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# SCANIA -DRIVING THE SHIFT



**SCANIA**







# A fast-changing world

## Global drivers

Urbanisation Sustainability Digitalisation

## Industry trends

Connected

Alternative  
Fuels  
&  
Electrified

Autonomous



# Sustainability at Scania

## Sustainable transport

Doing the right things



## Partnership driven leadership

## Responsible business

Doing things right



## SUSTAINABILITY TARGETS

**100%**

fossil free electricity by 2020

**50%**

CO<sub>2</sub> reductions from land transports by 2025 (2016)

**50%**

CO<sub>2</sub> reduction from our own operations by 2025 (2015)

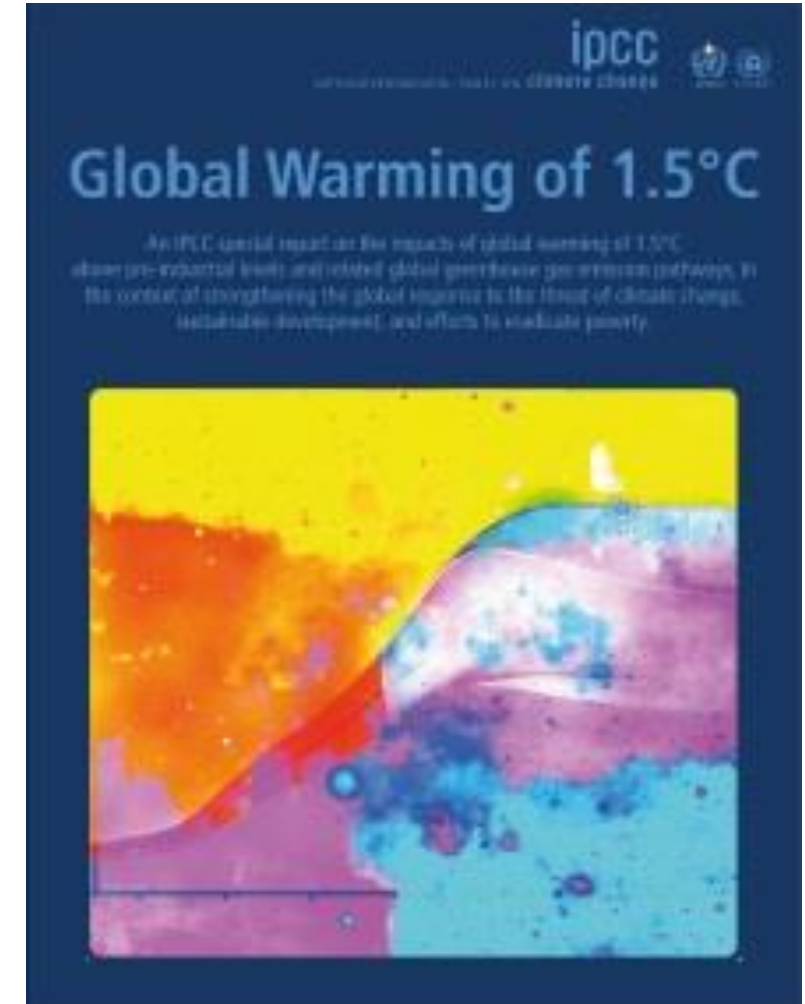
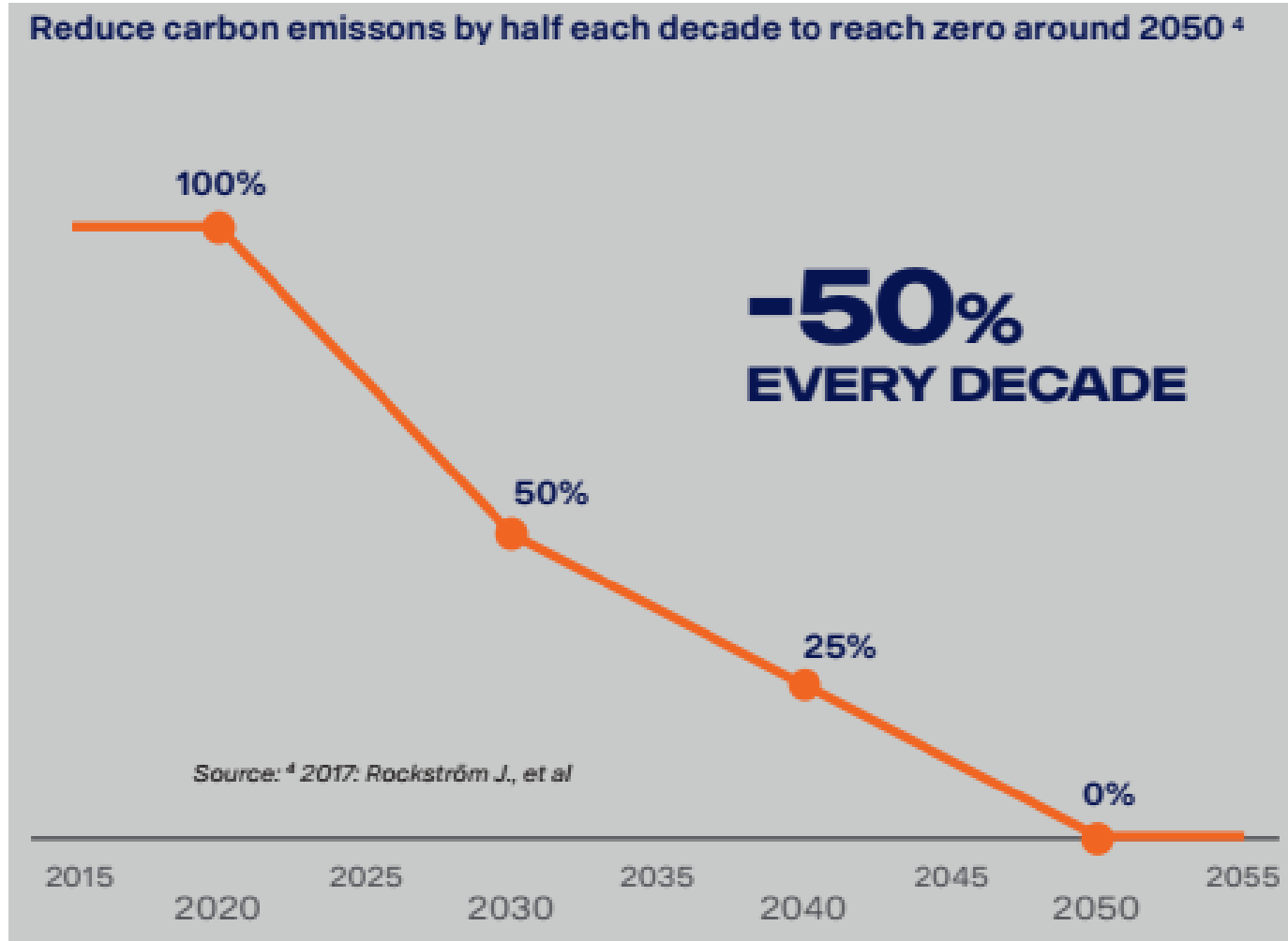
**100%**

Low Sustainability Risk Suppliers 2022

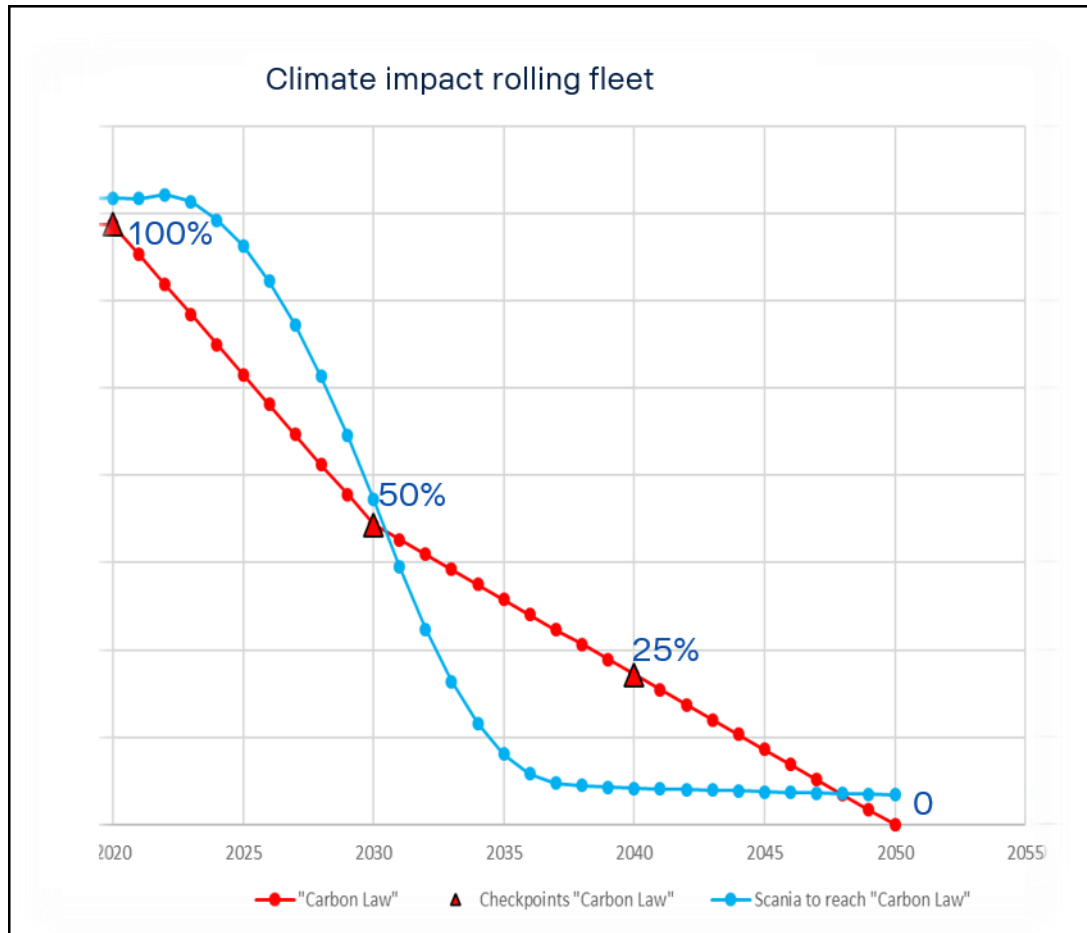




# What Science tells us we need to do



# On the rolling fleet?



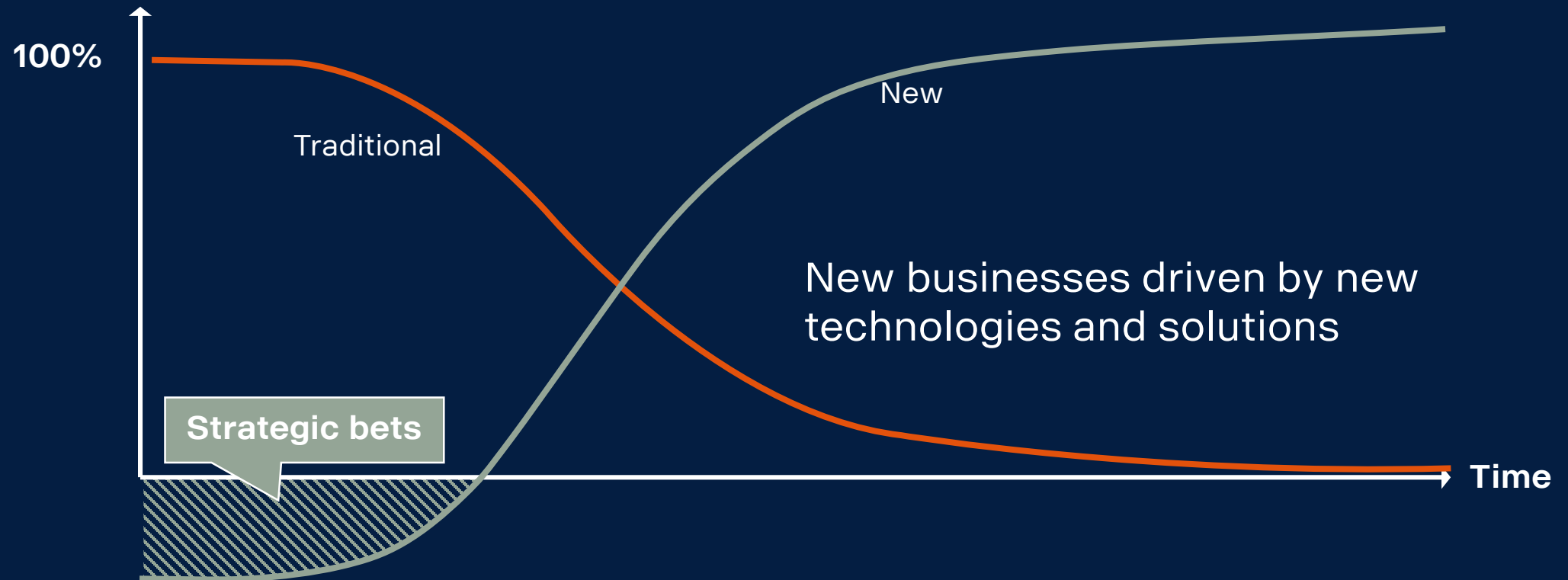


# The road to Sustainable Transport





# Technology and Business shift







# Partnership leading the way





# Achieving a fossil free commercial transport system by 2050 – at the latest



**e-on**

**H&M**



**SIEMENS**





**SCANIA** northvolt®



# Scania's approach to sustainable transport

## Here and now



Energy efficiency



Alternative fuels  
and electrification



Smart and safe  
transport



# Energy efficiency

**New  
truck range**

Average 5%  
fuel savings

**Optimised  
specification**

Based on  
operational  
analysis

**Optimised  
driving**

Scania Driver  
services

**Optimised  
maintenance**

Maintenance+



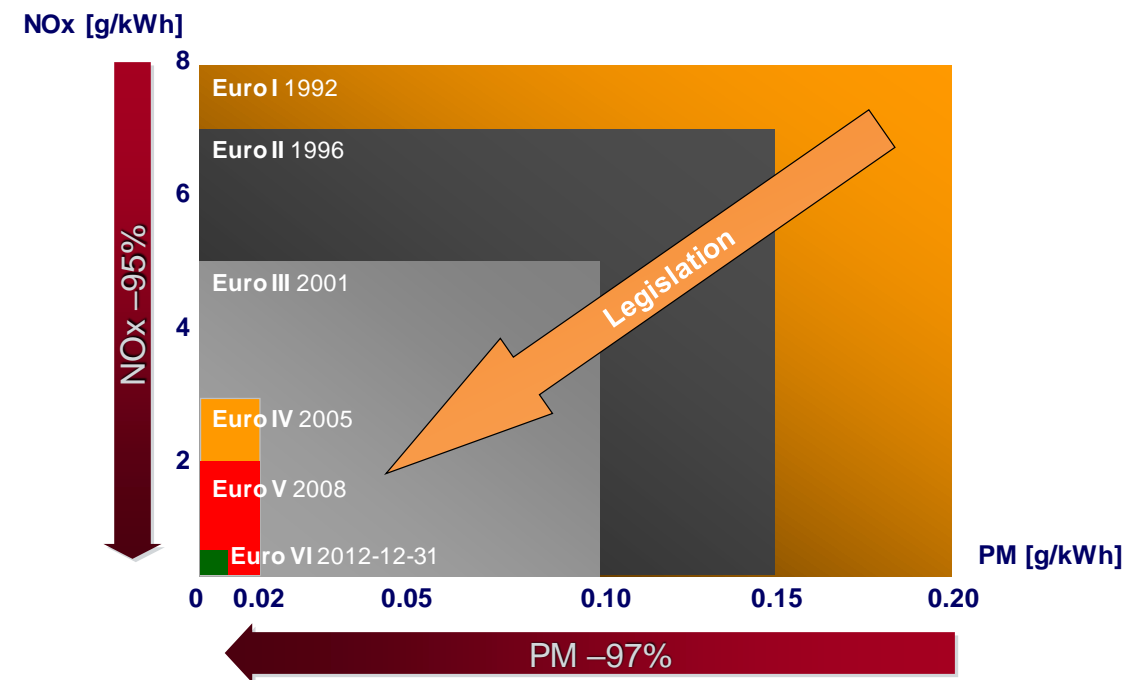
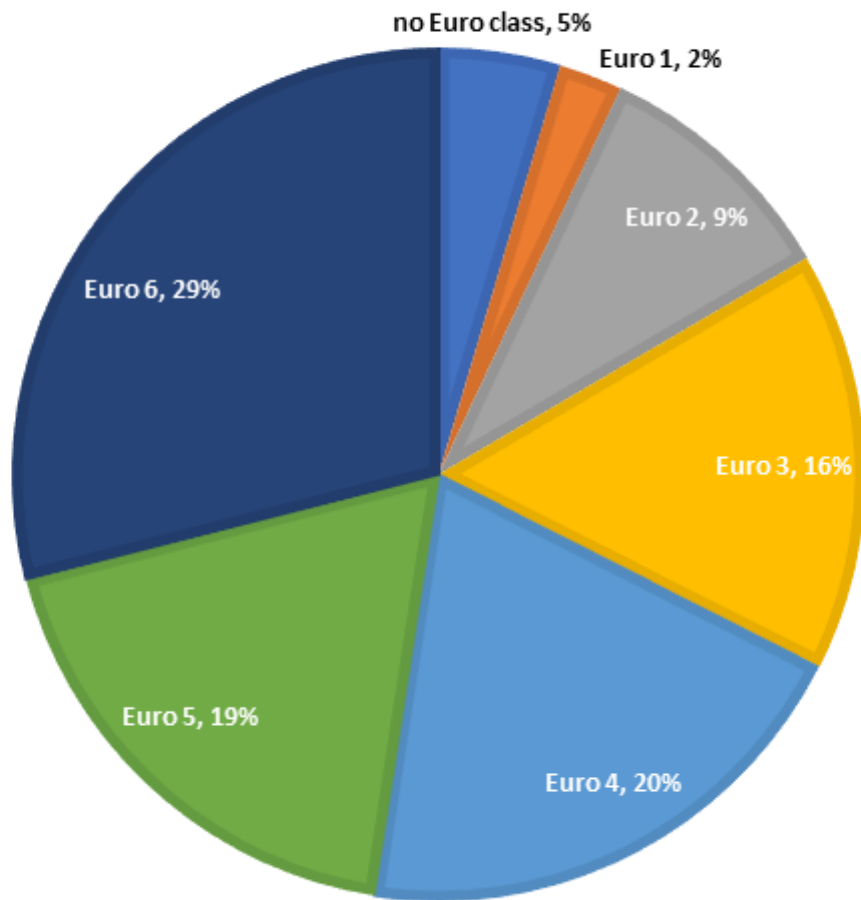
Energy efficiency





# Park renewal

ACTIVE VEHICLE PARK, ESTONIA, 20 000 TRUCKS AND BUSES





# CO<sub>2</sub> REDUCTION TO BE REACHED HERE AND NOW



Natural gas  
15%

Biogas  
90%

HVO  
90%

Biodiesel  
FAME  
85%

Ethanol  
90%

Hybrid + HVO  
90% plus



Alternative fuels  
and electrification



The numbers presented are the current maximum CO<sub>2</sub> (up to X%) reduction potential per km driven.



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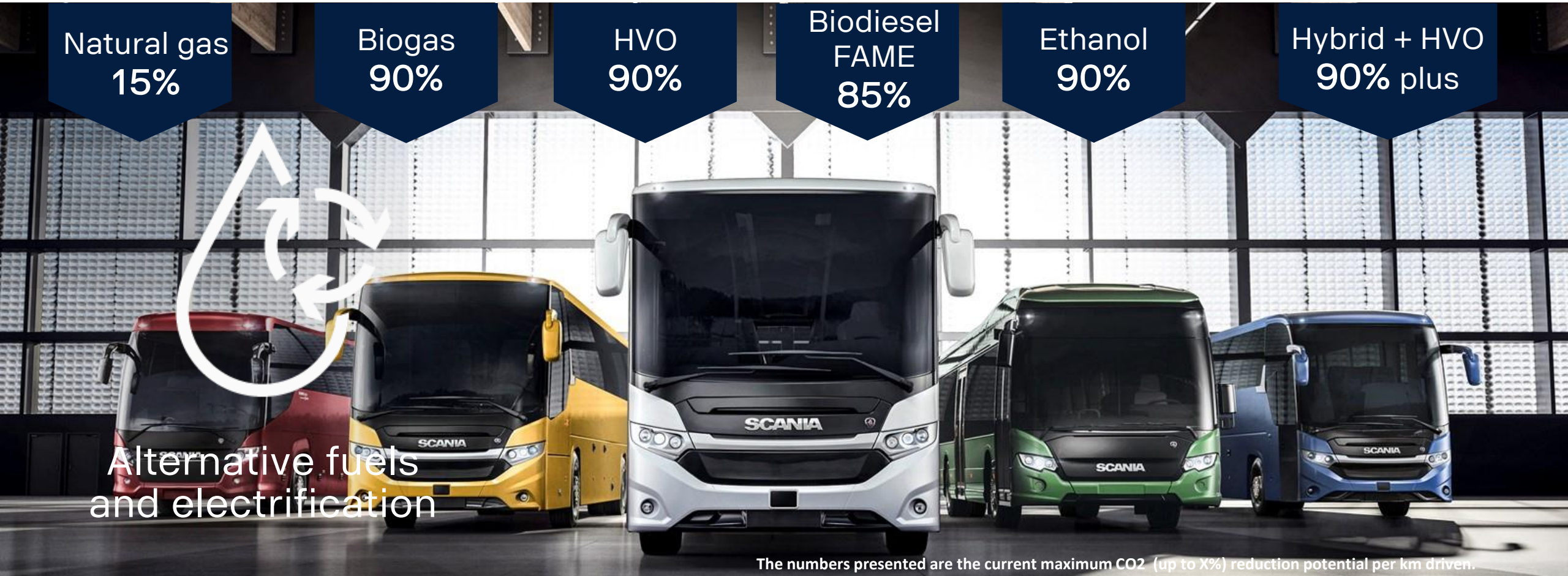
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Alternative fuels  
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# Gas consortium

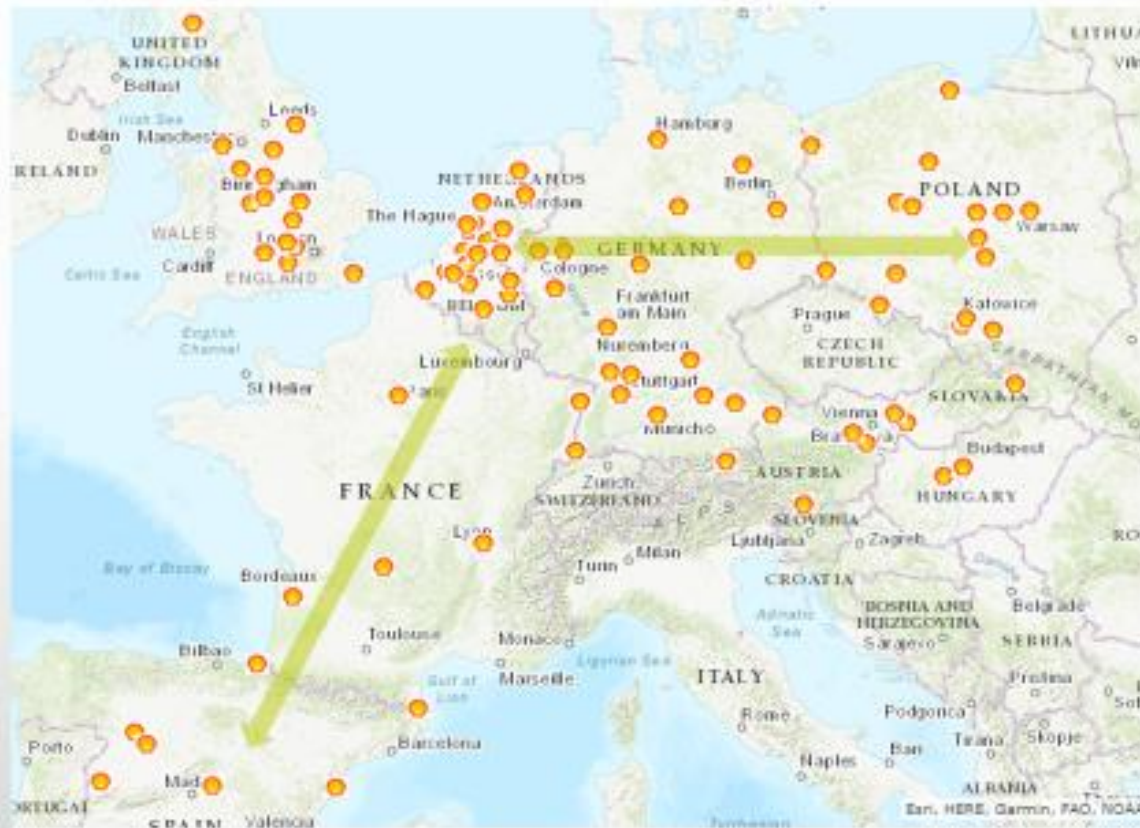
**2023**

**39** Refill stations in main transport corridor will be deployed

**1** Bio-LNG plant mixing LNG stations to lower CO<sub>2</sub> with 35%

**2000** LNG Trucks run on Bio LNG

**6 countries :**  
D,NL,B,F,ES,PL\*  
\*possibilities for neighbour countries







SCANIA interlink

SCANIA INTERLINK

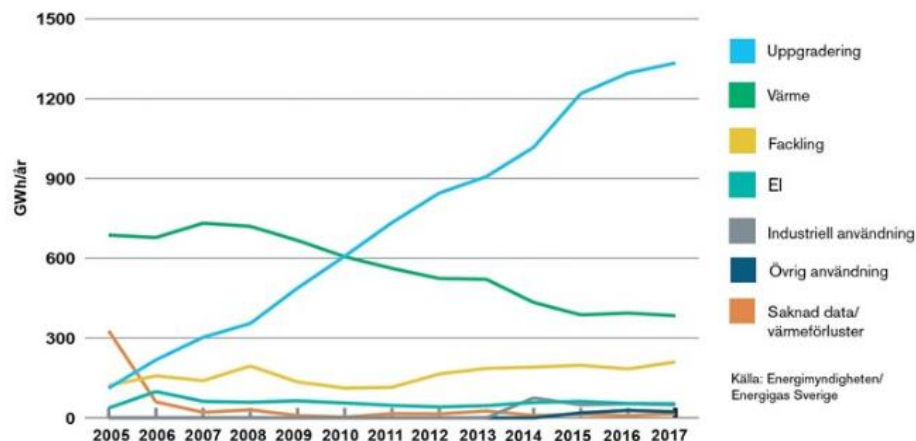
GNL

# Biogas use in Sweden

## From heating to transport



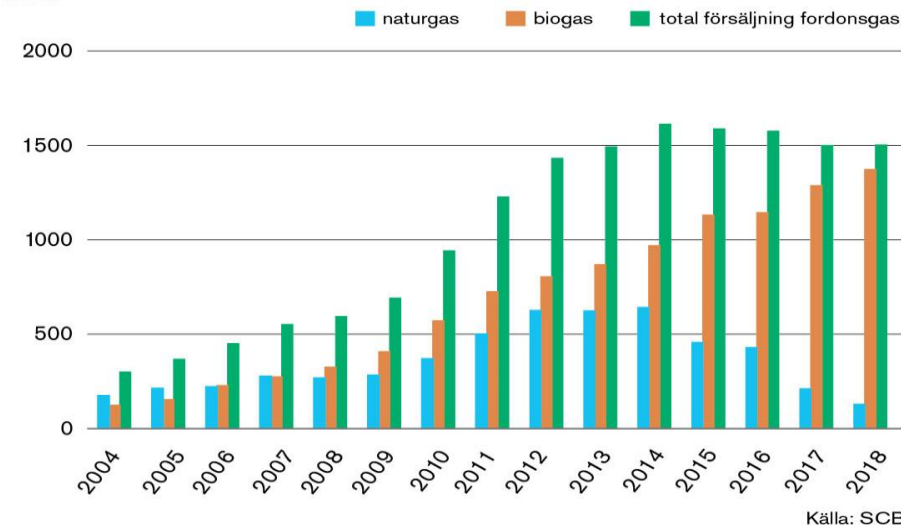
Användning av producerad biogas 2005-2017



More than 60% of biogas goes to upgrading for vehicular fuel

- Investment support for upgrading facilities – today 39 plants with upgrading
- *1 bag of food residue = power for 2,5 km bus travel*
- Usually the Best business case
- District heating using waste

GWh



91% biogas in vehicular gas 2018

- Energy tax on biogas = 0
- CO2 tax on biogas = 0
- Innovation cluster for Biogas
- 180 public fuelling stations & 60 non-public for HDV



# Climate Day



**Scania calls for a Climate Day and halts operations for sustainability training for employees**



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# Thank you!



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