sorting





TOMRA

### Food competitive landscape



Belt

#### **TOMRA** competitive positioning

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

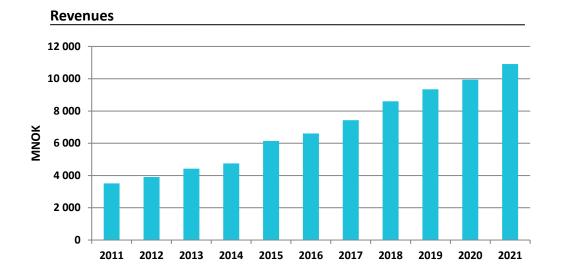
# Our food sorting customers

#### PROCESSED FOOD INDUSTRY

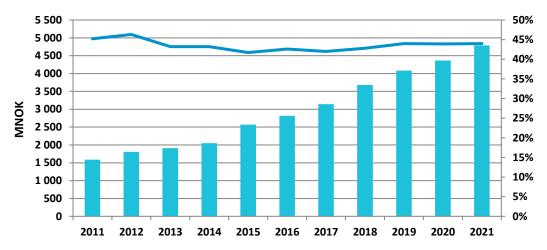
#### FRESH PRODUCE INDUSTRY



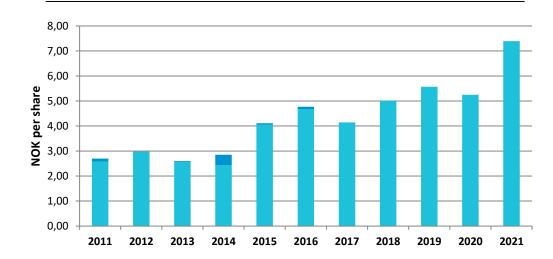
### Group financials development – solid track record



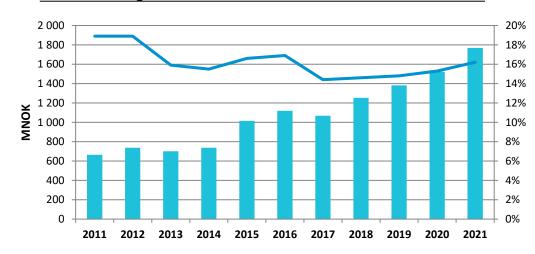
Gross contribution and margin



### Earnings per share

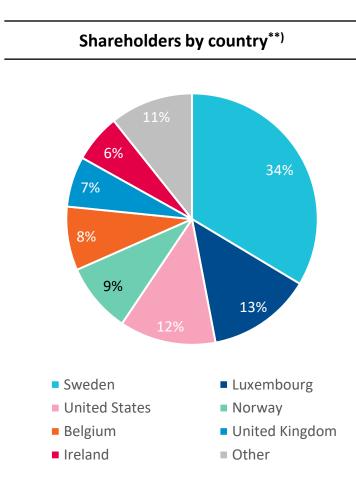


**EBITA and margin** 



### Shareholder structure

Top 10 shareholders as of 31 December 2021 <sup>*)</sup>			
1	Investment AB Latour	31 200 000	21,1 %
2	Folketrygdfondet	12 612 551	8,5 %
3	APG Asset Management	7 094 564	4,8 %
4	Candriam	3 713 934	2,5 %
5	The Vanguard Group	3 259 788	2,2 %
6	BlackRock	2 824 548	1,9 %
7	Handelsbanken	2 767 152	1,9 %
8	Nordea Investment Management	2 733 156	1,9 %
9	Impax Asset Management	2 603 940	1,8 %
10	Alliance Bernstein	2 548 374	1,7 %
	Sum Top 10	68 030 788	48.0%
	Other shareholders	79 989 290	52.0%
	TOTAL (10.730 shareholders)	148 020 078	100.0%



\*) ultimate ownership accounts based on available information

\*\*) ownership data includes nominee accounts