



recycling plastics



Minska plast till förbränning - Gävleborg och Älvkarleby  
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Van Werven Sweden AB – Frank Gustafsson



## Van Werven Infra & Plastic recycling

Employment:

800 staff

Sales:

120 Meuro per annum

Plastic recycling locations: 7 locations in 6 EU countries





*We recycle bulky rigid plastic waste  
into secondary raw materials, which...*





... are in the end used in a  
*wide variety*  
*of high quality end*  
*applications*



**200.000**

Tons of mixed  
plastics per year

**> 3.000**

Big bags  
per week

**50**

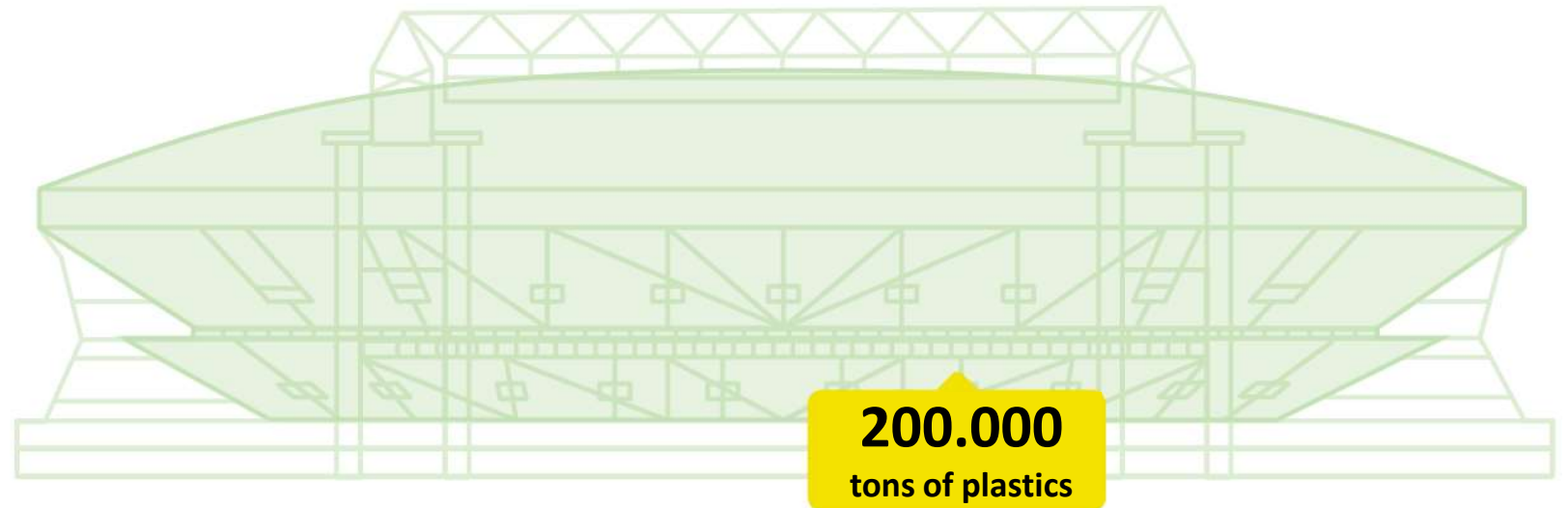
Different products

**600.000**

Tons of CO2  
emissions avoided

**+95%**

Highworthy  
recyclate





# Sexdrega Sweden



- Start activities *Step 1*: November 2018
  - sorting mixed plastics
  - baling and transport to the Netherlands
- Start activities *Step 2*: July 2021
  - washing and grinding
  - supplying regrind to customers in Sweden and other European countries





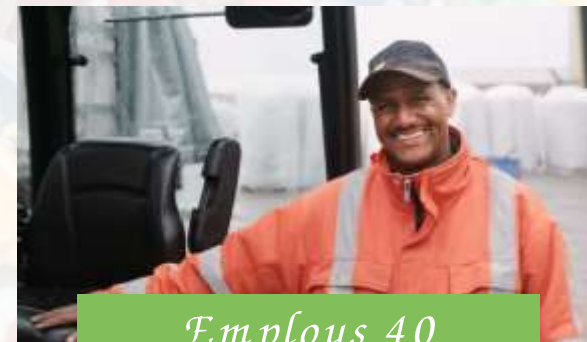
# Van Werven Sweden....



*Separates the material in up to 25 fractions*



*Supplies 50 end-products*



*Employs 40 staff*



*Exploits 20.000t processing capacity*

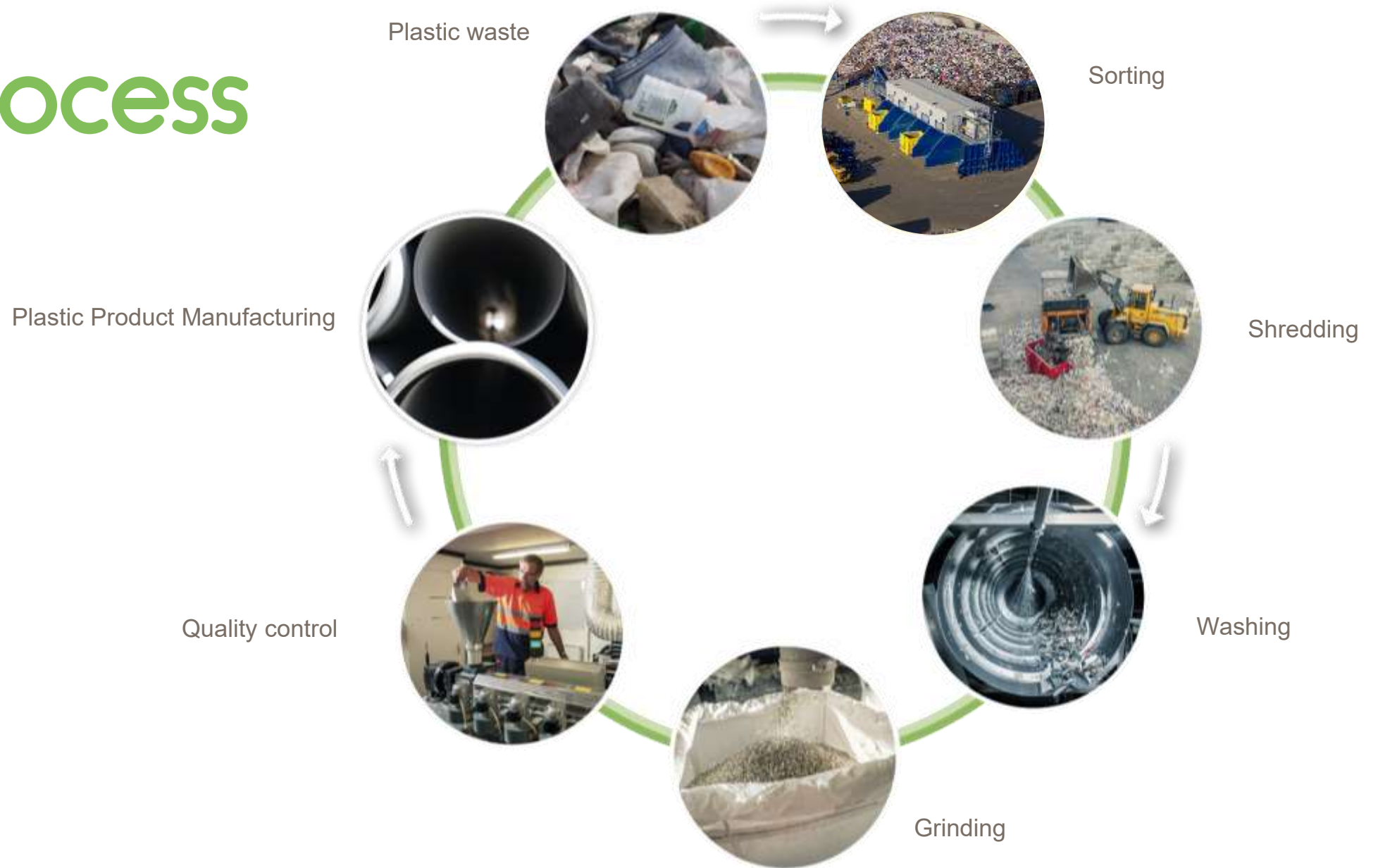


*Have invested around SEK 50 M in state-of-the-art recycling technology*



*45.000t CO2 emissions avoided*

# Our process













## Van Werven main locations and partners

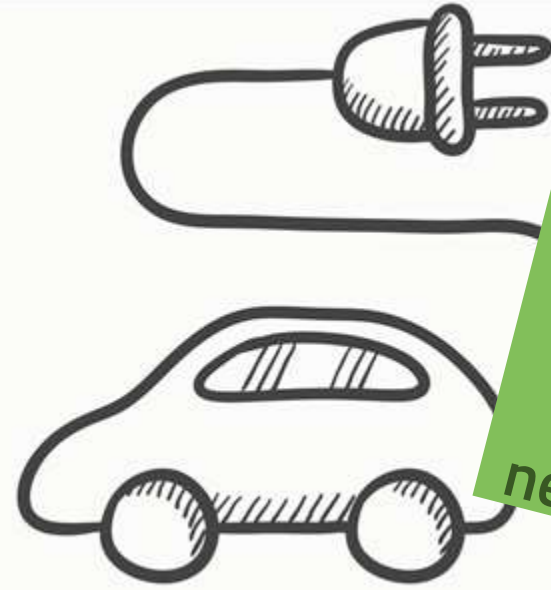




1



=



1,500,000 kg  
plastic collected =  
4,500,000 kg of  
CO2 emissions  
avoided once  
processed into  
new rawmaterial.

*1000 kg of collected rigid plastic waste has an equal environmental positive impact as 1 electric car during a year.*

**For Gävleborg and Älvkarleby this would equal 1500 electric cars annually, based on a population of 300,000 and 5 kg/person of rigid plastic being collected at the recycling centres annually.**

2



*Every load of regrind sold to the European Plastic Industry has an equal environmental positive impact as 44 electric cars*

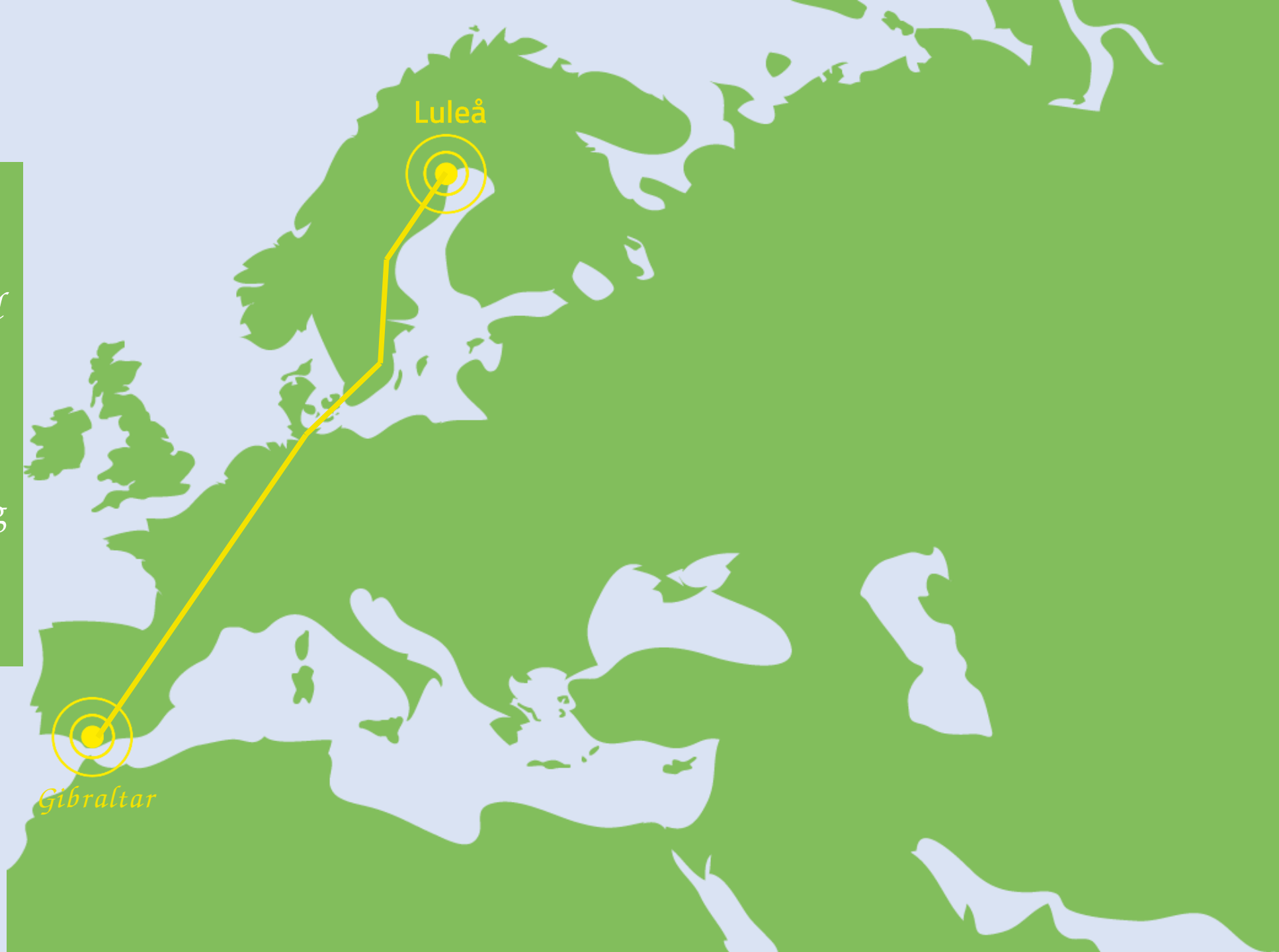




3

*Transportation of plastic waste has limited effect on CO<sub>2</sub> emissions compared to the associated savings.*

Maximum distance of waste transport until nett CO<sub>2</sub> emissions of recycling are negative compared to incineration is around 4.700 km.



*Plastic Recycling  
is the biggest part  
of the solution!*

*[recyclingplastics.se](http://recyclingplastics.se)*

