Recycling of e-waste
Bringing value to the society
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General framework


Five categories of e-waste

LHHA  SHHA  LE  CRT  CF
Research questions

• Benefits of material recycling?
• Benefits of (H)CFC removal and destruction?

How?

• Comparison of primary and secondary materials
• Data used
• Modelling
Setting priorities

![Graph showing CO2 emissions in kg CO2 eq. per tonne for different materials: aluminium (11000), copper (540), iron (1400), zinc (400), glass (5), plastics (90).]
Setting priorities

(H)CFC removal: 530,000 tonnes CO$_2$ eq. avoided

Material recycling: 73,000 tonnes CO$_2$ eq. avoided
The U turn you need…. and that PRé delivers

1. Understand the sustainability landscape
2. Develop and build the metrics framework
3. Implement in your organization
4. Create value

Route towards value creation
Insights and lessons learned

• Complex system? Look at it from a distance and make it simple
• Gut feeling and analysis can show huge differences
• Answers lead to new questions
Thank you

- More information on www.pre-sustainability.com
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