



Svensk Plaståtervinning

Rickard Jansson

Development Engineer



Vinnare av Dagens Industris
Årets impactbolag 2022

Svensk Plaståtervinning

2018

Established

100+

Number
of employees

2022

Impact-Gazelle
of the year
(Dagens industri)

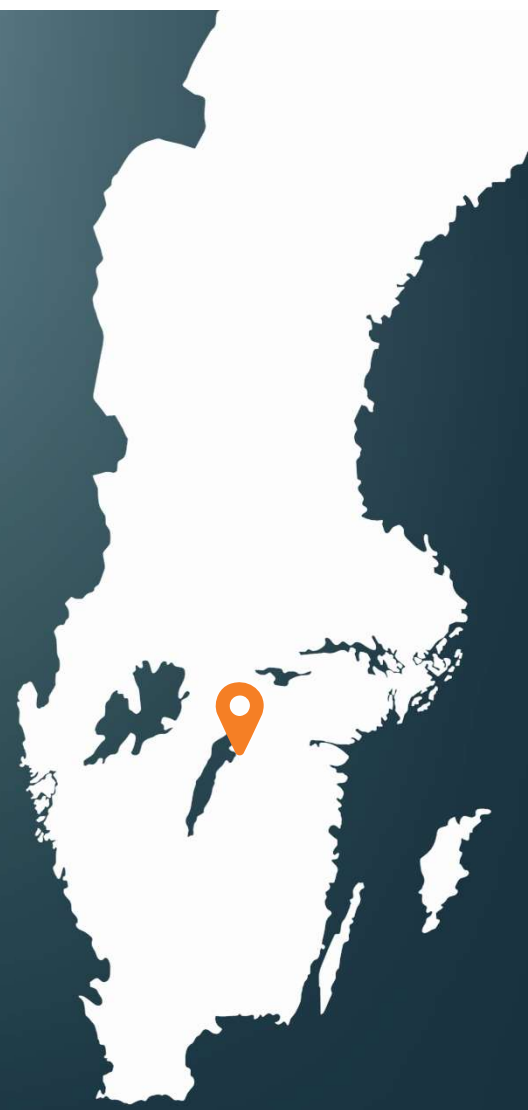


Headquarter, sorting and
recycling facility in Motala

Owned by

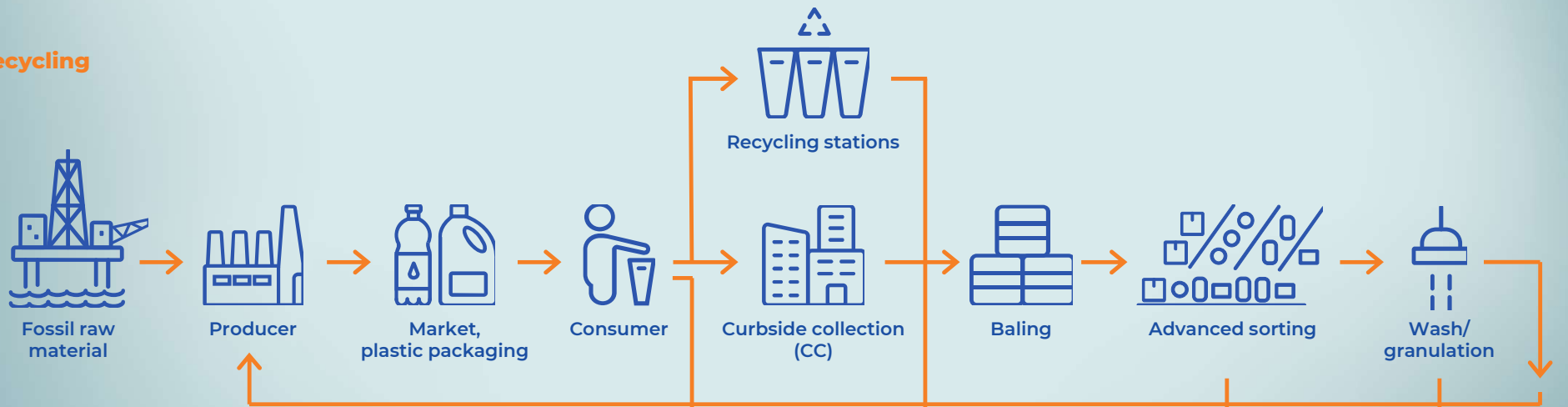
Plastbranschens Informationsråd
(IKEM + SPIF),
Dagligvaruleverantörernas förbund
(DLF),
Svensk Handel and
Svensk Dagligvaruhandel

**Svensk
Plaståtervinning**



Our recycling system today

Recycling



Energy recovery



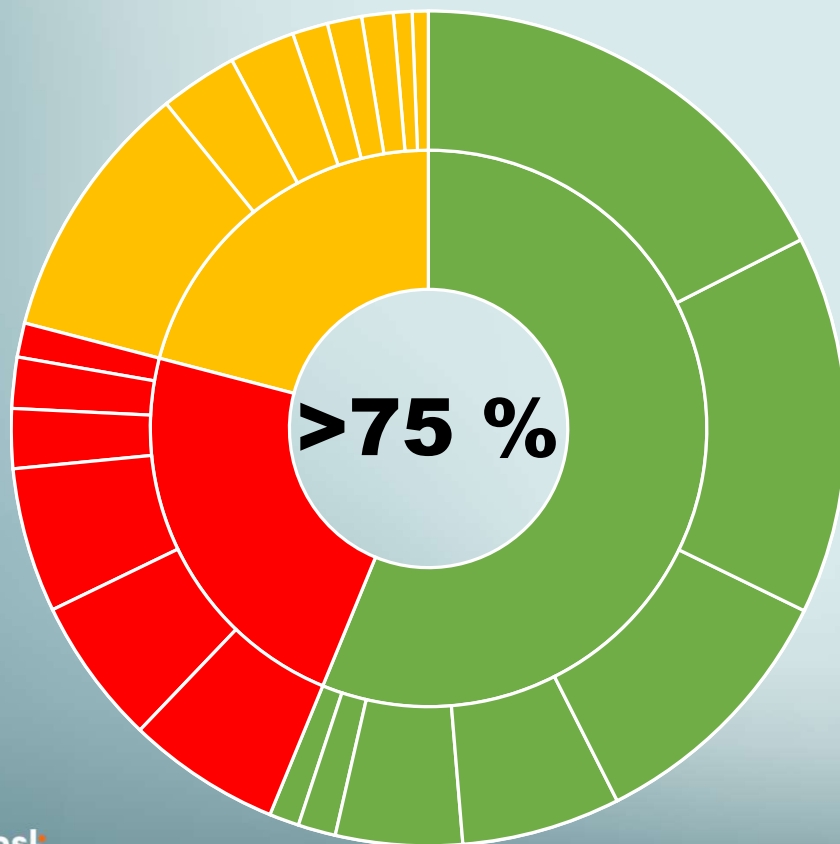
How do we make plastic packaging part of the circular economy?







Material composition of separately collected plastic packaging and its recyclability



High recyclability 56 %

- PE film transparent
- PP film transparent
- PP
- PE-HD
- PET trays transparent uncolored
- PET bottles transparent uncolored
- PS

Limited recyclability 21 %

- PE film colored
- PP film colored
- PE-foam
- PE-LD rigid tubes
- PET-bottles full sleeve
- PET-bottles colored/opaque
- EPS/XPS

Low/no recyclability 23 %

- Black plastics
- PE film multilaminates
- PET-trays multilaminates
- PET-trays colored/opaque
- Other plastics (ABS, PC, PVC etc.)

New **EU-legislation (PPWR)** proposed to start 2030



Recyclable
packaging:

100%



Recycling
rate:

55%



Plastic Packaging
with food contact:

10%

recycled
content



Other
packaging:

35%

recycled
content

High-quality recycling

As defined in most current PPWR proposal:

‘high quality recycling’ means any recovery operation /.../ that ensures that the **distinct quality** of the waste collected **is preserved or recovered** during that recovery operation, so that it can be subsequently recycled and **used in the same way and for a similar application**, with minimal loss of quantity, quality or function;

Site Zero

Sorted
plastic types:

12

fractions

Technology:

+60

digitalized sensors

Capacity:

200,000

tons

Speed:

1,000

packaging/sek

Svensk
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KLIMAT
KLIVET



Funded by
the European Union
NextGenerationEU

Site Zero

Circular recycling

Phase 1: 2023

Sorting of 12 plastic types:

- Rigid PP
- Rigid HDPE
- Flexibel PE
- Flexibel PP
- PET-bottles (transp)
- PET-bottles (colored)
- PET-trays (transp)
- PS
- EPS
- PVC
- 2 Polyolefin-mixes, metal and rejects

Granulates for composite-products

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