

Input-Output Analysis and Environmental Management Systems

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Environmental Management at Aalborg University

Environmental Vision

- Aalborg University will be a **driving force** in the creation of a sustainable development locally, nationally and internationally.
- Through openness, collaboration and creativity we will lead the effort and through education and research **promote sustainable solutions** and **create environmentally conscious and engaged students and staff.**
- We wish to create **permanent environmental improvements** and will engage in minimising our total energy consumption and increase our share of renewable energy.



Environmental Management at Aalborg University

Environmental Policy

Through education, research, engagement, and operations & maintenance, Aalborg University wishes to reduce its environmental impacts and proactively contribute to a sustainable development through continuous improvements.

Aalborg University will promote this policy by focusing on:

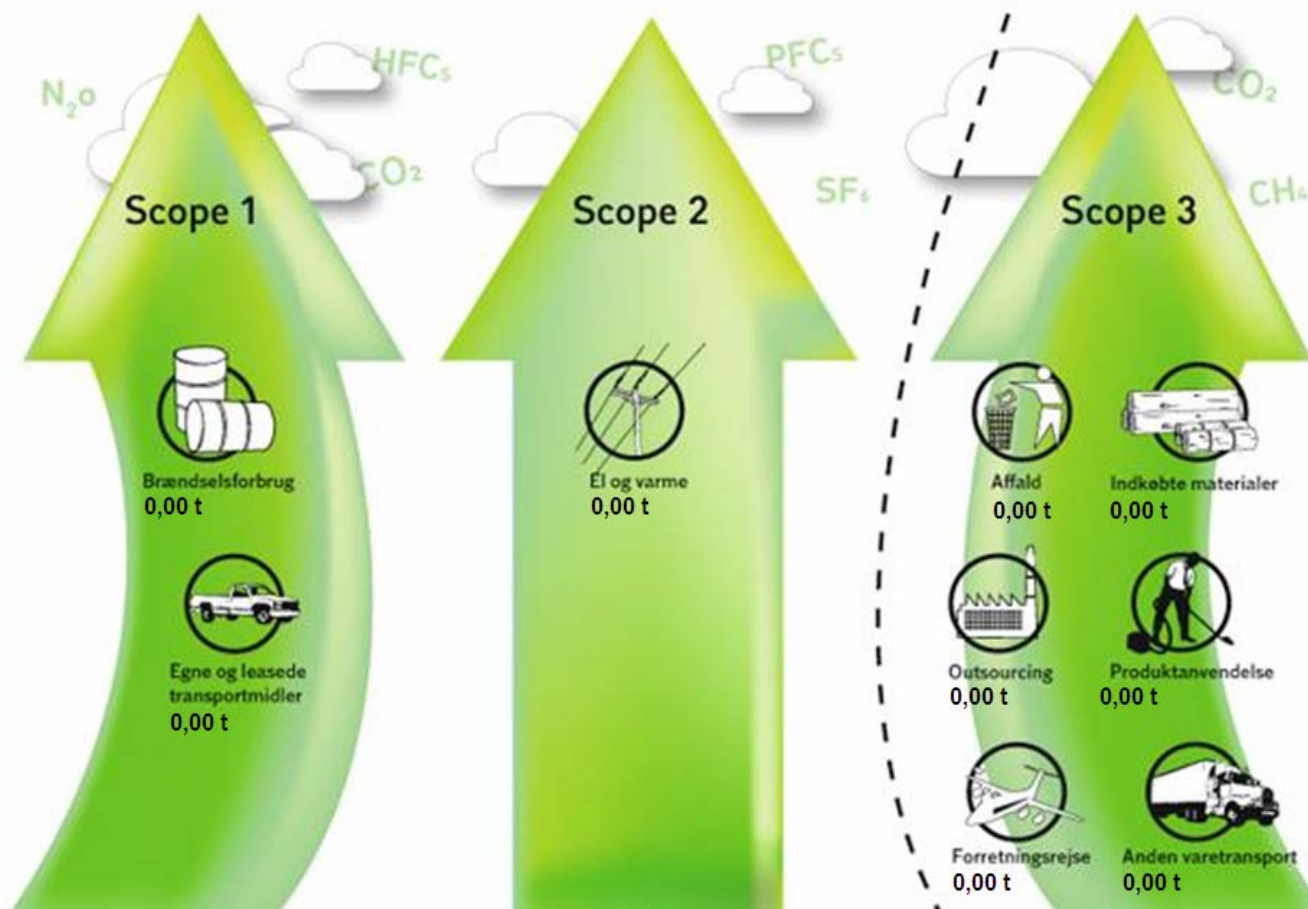
- operations & maintenance and transport
- energy consumption to become CO₂-neutral
- increased environmental awareness through education and interdisciplinarity
- sustainable society through research and relevant dissemination of knowledge



Why IO?

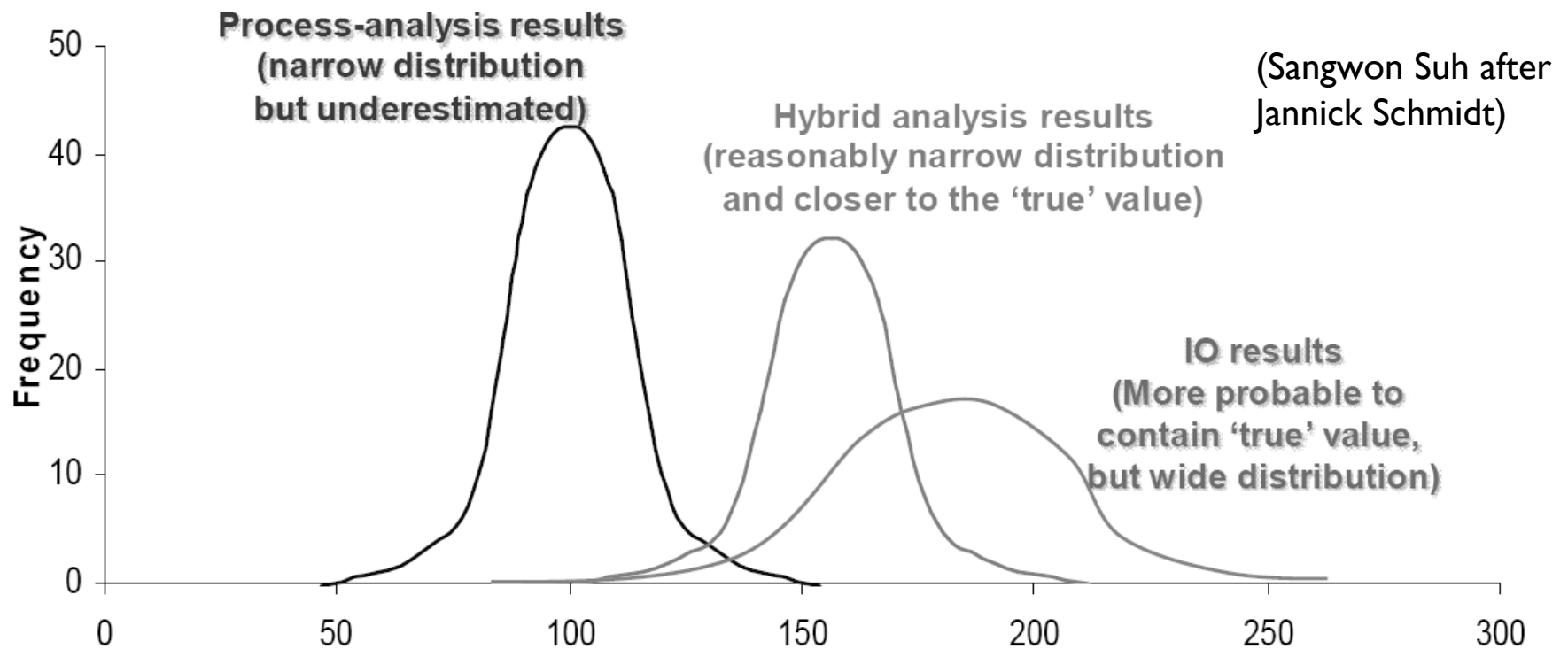
Standard regnskab

Udvidet regnskab

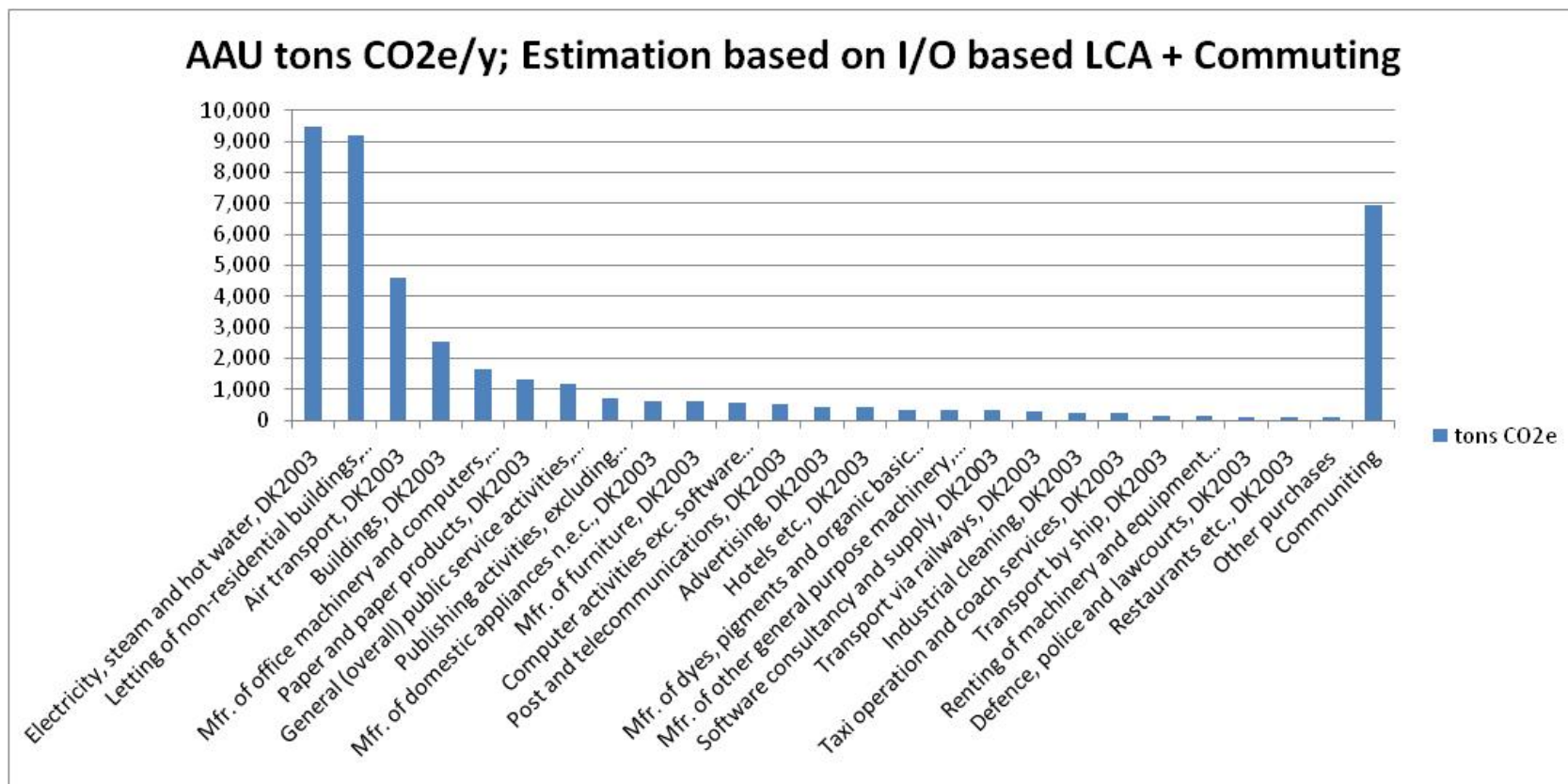


Personale og bygninger (Aalborg)
Antal ansatte og studerende
Bygninger, brutto-m ²
Fjernvarme, m ³
Fjernvarme, kWh
El, kWh
Vand, m ³
Papirindkøb, 1.000 stk. A4
Dagrenovation, tons
Papir og pap til genbrug, tons
Jern og metal til genbrug, tons
Nøgletal
Fjernvarme, m ³ /m ²
Fjernvarme, kWh/m ²
El, kWh/m ²
Vand, m ³ /m ²
Papirindkøb, stk. A4/person
Dagrenovation, kg/person
Papir og pap til genbrug, kg/person
Jern og metal til genbrug, kg/person

IO vs 'normal' process LCA



Environmental Management at Aalborg University total carbon footprint



Prioitisation at AAU;

- IO for scoping
- Process LCA or 'measurements' for performance check and higher precision