AB LATOUR, CAPITAL MARKETS DAY 21 MAY 2012

Stefan Ranstrand
President/CEO
Tomra Systems ASA



TOMRA was founded on an innovation in 1972 that began with design, manufacturing and sale of reverse vending machines (RVMs) for automated collection of used beverage containers

Today, TOMRA creates sensor-based solutions for optimal resource productivity – helping our customers to increase their financial results and reduce their environmental impact

TOMRA is active in more than 50 markets worldwide and had total revenue of ~3.7 billion NOK in 2011

TOMRA has over 1,800 employees and is publicly listed on the Oslo Stock Exchange

The TOMRA Group continues to innovate and provide cutting-edge solutions for optimal resource productivity within two main business areas:

Collection Solutions (reverse vending, material recovery and compaction)

Sorting Solutions (recycling, mining and food processing industries)



"A TINY BLUE AND GREEN OASIS OF LIFE IN A COLD UNIVERSE." — DAVID SUZUKI





THE WORLD POPULATION AND STANDARD OF LIVING IS INCREASING DRAMATICALLY







At TOMRA we have always thought this way. From inventing the world's first reverse vending machine in 1972 to providing the most innovative sensor-based sorting systems today.





Our sorters can reduce water consumption with 3-4 cubic meters per ton ore

Our sorters can reduce energy consumption in mining by 15%

Our sorters can increase recovery of valuable minerals by up to 25%





Our optical sorters can analyze 25 tons of product per hour, maximizing yield and recovery while reducing waste, energy, and chemical use

We recover 5% - 10% of the produce, through higher yields and better utilization, reducing pressure on the food chain

That's approximately 25,000 trucks per year in potatoes alone





30 billion used beverage containers are every year captured by our reverse vending machines

Our optical waste sorter can analyze and sort a football stadium covered with waste in less than 15 minutes

715,000 tons of metal is recovered every year by our metal recycling machines

Our vertical balers enable daily savings of ~20,000 transport movements, 160,000 liters of fuel and up to 50% of customers' waste handling costs



TOMRA CREATES SENSOR-BASED SOLUTIONS FOR **OPTIMAL RESOURCE PRODUCTIVITY**













Today we see more opportunities for optimal resource productivity than ever before













TOMRA invests 8% of its yearly revenue in R&D, to progress and create solutions to move past the false choice between the earth and the economy

RESOURCE REVOLUTION: MEETING THE WORLD'S ENERGY, MATERIALS, FOOD AND WATER NEEDS

3 billion more middle-class consumers expected to be in the global economy by 2030 80% rise in steel demand projected from 2010 to 2030 147% increase in real commodity prices since the turn of the century people driven into poverty by rising food prices in the second half of 2010. according to the World Bank 100% increase in the average cost to bring a new oil well on line over the past decade The challenge



SOURCE: McKinsey



















This is the dawn of the resource revolution



















TOMRA is leading it



TOMRA'S TWO BUSINESS AREAS





	TOMRA Reverse V	ending Machines	© ТІТЄСН	Recycling
Key activities	Sale and service of solutions for automated collection of used containers with deposit in retail stores	peverage	High speed identifying, sorting and processing of information: mat shape, size, color, defect, damage and location of objects	erial,
Share of '11 sales	~55%		~13%	
Employees	960		175	
Customers	Grocery retailers		Material recovery facilities, scrap dealers, metal shredder operator	rs
Market share	~65%		~50-60%	
	■ ORWAK*	Compaction	♥ commodas ultrasort	Mining
Key activities	The world's largest manufacturer of vertical balers		The leading provider of sensor-based sorting systems for the mining industry	
Share of '11 sales	~5%		~4%	
Employees	75		50	
Customers	Retail, manufacturing industry, restaurant, catering & hotel, w	arehouse & distribution	Mining companies	
Market share	~25%		~40-60%	
	TOMRA M	aterial Recovery	• odeηberg	Food
Key activities	Pick-up, transportation and processing of used beverage conta operation of a network of collection sites in USA	iners and	Optical sorting and processing solutions for food	
Share of '11 sales	~15%		~8%, acquired in 2011	
Employees	400		175	
Customers	Grocery retailers and beverage manufacturers		Food growers, packers and processors	
Market share	~80%		~10%	













INSTALLED BASE

TOMRA Collection Solutions

TOMRA Sorting Solutions





TOMRA

TOTAL

■ORWAK*

Nordic

TOTAL

INSTALLED UNITS

~16,000

~67,500

INSTALLED UNITS	
Nordic	~

°15,000 ~23,000 Germany Other Europe ~12,000 ~500 Japan North America ~15,000 ~1000 South America

~67,000

UK	~17,000
Other Europe	~26,000
Asia/Oceania	~4,000
North America	~4,000
Middle East/Africa	~500

9	TITECH
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INSTALLED UNITS Eur Asia US Oth

STALLED UNITS	
rope	1850
ia	220
/ Canada	500
her	380

TOTAL	2,950

INSTALLED UNITS

urope	63
JS / Canada	33
Australia	11
South Africa	39
Other	24

TOTAL	170

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INSTALLED UNITS Europe ~1,150 US/Canada ~1,350 ~120 Asia Other ~100

TOTAL ~2,720





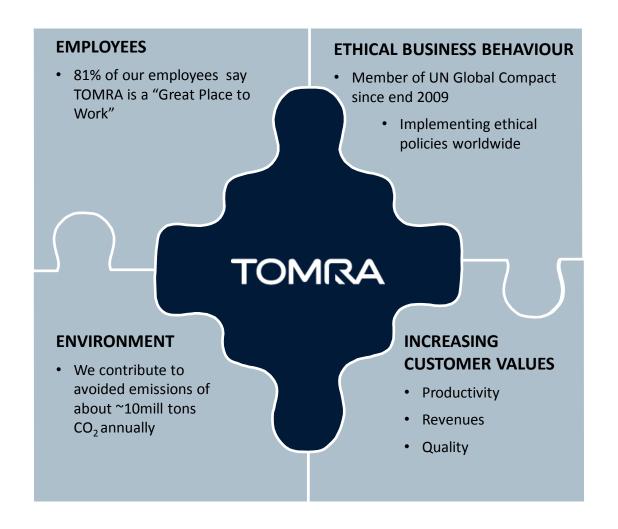






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USING THE POWER OF BUSINESS TO DO GOOD











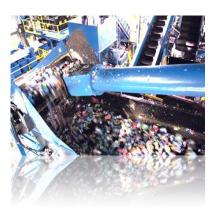
























THE USED BEVERAGE CONTAINER RECYCLING **VALUE CHAIN**

Generic used beverage container (UBC) recycling value chain



RVM-based UBC recycling value chain













RVM PRODUCT PORTFOLIO



TOMRA RECOGNITION TECHNOLOGY

TOMRA's reverse vending machines are equipped with TOMRA's unique patented container recognition technology, Sure Return™. This technology provides continuous video surveillance of inserted items, ensuring correct deposit refunds, the best protection against fraud, and the market's fastest return process for your customers.



T-820 is in addition equipped with True Vision™ crate recognition technology offering premium recognition and classification performance, even in the most complex markets. This patented high quality optical system also offers the best fraud protection and the fastest user interface available.



CORRECT



FASTEST CONSUMER INTERFACE



BEST FRAUD PROTECTION



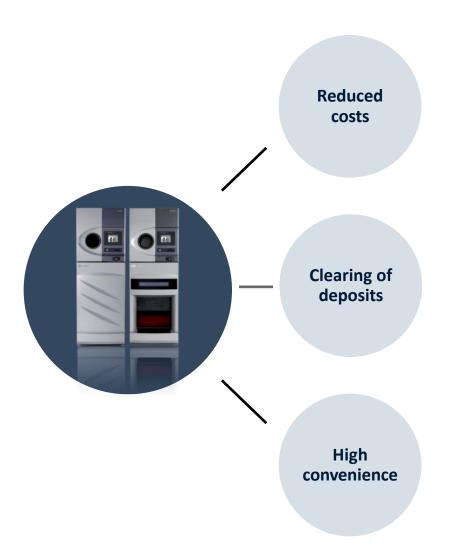








VALUE PROPOSITION



- RVMs reduce need for manual labor and will typically have a payback period of 12-18 months for medium sized stores
- Improved logistics and handling
- RVMs keep track of all deposit transactions in Germany alone the total transaction volume has an annual value in excess of ~4 bn EUR
- RVMs have several fraud detection features to prevent paying out deposit on non-eligible containers
- RVMs make it convenient and easy for consumers to return their empty containers
- RVMs are clean and efficient and ensure correct redemption of containers











MARKET SEGMENTS AND BUSINESS MODELS

Mandatory (non-refillable) deposit markets

- Non-refillables account for 75% of all containers sold and are popular due to simplified distribution/manufacturing and consumer marketing aspects
- Some markets have MANDATORY deposit systems to ensure proper collection of containers
- RVMs are used to make these systems more effective and efficient

- **Voluntary (refillable)** deposit markets
- Refillable containers account for ~25% of all containers sold and have traditionally been used by local and regional breweries outside NA
- Refillable containers are typically part of a VOLUNTARY deposit system to incentivize consumers to return containers for reuse
- RVMs are used to make this system more effective and efficient

- Other incentive-based markets (non-deposit)
- In markets without deposit there might still be a need to organize collection of empty containers, either to support overall recycling targets/ambitions or to demonstrate corporate social responsibility
- Although the rationale for using RVMs varies from market to market, RVMs can in general be used to facilitate the collection process











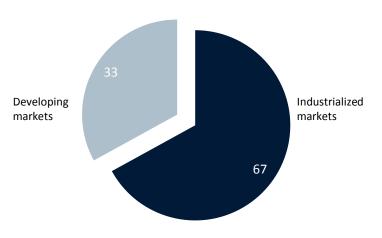


MARKET SIZE AND POTENTIAL

INDICATIVE

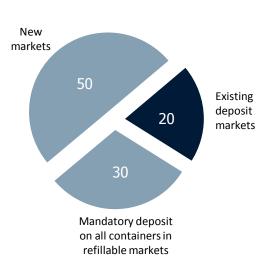
Total theoretical market

100% = ~750,000 RVMs



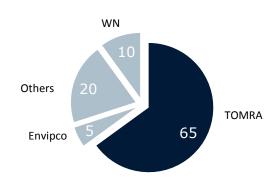
Potential available market

100% = ~500,000 RVMs



Developed market

100% = ~100,000 RVMs



Source: TOMRA analysis





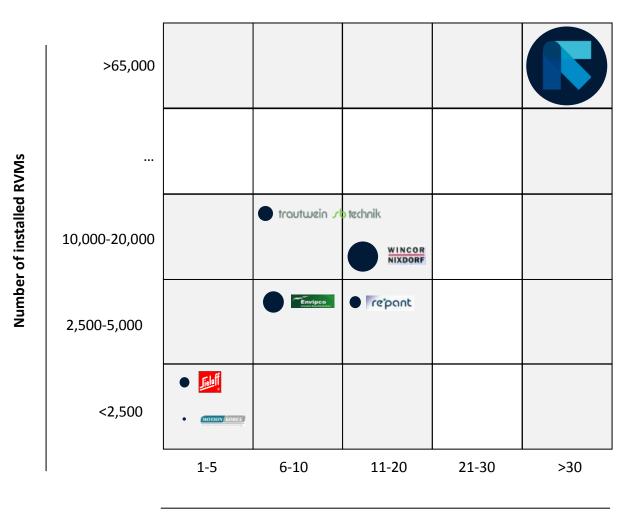








COMPETITIVE LANDSCAPE



INDICATIVE

Annual revenue from RVM

Number of RVM markets

Source: TOMRA analysis













OUR STRATEGY

Protect and defend existing business

- Cost leadership
- Increased differentiation

Spur growth in existing markets

- Accelerated machine replacement
- Incremental revenue streams on installed base
- New segments/channels

Succeed in new markets

- New deposit markets
- Viable non-deposit business models









COST LEADERSHIP

Overall ambition to reduce COGS on new RVMs by 40% from 2010 to 2015

- 20% by aggressive sourcing and production strategy
- 15% by technology and design for low cost manufacturing
- 5% by other means (volume increase, automation, quality)

Design for low cost manufacturing

Further standardization of modules and machines



Economies of scale

Improve design and allow late customization



Avoid reduced flexibility

Increase use of tooling plastics, sheet metal, covers



More effective production

Redesign parts/modules that are non-TOMRA spec



Better sourcing

Reduce number of parts



Reduced complexity

Low cost sourcing/production in China

PHASE 1

- Establish a local sourcing network
- Source components in China (cables, electronics, motors, cabinets) for deliveries to assembly plants
- Build up know-how and staff

PHASE 2

• Start sub-assembly / module production for deliveries to plants

PHASE 3

 Production of high volume modules and products













INNOVATION LEADERSHIP – 2011 LAUNCHES

MultiPac

T-820 Touch

Taking uptime to new levels

- Redundancy to secure maximum uptime
- · Intuitive and easy to operate and to clean
- Space efficient multi machine installations

Setting new standards in usability for owner, user and operator

- Intuitive and fast to use
- Multiple languages
- Run promotion in screen; chain/store can customize and also sell the space (video/audio/picture)
- Multiple donation receivers; split sum possibility

TOMRAPlus



A new management tool for proactive maintenance and administration of your reverse vending system

- A direct link to all reverse vending installations for store owners and chains
- Get a running overview and possibility for management of entire fleet of installations
- · Utilize the reverse vending system as a marketing tool by uploading campaigns

UNO Promo



Turning the RVM into a promotional vehicle

- A tool for building new revenue streams
- Ideal for building CSR image and new marketing alliances
- · Cross brand couponing and advertising in screen
- Personalized lovalty building activities via card reader

Flake



Boosting operational uptime and logistical efficiency

- More capacity, greater cost savings, and better for the environment!
- Less time spent on bin emptying means more time for core business
- · Less bin changes greater machine uptime
- More space with reduced volume





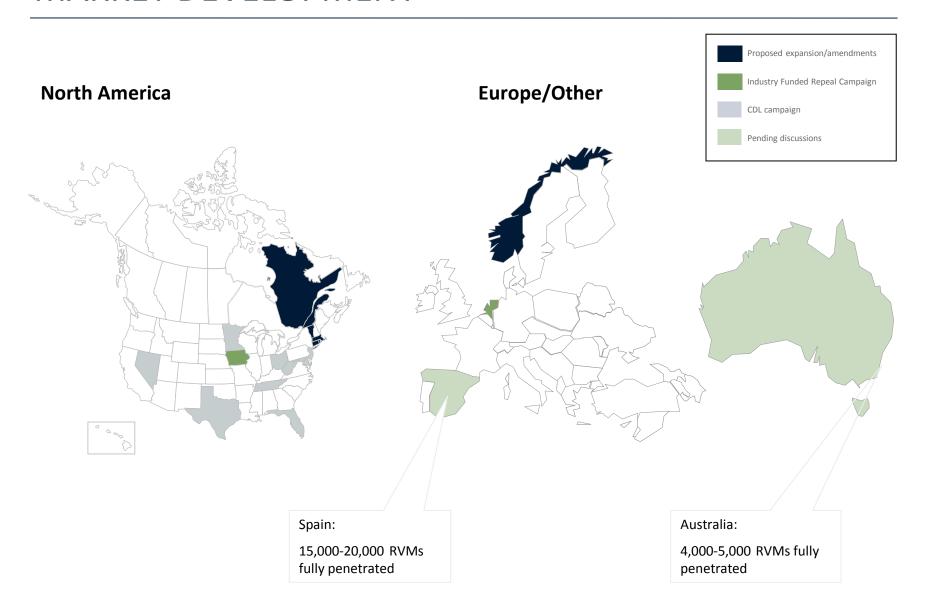








MARKET DEVELOPMENT



























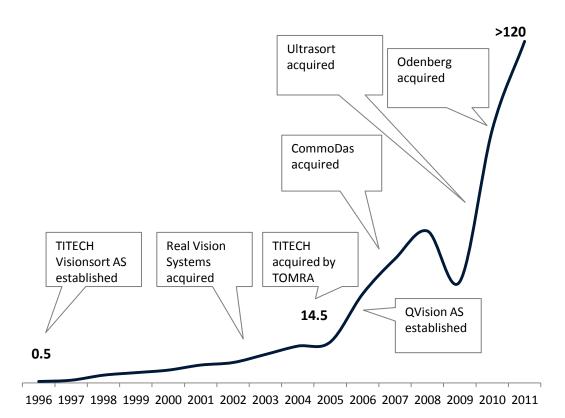




STRONG REVENUE GROWTH SINCE INCEPTION IN 1996

Revenue development and key milestones

EUR million



- Revenue growth, organic plus inorganic, of ~35% per year from 2004-11
- Technology base and segment/application knowledge expanded both through acquisitions and in-house ventures
- Growth driven by:
 - Price increases in food, commodities & landfill costs
 - Favorable changes in regulatory framework (DSD, WEEE, ELV, etc)
 - Strong sales and service network
 - Technology leadership
 - Higher quality and food safety demands





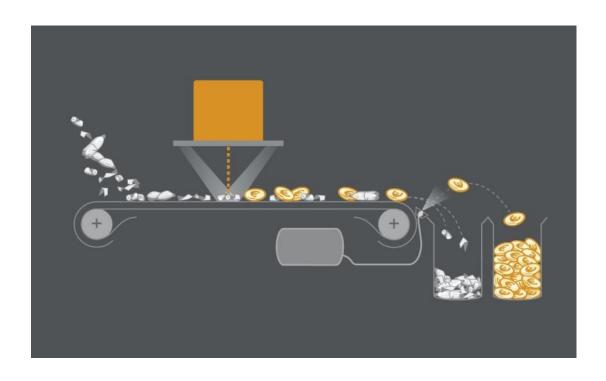








OUR CORE TECHNOLOGY: THE EYES AND BRAINS OF **SORTING AND PROCESSING**



- · High-tech sensors are utilized to identify objects on a conveyor belt
- High speed processing of information: material, shape, size, color, defect, damage and location of objects
- **Precise sorting** by air jets or mechanical fingers













A COMMON SENSOR BASED TECHNOLOGY PORTFOLIO

	[m]
Gamma-	10 ⁻¹²
radiation	10 ⁻¹¹
	10 ⁻¹⁰
X-ray	10 ⁻⁹
	· 10 ⁻⁸
Ultraviolett (UV)	10 ⁻⁷
Visible light (VIS)	- 10 ⁻⁶
5 (,	10 ⁻⁵
Near Infrared (NIR)	10-4
Infrarot (IR)	10-3
N 41	10-2
Microwaves	10 ⁻¹
	10¹
Dadia	10 ²
Radio waves	10 ³
	10 ⁴
Alternating current	10.

(AC)

Sensor/ Technology	Material Property	Segment
RM (Radiometric)	Natural Gamma Radiation	Mining
XRT (X-ray transmission)	Atomic Density	Recycling, Mining, Food
XRF	X ray fluorescence (Elemental Spectroscopy)	Recycling, Mining
COLOR (CCD Color Camera)	Reflection, Absorption, Transmission	Recycling, Mining, Food
PM (Photometric)	Monochromatic Reflection /Absorption of Laser Light	Mining
NIR / MIR (Near/Medium Infrared Spectrometry)	Reflection, Absorption (Molecular Spectroscopy)	Recycling, Mining, Food
LIBS	Laser induced breakdown spectroscopy	Recycling, Mining
EM (Electro- Magnetic sensor)	Conductivity, permeability	Recycling, Mining, Food











CUTTING-EDGE TECHNOLOGY DRIVEN BY SIGNIFICANT INVESTMENTS IN R&D

SENSOR PORTFOLIO

Electromagnetic Sensor (EM)

Recognizes metals and ores based on their electromagnetic properties, like conductivity and permeability

CCD Color Camera (COLOR)

Material identification based on their color properties in the color areas red, green and blue

X-ray Transmission (XRT)

Identification of materials based on their specific atomic density irrespective of size, moisture or pollution level

Visible Light Spectrometry (VIS)

Identification within the visible spectrum for transparent and opaque materials, highly differentiation between similar colors

Radiometry (RM)

Recognizes e.g. uranium by its radioactivity

IR Camera (IR)

Identification of material based on their heat conductivity and heat dissipation

X-ray Fluorescence (XRF)

Analyzing of materials based on their elemental composition

Near-Infrared Spectrometry (NIR)

This sensor recognizes materials based on their specific and unique spectral properties of reflected light in the near-infrared spectrum

- In-house R & D department with more than 70 people
- Partnership with leading R&D institutions: SINTEF, CTR, Fraunhofer ILT
- 8% of revenue invested in R&D
- 10 test centers worldwide



Test center in Koblenz, Germany





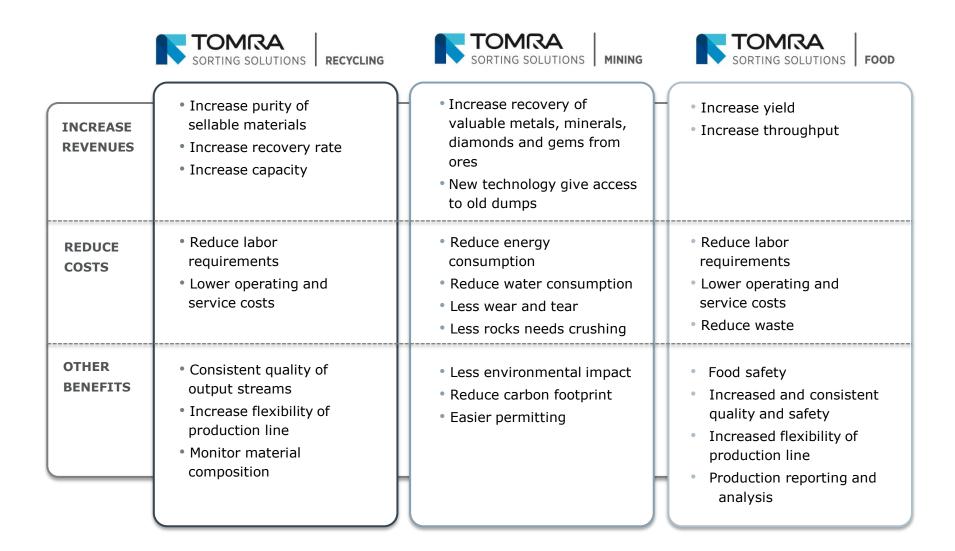








WHY SENSOR-BASED SORTING?









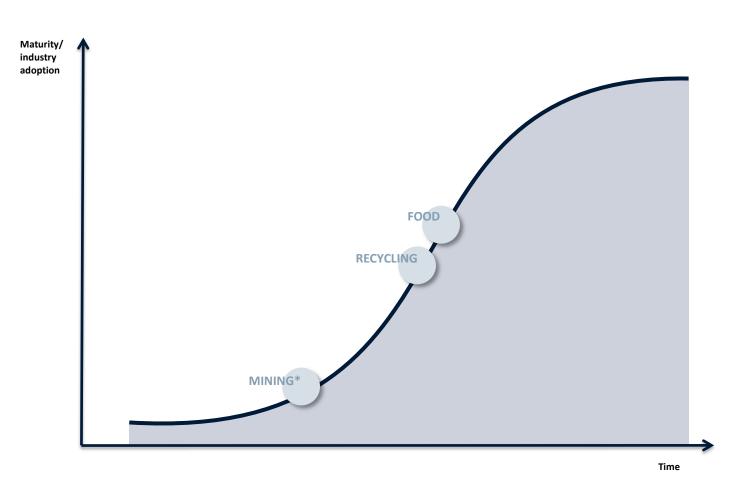






ADOPTION OF SENSOR-BASED SORTING AT DIFFERENT **MATURITY LEVELS**

INDICATIVE



^{*} In certain mining sub-segments, such as industrial minerals and diamonds, sensor-based sorting is a more mature technology.











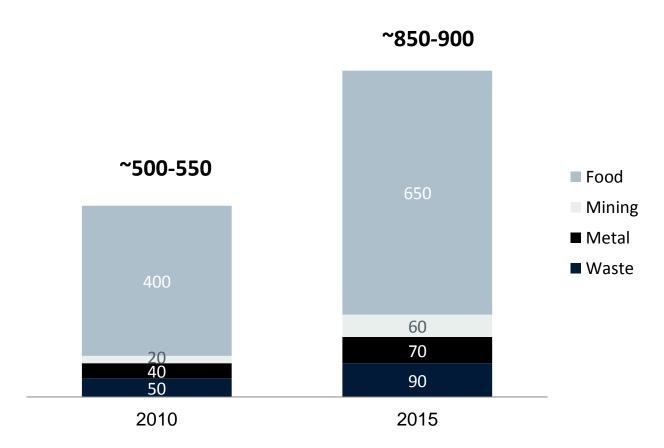


MARKET SIZE AND POTENTIAL

ESTIMATES

Total annual market size for different sensor-based sorting segments

EUR million



Source: TOMRA analysis













OUR STRATEGY

Maintain technology leadership position

- Continue to invest heavily in R&D
- Bring new and enabling technology to the market
- Further develop web of partners

Expand geographically

- Aggressively target promising regions and markets
- Leverage market presence across entire portfolio

Cost leadership

- Utilize our market leader position to maximize economies of scale effect
- Effective sourcing in combination with product friendly R&D

Use M&A to consolidate market and enter new business streams

- New verticals/business streams in sensor-based sorting
- Increase footprint and scale through consolidation











RECYCLING: APPLICATIONS AND SENSOR TECHNOLOGY





	HOUSEHOLD WASTE	PACKAGING	C & D	AUTOMOBILE SHREDDER	ELECTRONIC SCRAP
MATERIAL	 Hard plastics Plastic film Mixed paper RDF Metals Organics/ Biomass 	PlasticsPlastic filmCardboardMixed paperDeinking paperMetal	 Inert material Plastic film Metals Wood Paper & Cardboard Plastics 	 NF metal Stainless steel Copper cables Copper Brass Aluminum Meatball sorting 	 Printed circuit boards Non-ferrous metal concentrates Cables Copper Brass Stainless steel Meatball sorting
SENSOR TECHNOLOGY	NIR VIS XRT	NIR VIS EM	NIR VIS XRT EM	NIR VIS XRT EM COLOR XRF	XRT EM NIR COLOR XRF
	Mixed paper	PE/PP flakes	Cleaned wood	Copper Wire	Brass





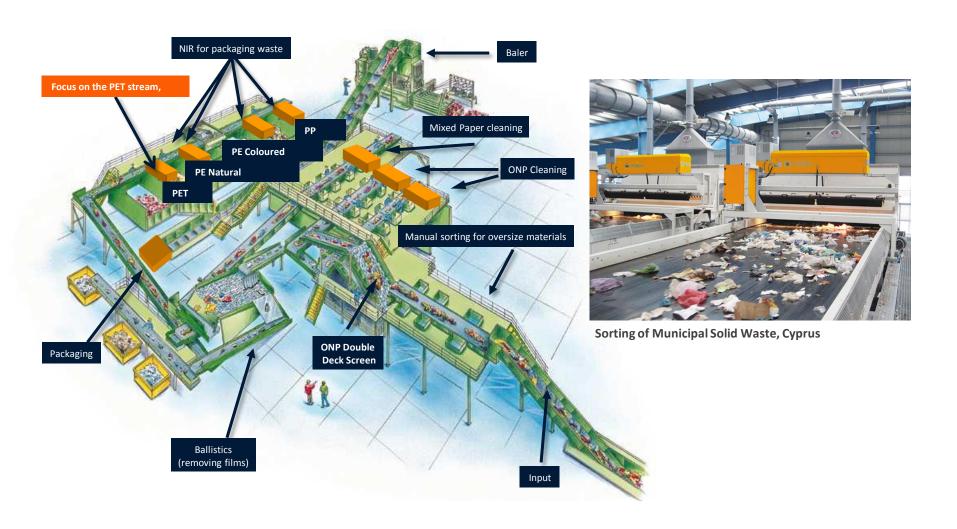








AUTOMATED WITH TOMRA SORTING UNITS





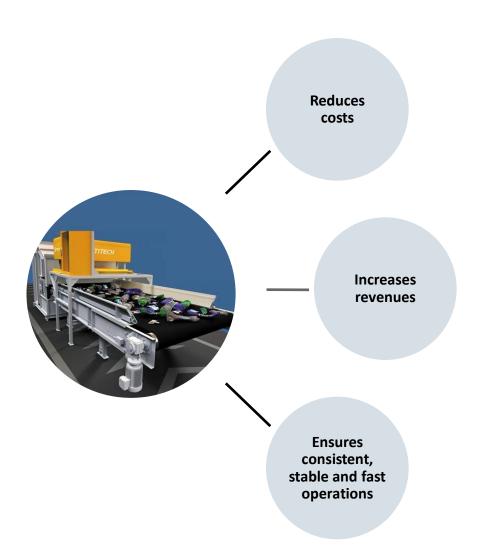








VALUE PROPOSITION FOR PET SORTING



- Reduces person-hours by up to 75 %
- Low operating and maintenance costs and reduced space requirements
- Avoids high turnover of personnel
- High precision (over 99% purity –ready for BtB processes)
- Easy to adapt to changing needs and sorting tasks
- Sorting of up to 10 tons per hour
- MTBF >7,000 hours, i.e., two years of two-shift operations
- Reduced accidents and less strain on staff
- Constant quality and performance
- Some sorting tasks impossible/difficult for manual sorters













MARKET SEGMENTS IN RECYCLING

Waste recycling



Packaging Sorting



Paper Sorting





End of Life Vehicles **Scrap Sorting**



Ash Sorting



Commercial & **Industrial Waste** Sorting



Mixed Municipal Solid Waste Sorting



Electronic **Scrap Sorting**



Wire Recovery



Construction & demolition Waste Sorting



Refuse **Derived Fuel**



Non-Ferrous **Metals Sorting**



Single Stream Recycling



Pre-sorted **Material Sorting**









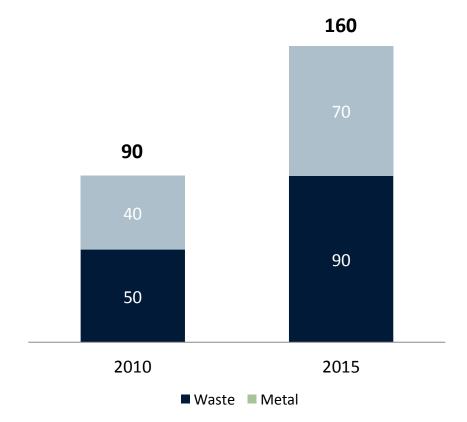


MARKET SIZE AND POTENTIAL

ESTIMATES

Total annual market size

FUR million



Growth potential

- Market expected to grow at an annual rate of 10-15% overall
- TITECH expects to maintain its overall market share

Drivers

- Increased demand for raw material
- Higher labor costs
- Higher commodity prices
- Legislation (landfills, ELV, WEEE etc.)
- Adoption of technology in new markets (Asia, Latin America, Eastern Europe)
- New applications such as flake sorting

Source: TOMRA analysis









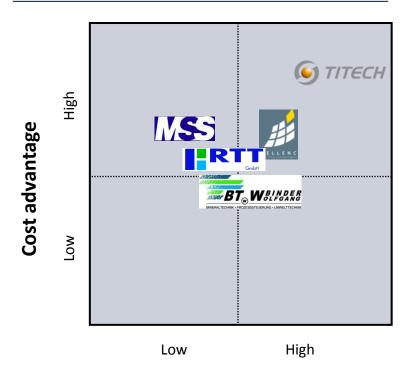




COMPETITIVE LANDSCAPE

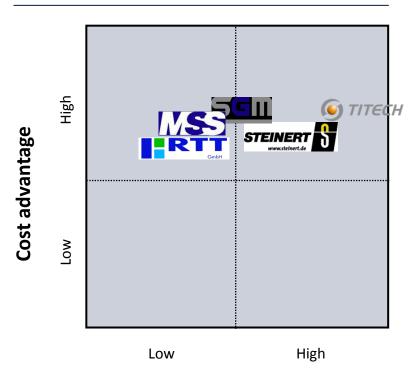
INDICATIVE

Waste recycling



Technological advantage

Metal recycling



Technological advantage









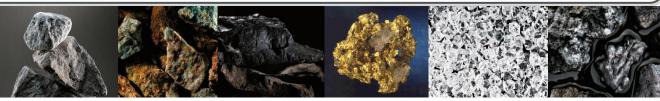


MINING: APPLICATIONS AND SENSOR TECHNOLOGY





	INDUSTRIAL MINERALS	BASE & Fe METALS	FUEL/ ENERGY	PRECIOUS METALS	DIAMONDS & GEMS	METAL SLAG
COMMODITY	 Calcite Quarts Feldspar Magnesite Talcum Dolomite Salt 	 Copper Zinc Nickel Tungsten Iron Manganese Chromite 	• Coal • Uranium	• Gold • Platinum	DiamondsTanzaniteColored gemstones	Stainless steelCopperChrome
SENSOR TECHNOLOGY	COLOR XRT NIR XRF	XRT COLOR EM NIR	XRT RM	XRT COLOR XRF NIR	COLOR XRT XRF NIR	XRT XRF EM



Calcite

Copper

Coal

Gold

Diamonds

Ferro Silica Slag





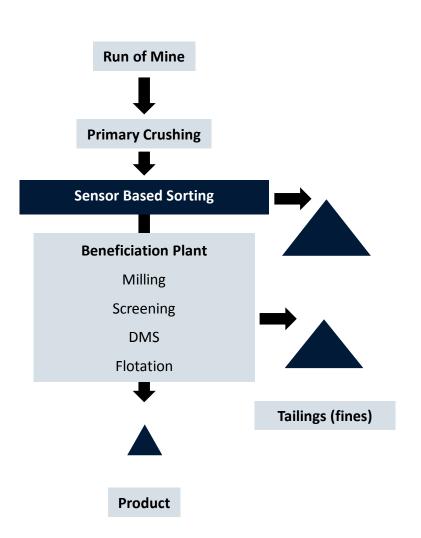








THE CONCEPT OF SENSOR-BASED SORTING IN MINING





Facts (estimated)

- 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 crushed, grinded and further treated



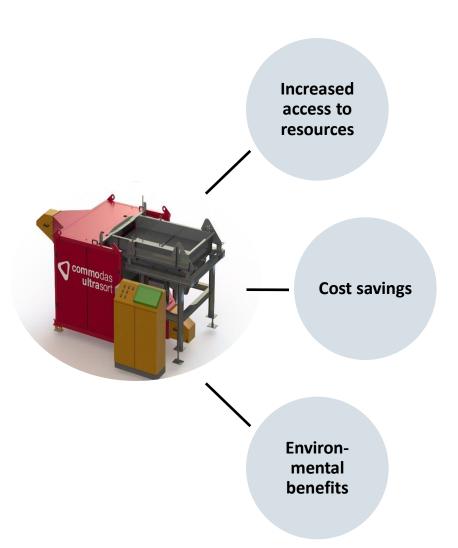








VALUE PROPOSITION



- Lower head grade can be processed
- Better utilization of existing deposits
- Old dumps turn into resources

- Significant capacity increase of the traditional beneficiation plant
- Energy costs savings
- Less wear and tear and chemicals costs

- Better carbon footprint
- Reduction of acid mine drainage
- Less pollution











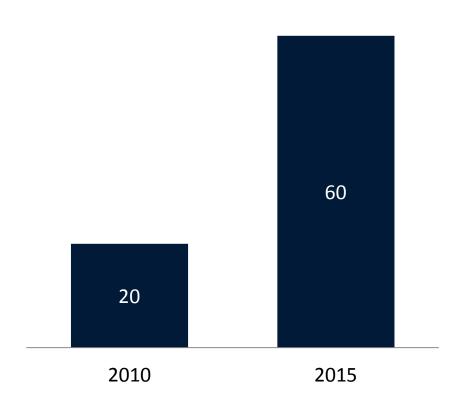


MARKET SIZE AND POTENTIAL

ESTIMATES

Total annual market size

EUR million



Growth Potential

- Market expected to grow at an annual rate of around 20-30% overall
- Commodas Ultrasort expects to maintain its overall market share

Drivers

- Increasing demand for commodities from emerging markets
- Increased pressure on costs but high/increasing energy and water costs

Source: TOMRA analysis







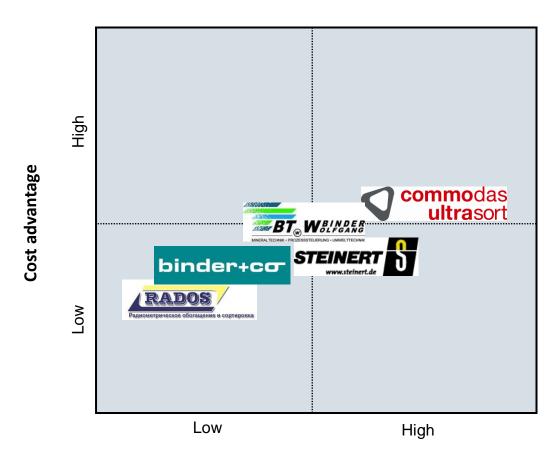






COMPETITIVE LANDSCAPE

INDICATIVE



Technological advantage











TOMRA SORTING FOOD – SECURING QUALITY, EFFICIENCY, AND PRODUCTIVITY



FOOD: APPLICATIONS AND SENSOR TECHNOLOGY





	РОТАТО	FRUIT	VEGETABLE	MEAT/SEAFOOD
FOOD	• Whole • Field • Seed • Table/ware • Sweet • Processed • Peeled	TomatoCitrusDried fruitsNutsPeach & pear	 Beet Corn Carrot Green bean Jalapenos/ Pepper Onion Pickles Cucumbers 	• Beef • Pork • Seafood
SENSOR TECHNOLOGY	NIR VIS	NIR VIS	NIR VIS	NIR VIS



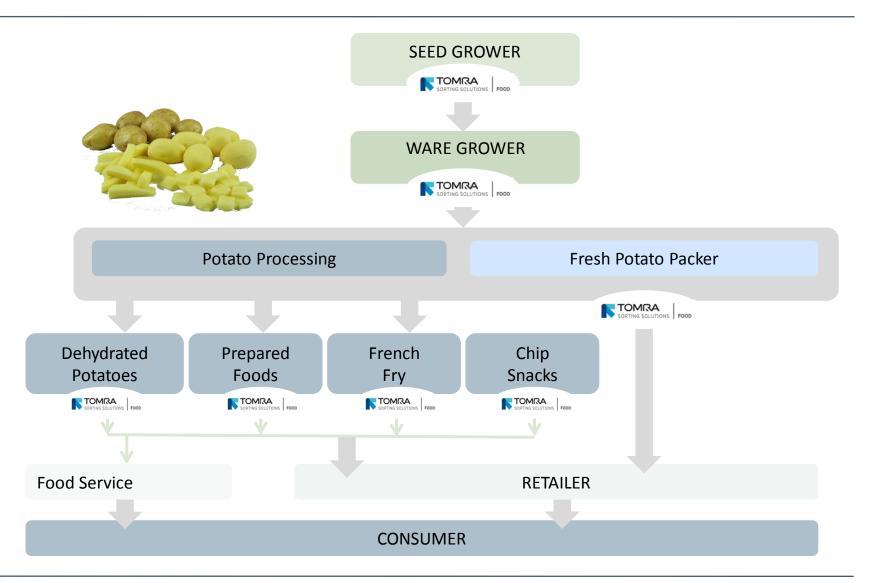








CASE STUDY: POTATO SUPPLY CHAIN - TOP 5 CROP













VALUE PROPOSITION



- Up to 100% reduction on manual labor alternative
- Productivity Increase ~ 20%
- In many cases sorting cannot be completed manually due to product size or defect types
- Yield improvement > 1.5%
- Protects customers reputations. Automated control helps protect against 'undesirables' or 'harmful' items entering the food chain. Mitigates against the 'cost' and damage of failure, recalls, etc
- Legislation for food quality becoming more and more demanding with full traceability
- High precision and multiple sort grades (by size & quality) maximizes raw product utilization and product sales value
- Easy to achieve customer requirements regardless of incoming product quality.
- Analyses the crop quality, size and line efficiency as it sorts. Provides real time data to customers to become more productive (effective real time control), maximizing yield and select/monitor suppliers.



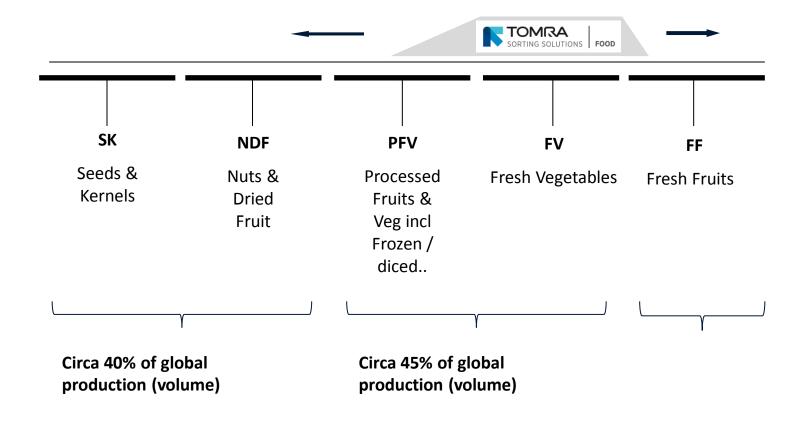








THE FOOD SORTING UNIVERSE



Source: TOMRA analysis









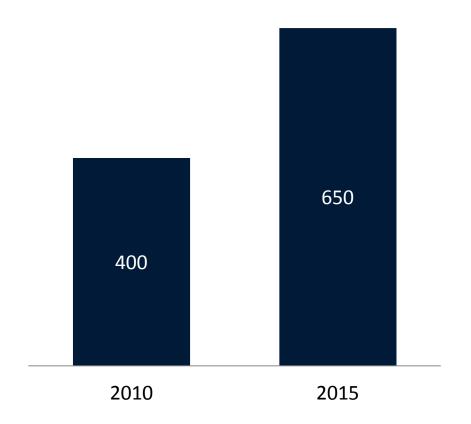


MARKET SIZE AND POTENTIAL

ESTIMATES

Total annual market size

EUR million



Growth potential

Market expected to grow at an annual rate of 6-10% overall

Drivers

- More sophisticated and demanding consumers with more disposable income and changing eating habits
- Consolidation in the retail and processing sectors
 - Improving yield and quality
 - Reducing labor costs
- Globalization & increasing export
 - Verifiable quality & safety processes
 - **Traceability Requirements**

Source: TOMRA analysis











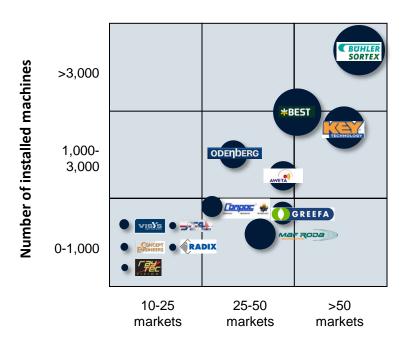


COMPETITIVE LANDSCAPE

INDICATIVE

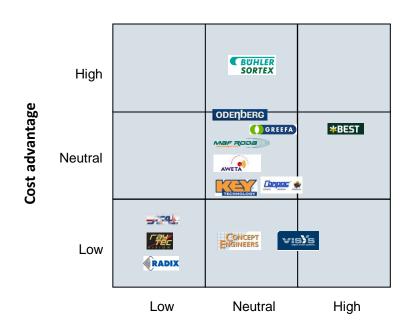
Revenue from sensor-based sorting

Size and presence



Geographic presence

Competitive advantages



Technology advantage











PRODUCT INNOVATION INCREASE MARKETREACH



NFM Color Sorter Field Sorter



Sentinel

Gross Sort - Major Color, Defect & Safety



New Titan II

High Capacity Quality Sort - Color, Defect & Safety.



High Resolution Sort For whole fruits and vegetables -Color, Defect, Size, Shape & Safety

New Iris II

Small Produce Color, Defect, Size, Shape & Safet

High Resolution Sort

2011 Releases

Price & Functionality











Financial performance and targets

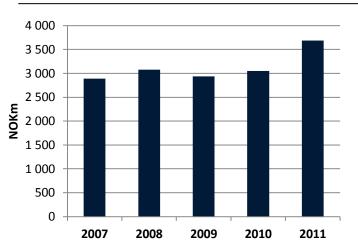




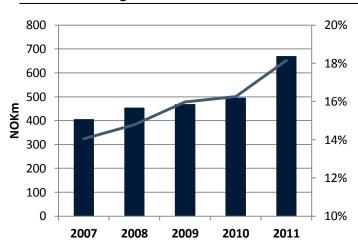


KEY FINANCIALS DEVELOPMENT

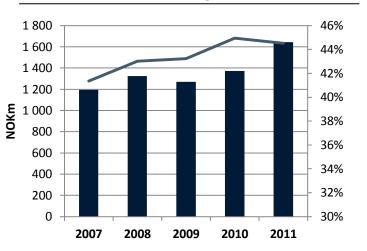
Revenues



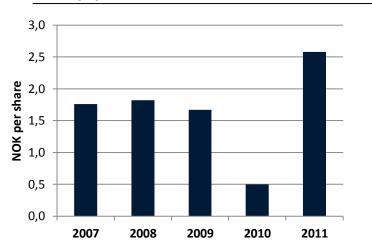
EBITA and margin



Gross Contribution and margin



Earnings per share















FINANCIAL HIGHLIGHTS BALANCE SHEET, CASH FLOW AND CAPITAL STRUCTURE

Amounts in NOK million	31 Mar 2012	31 Mar 2011	31 Dec 2011
ASSETS	3,953	3,831	3,999
Intangible assets	1408	1394	1,391
• Tangible non-current assets	475	545	527
• Financial non-current assets	263	228	264
• Inventory	645	614	627
• Receivables	946	941	1,012
• Cash and cash equivalents	216	109	178
LIABILITIES AND EQUITY	3,953	3,831	3,999
• Equity	2,139	1,833	2,141
• Interest bearing liabilities	740	957	741
Non-interest bearing liabilities	1,074	1,041	1,117

Cash flow from operations

 25 MNOK in 1Q 2012 versus 40 MNOK in 1Q 2011

Cashflow from investments

- 18 MNOK in 1Q2012 versus minus 455 MNOK in 1Q 2011
- 1Q2012 was positively influenced by a 58 MNOK installment from the sale of Tomra Pacific
- 1Q2011 was negatively influenced by the acquisition of Odenberg with 407 MNOK

Solidity

- 54% equity
- NIBD/EBITDA = 0.6 (Rolling 12 months)













CURRENCY EXPOSURE

Revenues and expenses per currency;

	EUR*	USD	NOK	SEK	OTHER	TOTAL
Revenues	50 %	30 %	5 %	10 %	5 %	100 %
Expenses	40 %	25 %	20 %	10 %	5 %	100 %
EBITA	95%	50 %	- 60 %	10 %	5 %	100 %

^{*} EUR includes DKK

10% change in NOK towards other currencies will impact;

	Revenues	Expenses	EBITA
EUR*	5.0%	4.0%	9.5%
USD	3.0%	2.5%	5.0%
SEK	1.0%	1.0%	1.0%
OTHER	0.5%	0.5%	0.5%
ALL	9.5%	8.0%	16.0%

^{*} EUR includes DKK

HEDGING POLICY

- TOMRA hedges B/S items that will have P/L impact on currency fluctuations
- TOMRA can hedge up to one year of future predicted cash flows. Gains and losses on these hedges are recorded in the finance line, not influencing EBITA











NOTE: Rounded figures

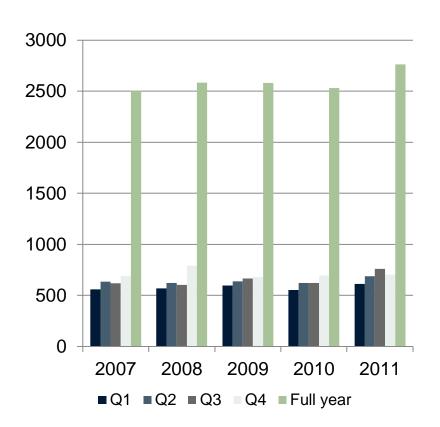


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COLLECTION SOLUTIONS – SEGMENT FINANCIALS

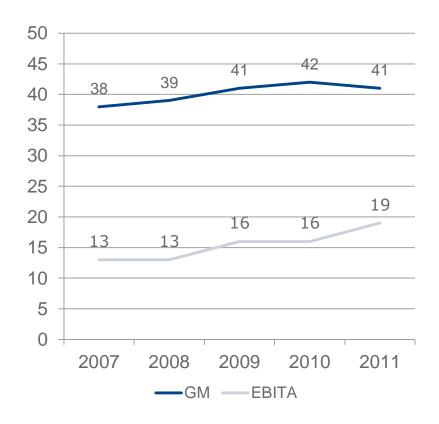
Revenue development

NOK million



Gross and EBITA margin development

Percent













COLLECTION SOLUTIONS – FINANCIAL DASHBOARD

Material Material **RVM** Orwak **RVM** Orwak Recovery Recovery Industry growth **Market share** 0-3% 0-5% 3-5% 65% 80% 25% Geographical diversity Recurring revenue 90-100% 20-30 markets ~75% 25% 10 markets 30 markets Profitability (ROCE) Cyclicality ~35% ~15% 10-15% Medium Low Low

TARGETS 2010 -2015

Yearly growth 4 – 8% 40% reduced COGS on new RVM machines from 2010 to 2015 EBITA-margin 17%-22%









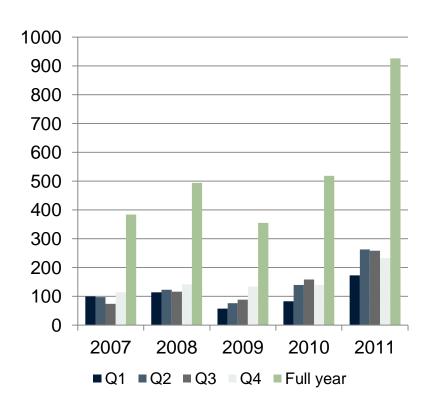




SORTING SOLUTIONS – SEGMENT FINANCIALS

Revenue development

NOK million



Gross and EBITA margin development

Percent





FINANCIAL DASHBOARD -**SORTING SOLUTIONS**

Industry growth



Market share



50-60 %



Food

40-60 %



Recurring revenue



Geographical diversity







Profitability (ROCE)



Cyclicality







TARGETS 2010 -2015

Yearly organic growth 15% Acquisitions on top EBITA-margin 20-25%

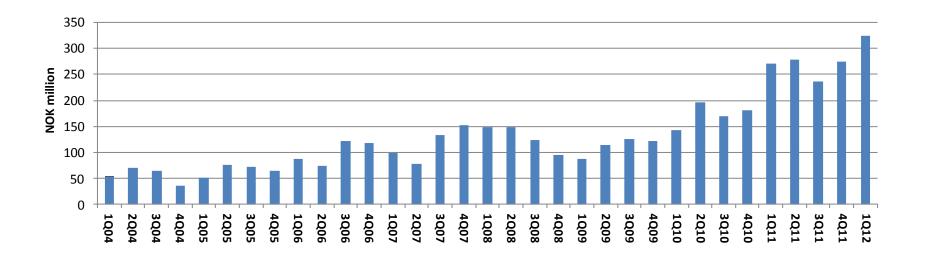








ORDER BACKLOG







Appendices









TOMRA'S INTEGRATED VALUE CHAIN IN NORTH **AMERICA**



In the US, offering an integrated solution to the customer is required in order to sell RVM technology













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MID-WEST, EAST COAST & QUEBEC OPERATIONS

In addition to RVM sales/service, TOMRA is also involved in:

- **Logistics management:** Pick-up and transportation of collected containers
- Material processing: Sorting, cleaning, shredding/flaking/ crushing and baling materials into recyclable fractions
- Material marketing/trading: Sale and trading of processed materials on behalf of industry, which owns the collected materials

Bottlers pay a fee to TOMRA linked to volume of containers picked-up, processed and marketed







- ~560 MNOK in revenues in 2011
- Own transportation network in some states, outsourced to 3rd parties in other states
- Processing of UBCs in own facilities plus outsourced facilities
- Annual volumes processed (pounds):
 - Alu 130+ mill.
 - Glass 500+ mill.
 - Plastic 130+ mill

















VALUE CHAIN IN THE BUSINESS STREAM COMPACTION

SORTING AND COMPACTION AT SOURCE

PICK-UP: **BALES AND BRIQUETTES** **TO RECYCLING STATION OR RECYCLING PLANT**

MATERIAL RECYCLING

























COMPACTION: THE CONCEPT

The problem



The amount of waste is increasing continuously as well as the demands to take care of it:

- Cardboard
- Shredded paper
- Plastic foil
- **PET** bottles
- Metal cans
- Steel straps
- Semi-dry waste
- Rejects
- ...and a lot more

The method Powerful compaction at source!

The solution











The result

Clean fractions of highly compacted recyclable material

Less transport More money

Less disposal More income

Less handling More efficiency

Less clutter More space

Less risk More security

More productivity Less time

Less mess More hygiene

More satisfaction Less trouble

Less energy More savings

Less pollution More cleanliness









MARKET SEGMENTS

The four main market segments:



FOOD RETAIL



MANUFACTURING INDUSTRY



NON-FOOD RETAIL



HOTELS AND RESTAURANTS

Revenue breakdown on customer segments:













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TOMRA - taking a bigger role in the resource revolution

1ST QUARTER 2012 RESULTS ANNOUNCEMENT



HIGHLIGHTS FROM THE QUARTER INCLUDE*

- Revenues of 836 MNOK (784 MNOK in first guarter 2011)
 - 8% growth in local currencies
 - Strong growth in Sorting Solutions
 - Stable performance in Collection Solutions
- Gross margin 47%, up from 45% in first quarter 2011
- EBITA of 133 MNOK (118 MNOK in first quarter 2011)
 - 17% growth in EBITA in local currencies
- EBITA margin of 16%, up from 15% in first quarter 2011
- Cashflow from operations of 25 MNOK (40 MNOK in first guarter 2011)
- All time high order backlog of 325 MNOK in Sorting Solutions (270 MNOK in first quarter 2011)
- Strategic R&D partnership with Rio Tinto

^{*} Results exclude the divested unit, Tomra Pacific







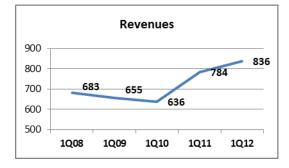


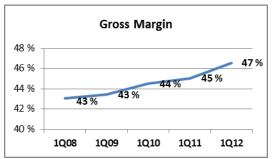


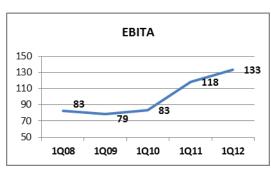
FINANCIAL HIGHLIGHTS - PROFIT AND LOSS STATEMENT (CONTINUING OPERATIONS)*

	1 st Quarter			
Amounts in NOK million	2012	2011	11 Adj**	
Revenues	836	784	771	
Collection Solutions	611	612	601	
 Sorting Solutions 	225	172	170	
Gross contribution	389	353	346	
Gross margin	47%	45%	45%	
Operating expenses	256	235	232	
EBITA	133	118	114	
Operating margin	16%	15%	15%	

2008-2012 (1Q)







^{**2011} actual restated at 2012 exchange rates, estimated











^{*} Excluding the divested unit, Tomra Pacific

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Solidity

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- NIBD/EBITDA = 0.6 (Rolling 12 months)













TOMRA Collection Solutions

















HIGHLIGHTS COLLECTION SOLUTIONS

Overall

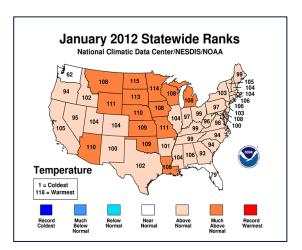
- Revenues up 2% measured in local currencies
- Gross margin was 43%, up from 42% in the same quarter last year
- EBITA increased from 97 MNOK to 105 MNOK due to improved margin

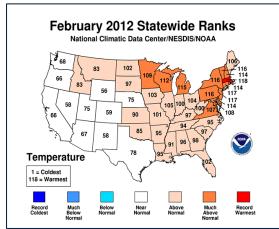
Europe

Somewhat lower new machine placements, stable service revenues

US

- Higher drinking consumption due to exceptionally warm weather in the first quarter
 - Positive impact on both Material recovery volumes, as well as throughput volumes on operational lease machines















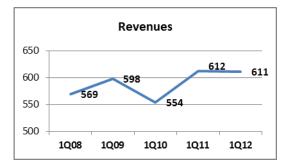


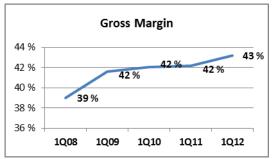


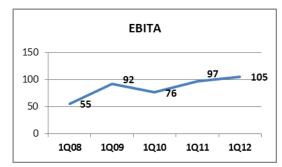
COLLECTION SOLUTIONS FINANCIALS

	1 st Quarter			
Amounts in NOK million	2012	2011	11 Adj*	
Revenues	611	612	601	
• Nordic	134	141		
• Central Europe & UK	224	244		
Rest of Europe	3	4		
• US East/Canada	244	214		
 Rest of the world 	6	9		
Gross contribution	264	258	252	
in %	43%	42%	42%	
Operating expenses	159	161	159	
EBITA	105	97	93	
in %	17%	16%	15%	

2008-2012 (1Q)



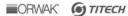




^{* 2011} actual restated at 2012 exchange rates, estimated





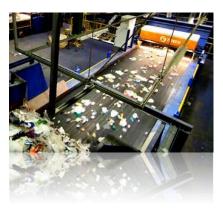








TOMRA Sorting Solutions

















HIGHLIGHTS SORTING SOLUTIONS

First quarter 2012

- Revenues up 30% organically, in local currencies
- Gross margin increased from 55% in first quarter 2011 to 56% in first quarter 2012
- EBITA up from 25 MNOK in first quarter 2011 to 33 MNOK in first quarter 2012 due to higher activity
- Order backlog of 325 MNOK, compared to NOK 274 MNOK at the end of fourth quarter 2011
- Continued positive momentum within the sorting segment, particularly high activity within recycling
- TOMRA and Rio Tinto form strategic R&D partnership to develop new sorting systems through CommodasUltrasort











STRATEGIC R&D COOPERATION

- TOMRA Sorting Solutions' mining branch CommodasUltrasort and leading international mining group Rio Tinto have agreed to form a strategic partnership with the aim to develop commercial scale sorting systems for upgrading bulk minerals
- **Currently there are no solutions** in the market that fulfil Rio Tinto's specifications for a required platform
- A dedicated R&D program will therefore be initiated by the two partners to develop an adequate solution
- This work will include scaling up Rio Tinto's iron ore and copper sorting technologies IronX(TM) and NuWave(TM) - which convert potentially waste rock into a commercially valuable resource - to have each machine capable of sorting 1,000 tonnes of rock an hour
- TOMRA Sorting Solutions has previously been a key supplier to both IronX(TM) and NuWave(TM)
- The standard TOMRA sorting product range will not be affected by the program



Iron: IronX(TM)



Copper: NuWave(TM)





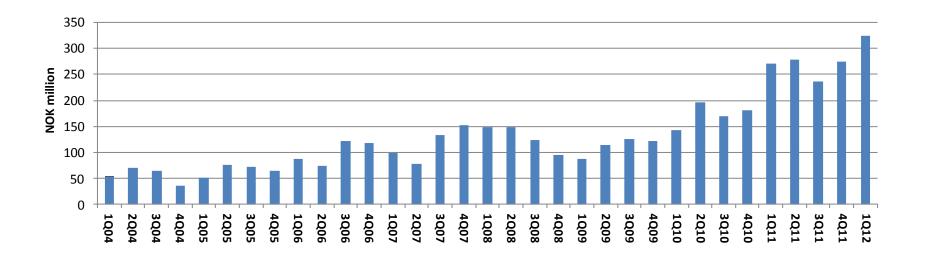








ORDER BACKLOG









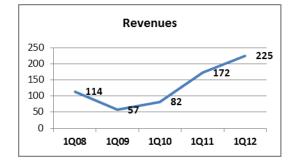


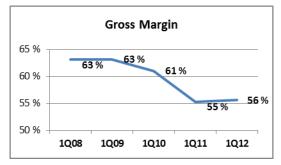


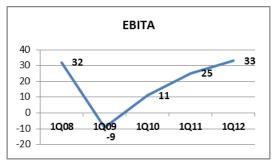
SORTING SOLUTIONS FINANCIALS

	1st Quarter			
Amounts in NOK million	2012	2011	11 Adj*	
Revenues	225	172	170	
• Nordic	2	-		
• Central Europe & UK	76	71		
Rest of Europe	27	17		
North America	87	53		
 Rest of World 	33	31		
Gross contribution	125	95	94	
in %	56%	55%	55%	
Operating expenses	92	70	69	
EBITA	33	25	25	
in %	15%	15%	15%	

2008-2012 (1Q)







^{* 2011} actual restated at 2012 exchange rates, estimated





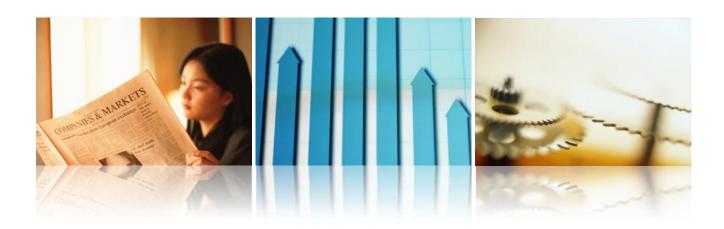








Outlook and shareholder structure











OUTLOOK 2012

Collection Solutions:

- In Collection Solutions, TOMRA expects that 2012 will have an activity level similar to 2011
- Lower sales in the Netherlands are assumed to be offset by higher activity in the other markets

Sorting Solutions:

- In Sorting Solutions, TOMRA is currently experiencing a positive momentum
- Activity is consequently assumed to increase in 2012, compared to 2011, although quarterly development is likely to fluctuate due to little recurring business in the segment
- However, overall performance is however linked to macro drivers, particularly commodity prices. A significant drop in commodity prices will have a negative impact on the outlook







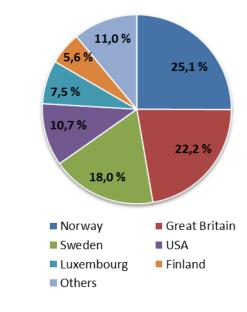




TOMRA SHAREHOLDER STRUCTURE

		<u>•</u>		
1	Investment AB Latour	23 000 000	15,5 %	
2	Folketrygdfondet	14 321 663	9,7 %	
3	The Northern Trust C Treaty account	14 080 358	9,5 %	(NOM)
4	Skandinaviska Enskil A/C Finnish Resident	4 599 593	3,1 %	(NOM)
5	State Street Bank AN A/C Client Omnibus	3 406 125	2,3 %	(NOM)
6	Bank of New York MEL S/A Mellon (ADR)	3 191 589	2,2 %	(NOM)
7	The Hermes Focus Fund C/O The Northern	3 023 900	2,0 %	
8	Clearstream Banking	2 765 192	1,9 %	(NOM)
9	JP Morgan Chase Bank Nordea Treaty Acc	2 706 221	1,8 %	(NOM)
10	JP Morgan Chase Bank European Resident	2 417 168	1,6 %	(NOM)
	Sum Top 10	68 388 420	46,2%	
	Other shareholders	79 631 658	53.8%	
	TOTAL (6,858 shareholders)	148 020 078	100%	

Shareholders by nationality



Total foreign ownership: 74.9%













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