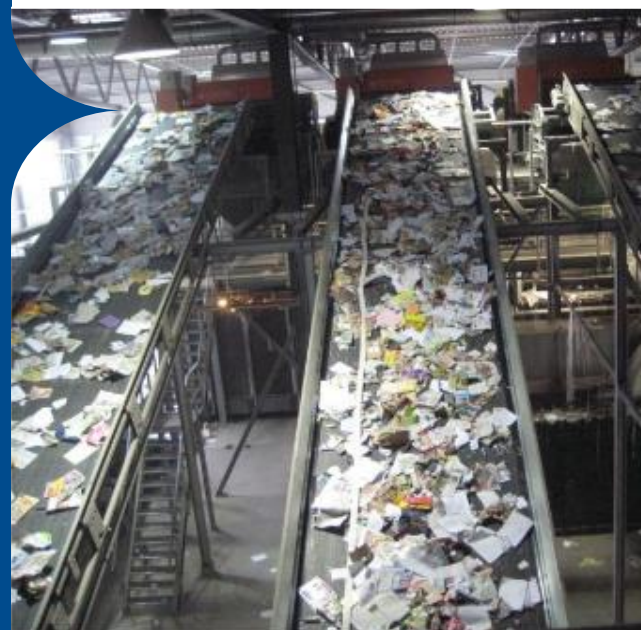


Digitalization & Data

Connected sorters, the use of data in the paper sorting industry

INGEDE Symposium



4500+

EMPLOYEES
GLOBALLY

Publicly listed on Oslo Stock Exchange (OSEBX: TOM)



890

Million EURO
REVENUES IN 2019



FOOD



RECYCLING



MINING



REVERSE VENDING



MATERIAL RECOVERY





INCREASE REVENUES

- Enhance purity
- Increase recovery rate
- New and innovative business fields
- Consistent quality of output streams



REDUCE COSTS

- Reduce labor requirements
- Low space requirements
- Easily adaptable
- Lower operational and service costs



OTHER BENEFITS

- Significantly fewer landfills
- Less environmental pollution
- More efficient use of primary resources

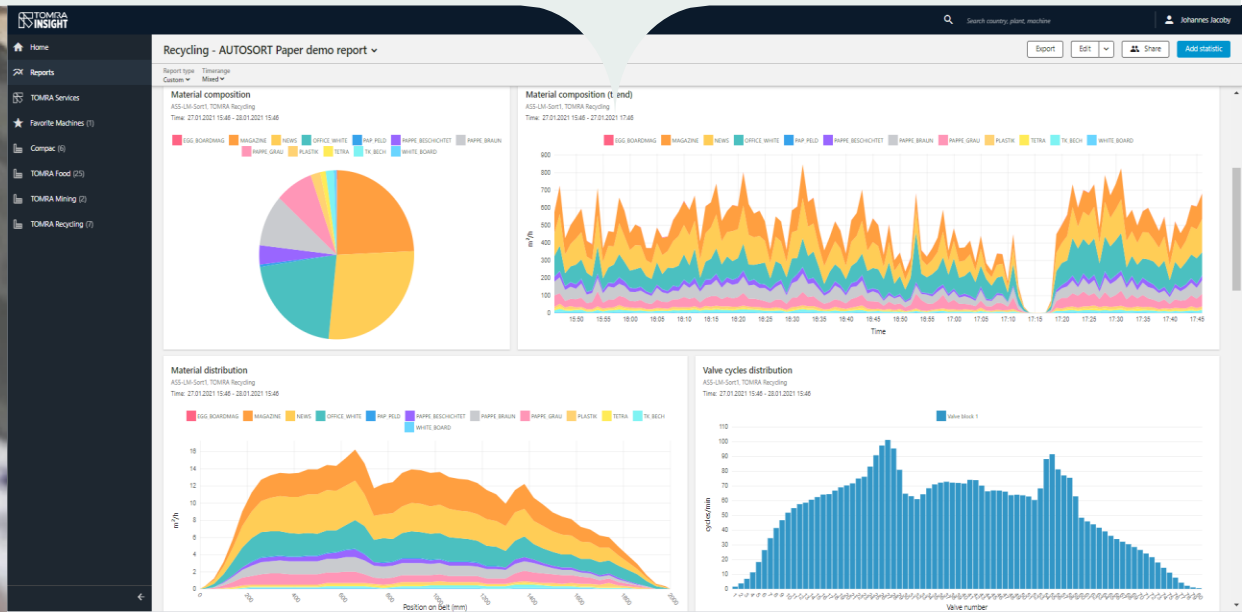




DATA USAGE TODAY & TOMORROW



TOMRA IS TRANSFORMING HOW WE USE OUR RESOURCES



Reduce Downtime



Maximize Throughput



ACCESS TO INFORMATION UNLOCKS NEW OPPORTUNITIES

Reduce Operational Cost



Sort to Target Quality



TRENDS & TECHNOLOGIES

Market trends

- Fiber based packaging
- Amazon effect

Technology trends

- Deep Learning
- Hardware improvements leading to improved quality
- Digital watermarks
- Industry 4.0





Highest purity for a future connected circular economy

A photograph of two men in a recycling facility. The man in the foreground is wearing a high-visibility yellow and black jacket, safety glasses, and a light blue shirt. He is smiling and looking towards the right. The man in the background is wearing an orange and grey high-visibility vest and a blue shirt. The background shows industrial equipment and metal structures.

Connect to TOMRA

#connectedsorting

#digitalsorting

#tomrainsight

#sortingdata

#connecttopossibilities

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