

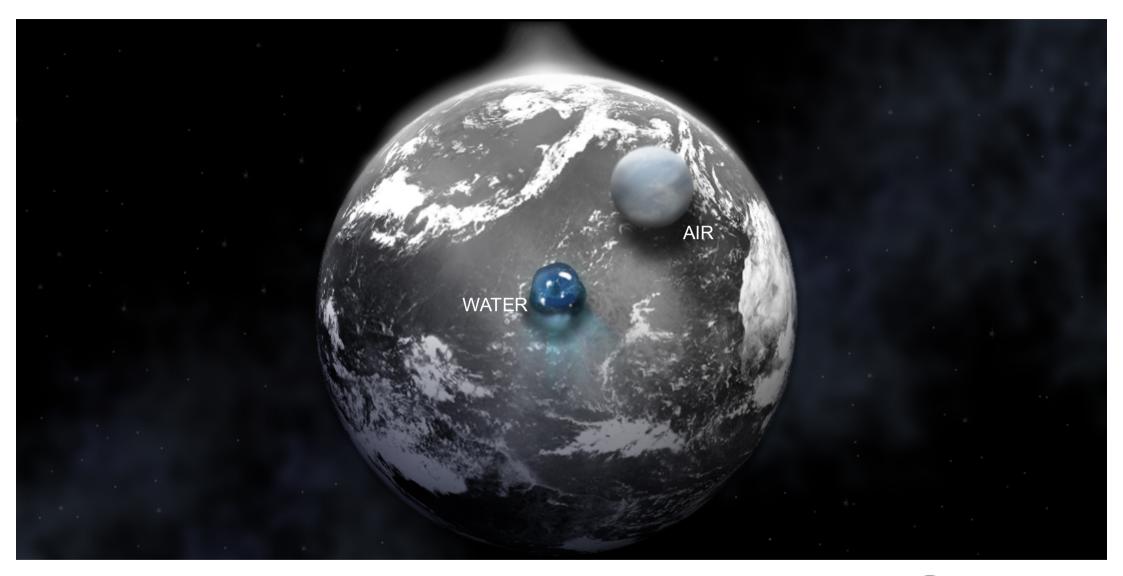
Nils-Gunnar Vågstedt

Chief Engineer, Electromobility Scania

Annika Ahlberg Tidblad

Senior Engineer, Materials Technology, Hybrid and Electronics Scania







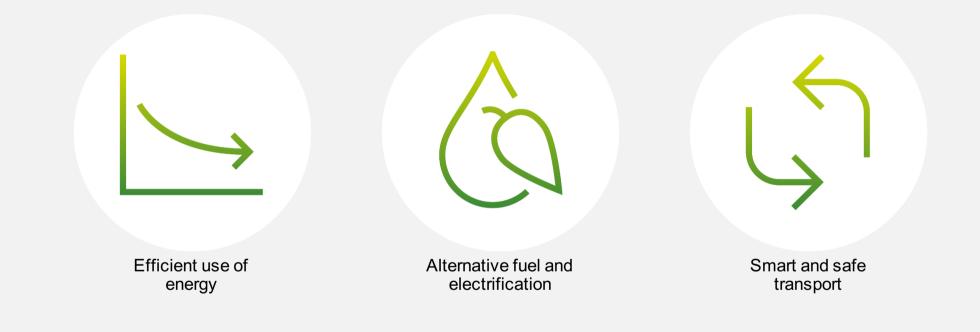


Main drivers for sustainable transport





Scania's approach to sustainable transport





Three heavy duty truck arenas with very different needs

Flow in and between cities

Flow in the processing industry

Logistics flow





Flow in and between cities

Today

- Biodiesel and HVO hybrid
- Biogas
- Ethanol

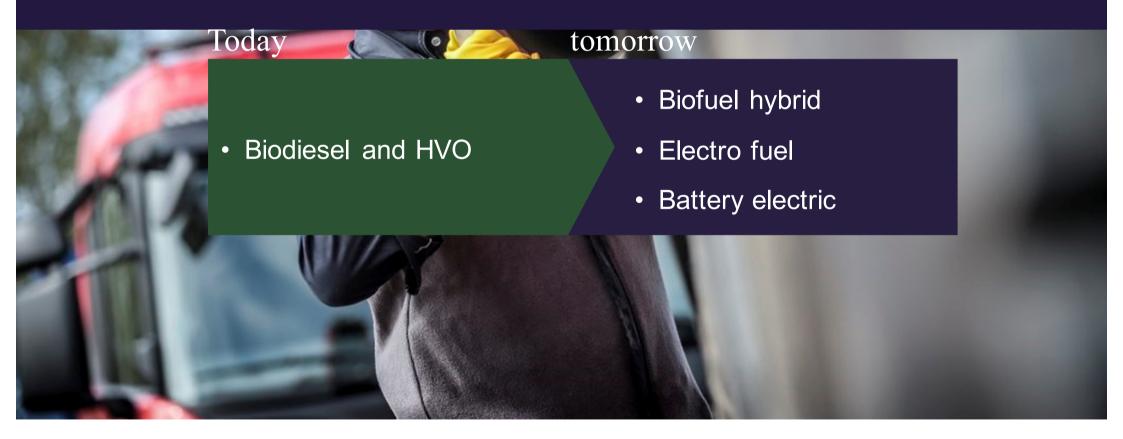
tomorrow

- Biofuel hybrid
- Electro fuel
- Battery electric



Flow within the processing industry





Logistics flow

• LNG

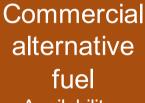
Today

• Biodiesel and HVO

tomorrow

- LBG low blended with hydrogen
- Biofuel hybrid
- Electro fuel
- Electric with fuel cell
- Electrified road

Technology consideration



• Availability

Cost

Operational factors

- Taciors
- Optimized filling rate
- Reduce empty miles
- Shorten delivery times

•

Low running costs

Technology limitation

- Weight and volume of fuel storage
- Livslängd och prestanda
- System integration factors
- Andra ramfaktorer



parcisa

