Overshoot day

The day of the year when humanity has exhausted nature's budget for the year. For the rest of the year, we will maintain our ecological deficit by drawing down local resource stocks and accumulating carbon dioxide in the atmosphere.

- 1986: 31st December
- 2014: 19th August
- 2015: 13th August

Ecological overshoot is possible only for a limited time before ecosystems begin to degrade and possibly collapse.

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Stina Oscarson
Director, author and
Social commentator

Prerequisite for a sustainable future

- We must accept death and rather work for the coming generations than for ourselves.
- ”Everything is just for loan.”

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John Ruskin
Poet, art critic and author
1819–1900

Thoughts on sustainability is nothing new

- When we build, let us think
  that we build for ever.”

- “Men cannot benefit
  those that are with them
  as they can benefit
  those who come after them.”

- “Life without industry is guilt,
  and industry without art is brutality.”

Ellen MacArthur

Sailor and founder of the Ellen MacArthur Foundation

Circular economy the only way forward

- “I had become acutely aware of the true meaning of word finite, and when I applied it to resources and the global economy, I realised there were some big challenges ahead.”

- Reuse, material recovery, energy recovery

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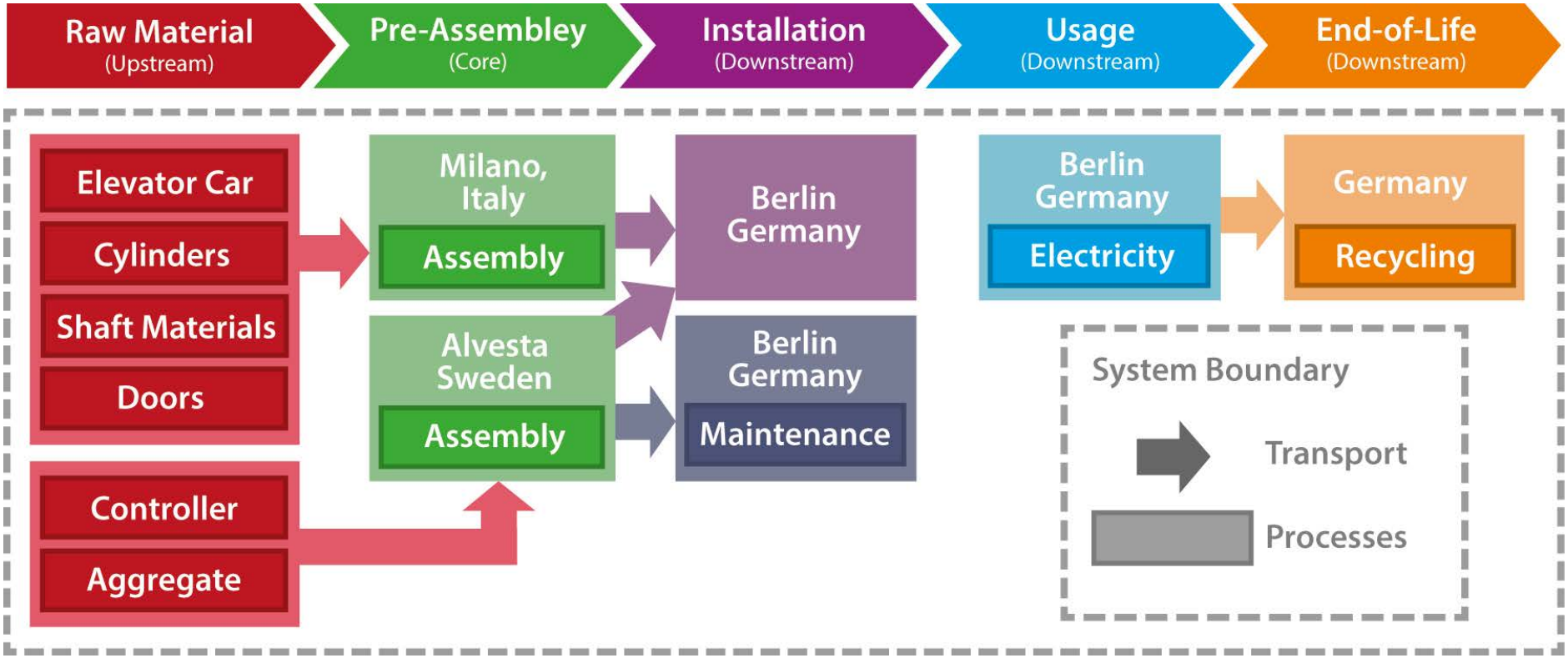
Product Categories Rules (PCR)

Life Cycle Analysis (LCA)

Environmental Product Declaration (EPD)



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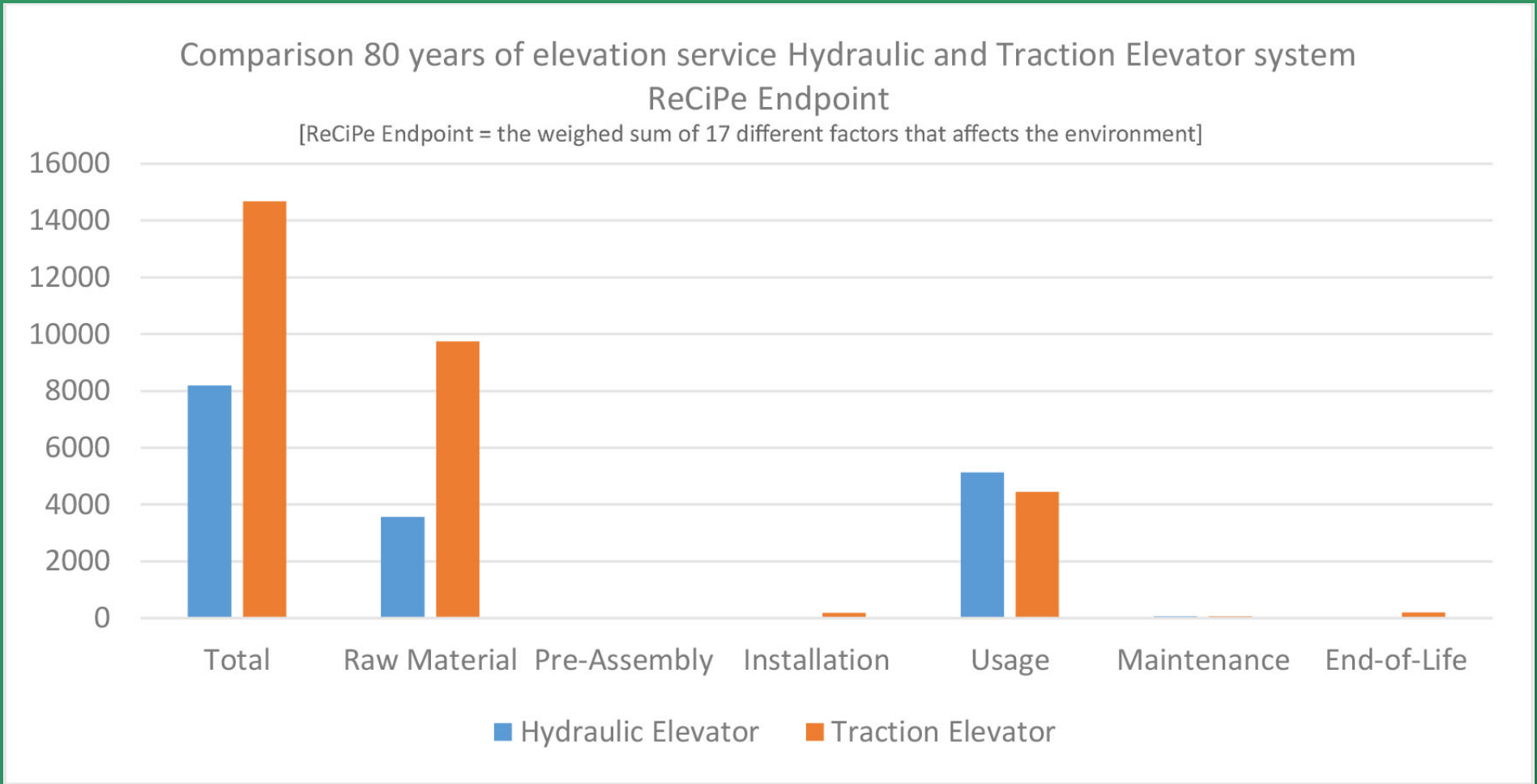
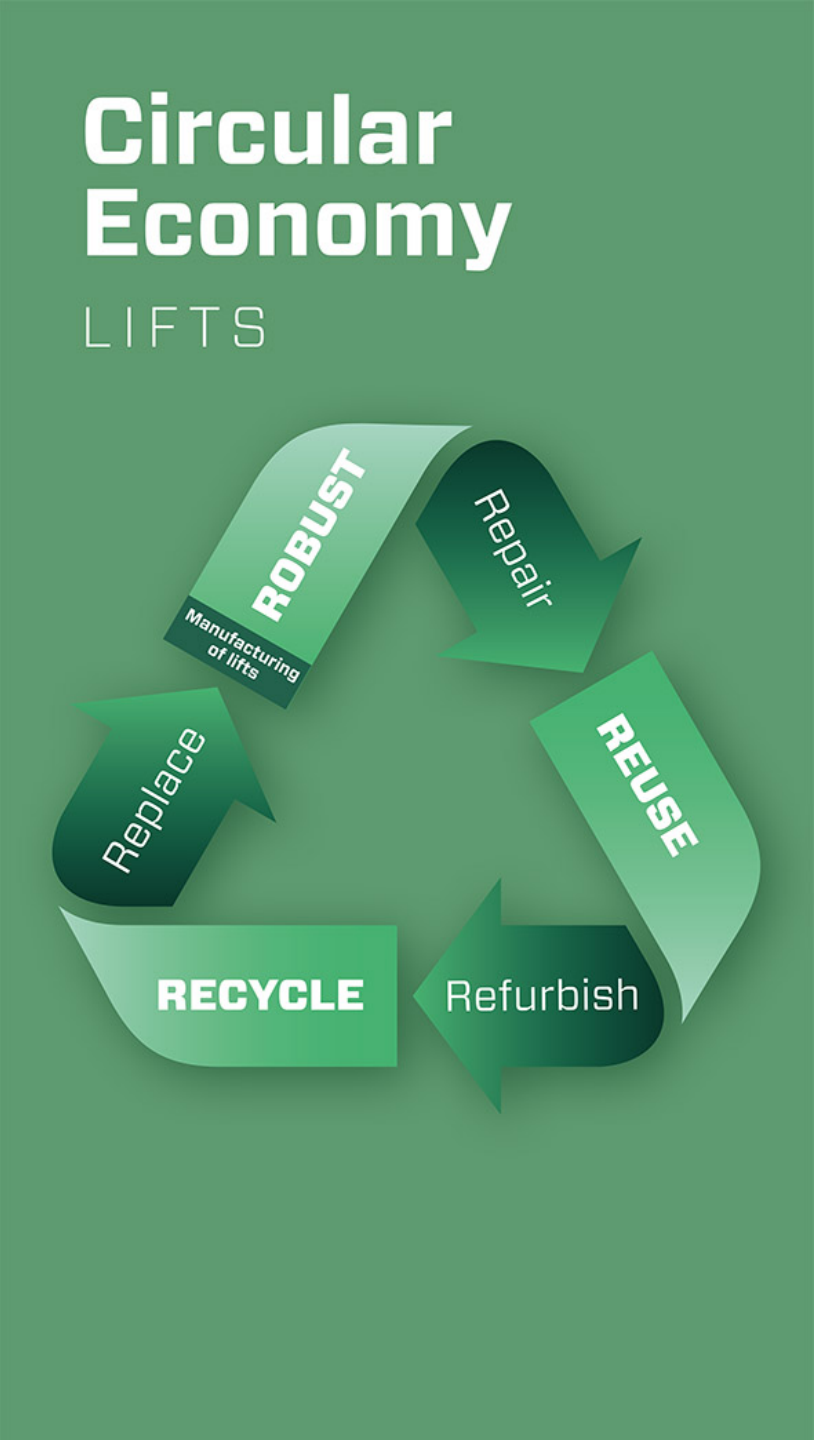
Life cycle assessment



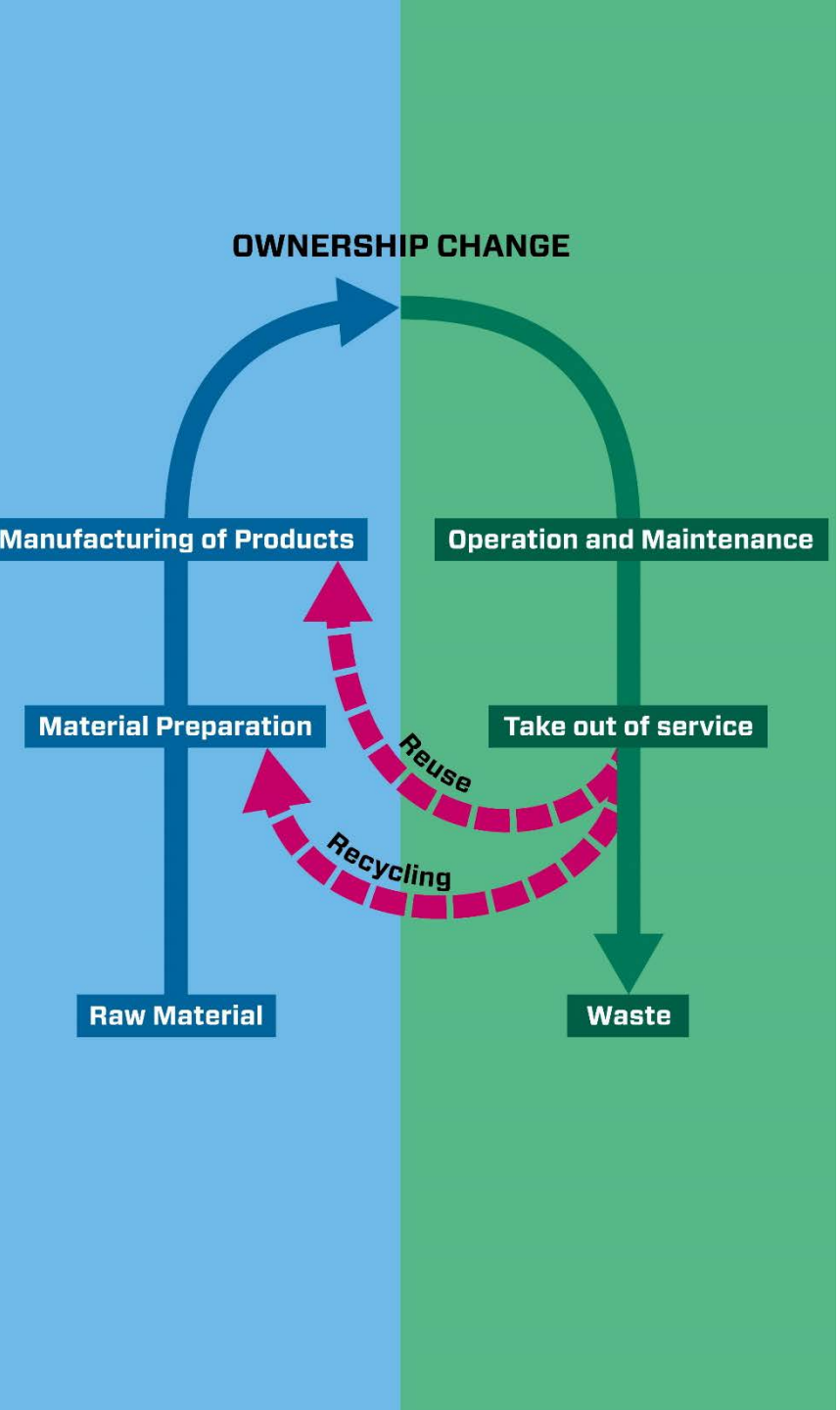
Circular economy for lifts

- A lift contains a wide variety of different components with a huge diversity in life time span.
- Installed in buildings with a very long life time
- Installed in a nice environment



Sustainable lifts

- Produce robust lifts and repair during the first life cycle
- Modernise and reuse as much material as possible
- Repair during next life cycle
- When the building is taken out of service we shall reuse, recover material and recover energy



How to get out of wear & tear mentality

- Change of ownership hinders real product liability
- Responsible product development based on life cycle assessment (LCA)
- Calculations based on life cycle cost(LCC)
- Tax swapping from labour to material- and energy recovery

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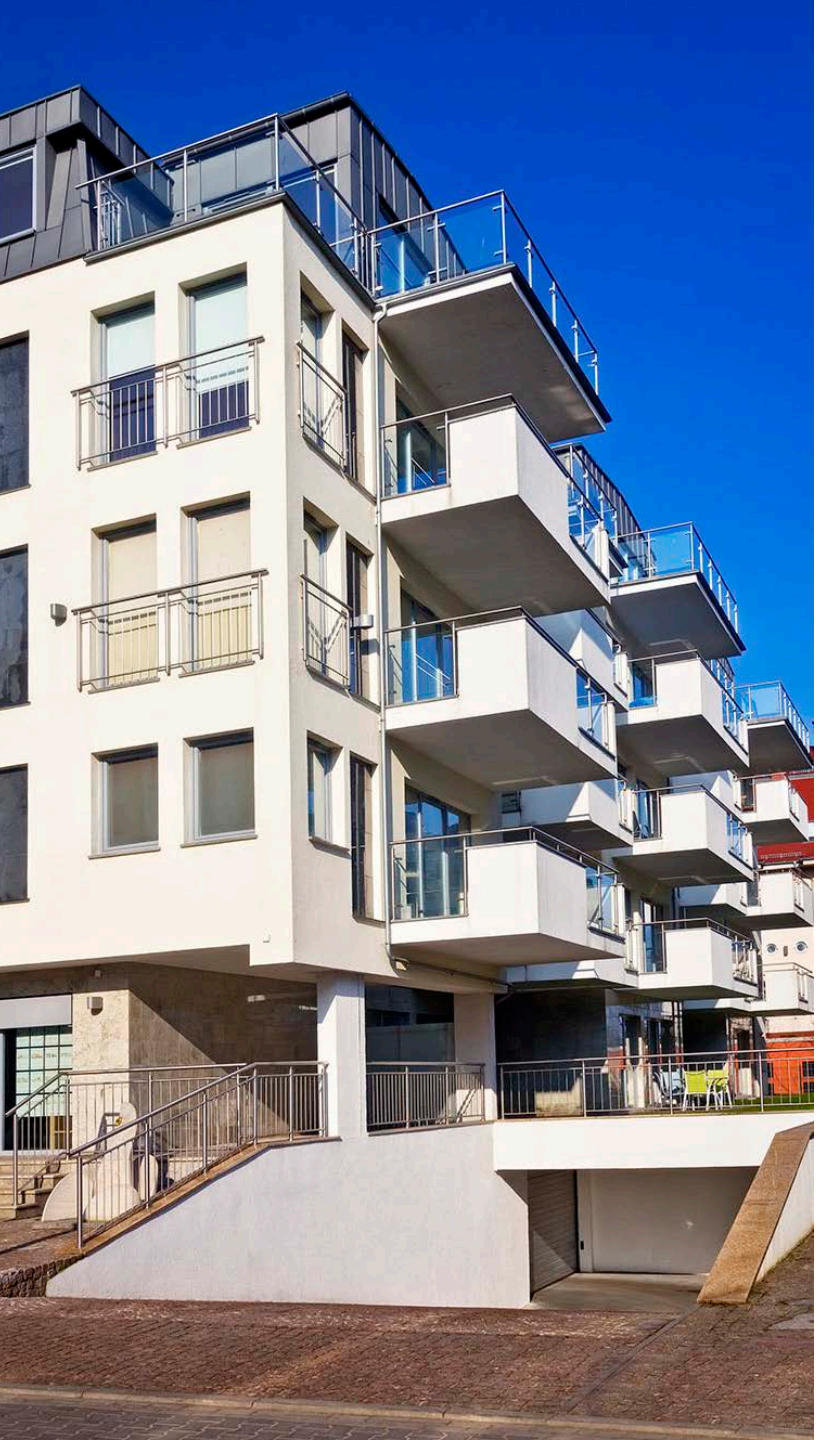

Correct choice of sustainable lifts

- Stockholms Kooperativa Bostadsbolag (SKB)- long term ownership
- Private building – short term ownership

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Thank you for listening!

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