Responsible recycling

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Linear economy
Circular economy
Rethink, React, Recycle
Why is recycling so important?

- Recycled aluminium uses 95% less energy than new metal made from ore
- It reduces CO\textsuperscript{2} emissions and protects the environment
- Recycling provides new raw materials
- Recycling iron and steel saves 74% energy
- Recycled materials lower production costs
How can we do it?

we need:

- Political willingness
- A healthy market
- International collaboration
- People to understand it’s profitable in many different ways
- There are huge energy savings to be made from using recycled metal
What are the other rewards?

- Recycling creates a win-win situation
- Sustainability (economic and environmental)
- Corporate Social Responsibility
- Scrap metal is a significant energy resource
What does it take to recycle?

- Matchmaking
- Analysis
- Handling the bureaucracy
- Transportation
- Knowledge and experience
The process of successful recycling

1. Collect the recyclable material
2. Supply to Specification
3. Quality control
4. Sort it and process it
5. Find out who will benefit from it
6. Analyze it
What do we have to do in the future?
Rethink
React
Recycle
KAABS
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Responsible recycling
www.kaabs.se