In the Driver Seat Towards Sustainable Transport

Andreas Follér
Sustainability Manager
The four main drivers for sustainable transport

Congestion

Pollution

Energy security

Climate change
We need to make our footprint as light as possible

IPCC AR5, 2014
Prognosis for heavy duty transport energy use in Sweden

Energy Use (TWh)

2020 2030 2040 2050

Fossilrihet på väg (SOU 2013:84)
Prognosis for heavy duty transport energy use in Sweden

Can we cut energy use like this?

Fossilfrihet på väg (SOU 2013:84)
With the right measures this can be done

Energy efficiency gains through transport planning
Energy efficiency gains through better driving strategies
Energy efficiency gains through improved vehicle technology

Fossilfrihet på väg (SOU 2013:84)
Energy efficiency and a few TWh renewables provides a good start

Fossilfrihet på väg (SOU 2013:84)
Until 2030 further efficiency measures, more renewables and electricity
And the development continues to 2050
Reaching our customer’s sustainability objectives is our mission
Scania’s approach to sustainable transport

- Energy efficiency
- Alternative fuels
- Smarter transport
Scania’s approach to sustainable transport

Energy efficiency

Alternative fuels

Smarter transport
**Energy Efficiency – The DNA of the industry**

<table>
<thead>
<tr>
<th>Powertrain performance</th>
<th>Vehicle optimization</th>
<th>During operation</th>
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A complete energy efficiency solution – Eolution by Scania
Scania’s approach to sustainable transport

- Energy efficiency
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The CO$_2$ targets can be reached here and now

- Natural gas: -20%
- Biogas: -90%
- HVO: -90%
- Biodiesel: -66%
- Ethanol: -90%
- Hybrid: -92%
Scania’s approach to sustainable transport

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Currently 160 000 connected vehicles

Driving over 30 000 laps around the world every month