



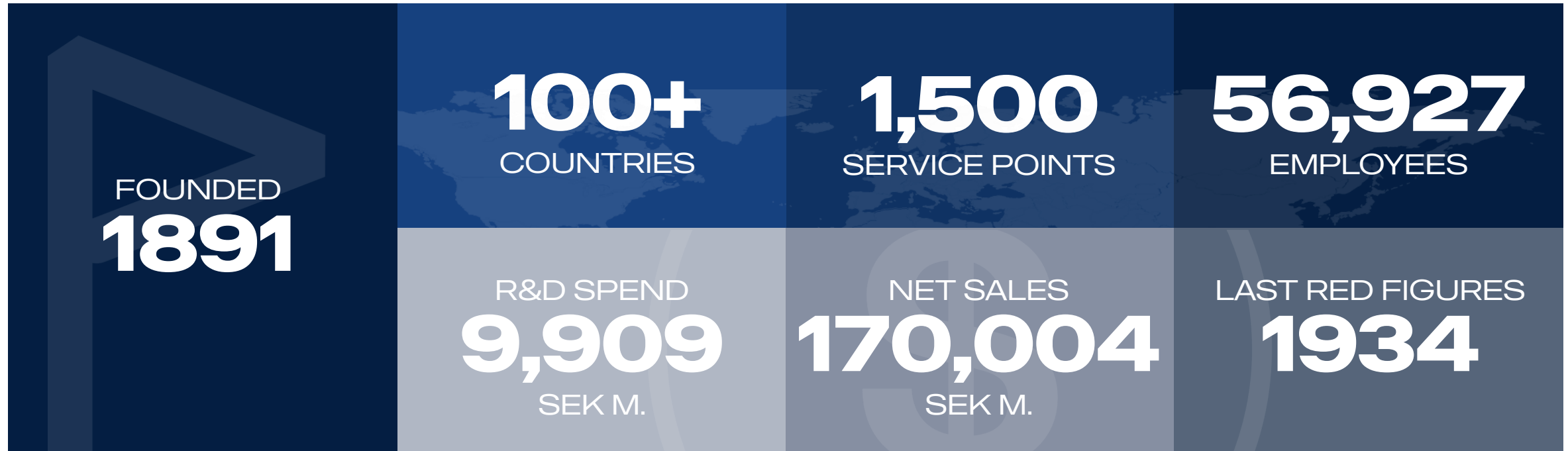
JONAS HOLMBORN

SCANIA ↔ LINK-SIC

SCANIA



SCANIA IN BRIEF



2022

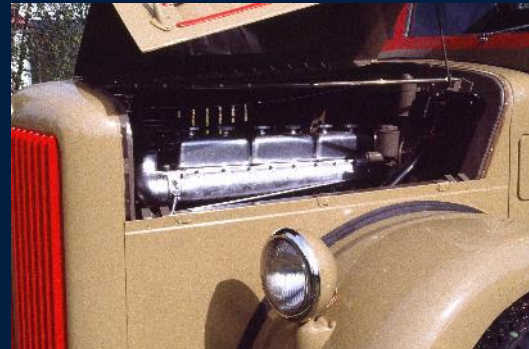


131 YEARS OF INDUSTRIAL HISTORY

IN SHORT



First truck



Diesel engines increasing fuel efficiency by 20-25 percent



First fully modularised truck range – Scania modular system

Company founded
Bicycles and railroad carriages

1891

1902

1940s

First turbocharged truck engine – Scania Super

1961

1980



131 YEARS OF INDUSTRIAL HISTORY

IN SHORT



Eu1 emissions legislation

First powertrain ECU S6

First manufacturer to supply Euro 6 engines

New Truck Generation

Scania Sustainability Board established

First Sustainable Transport Forum

Subsidiary of Volkswagen
First ethanol truck

Introduction of Ecolution of Scania

Delisted from the stock exchange – wholly owned subsidiary of the Volkswagen Group – TRATON GROUP

1993

1998

2008

2010

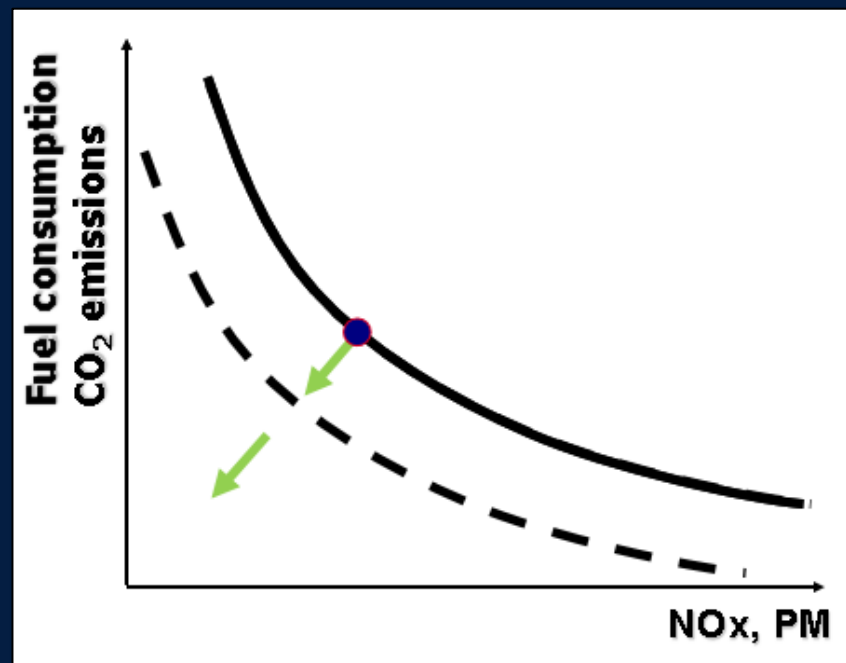
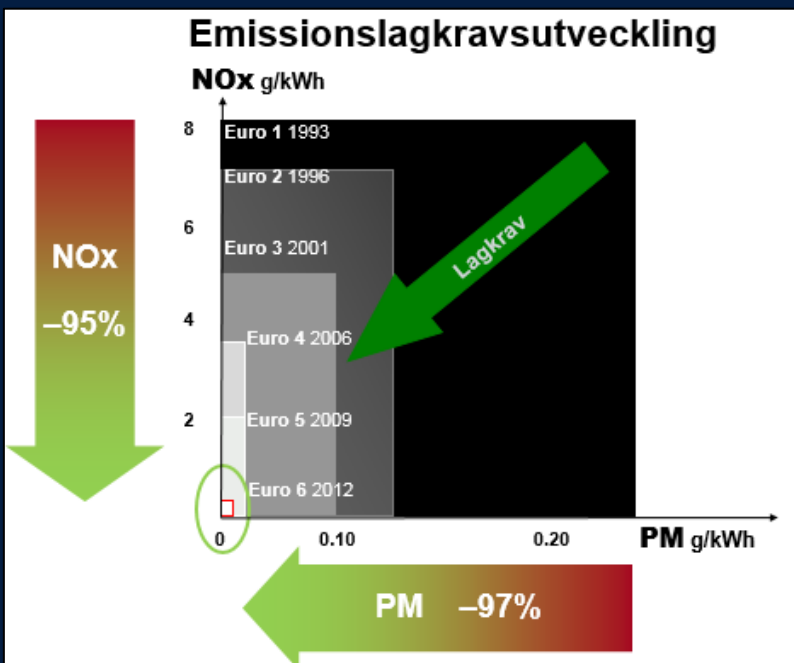
2011

2014–2019

2016



Scania in LINK-SIC : Drivers



Controls competence / recruitment base

Academic research environment

Non-competitive inspiration environment

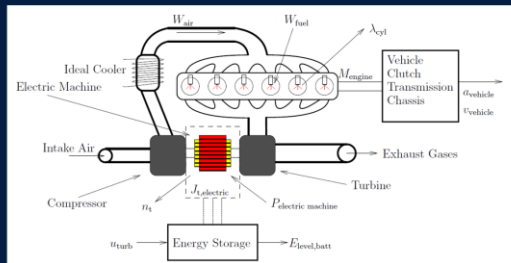
2018-2022 352 st from LiU
(60-100/year)

LINK-SIC

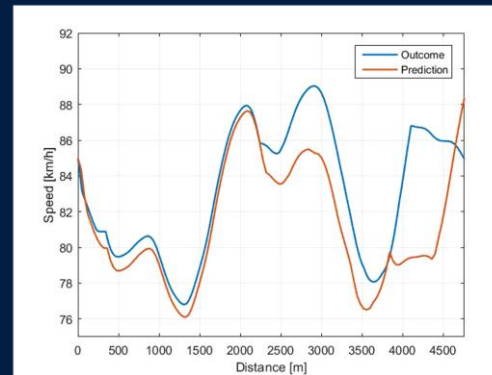


Scania in LINK-SIC

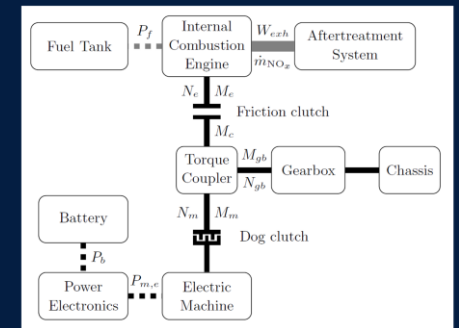
TURBOCHARGER ELECTRIFICATION



FUEL REDUCTION – OPTIMAL STRATEGIES



MODELLING AND CONTROL OF HYBRID POWERTRAINS AND AFTER TREATMENT SYSTEMS





THE FORCES SHAPING TRANSPORT



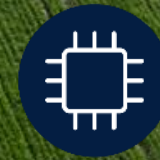
Climate change



Political and economic shifts



Social shifts



Technology and business shifts



WHERE WE ARE HEADING



AUTOMATION



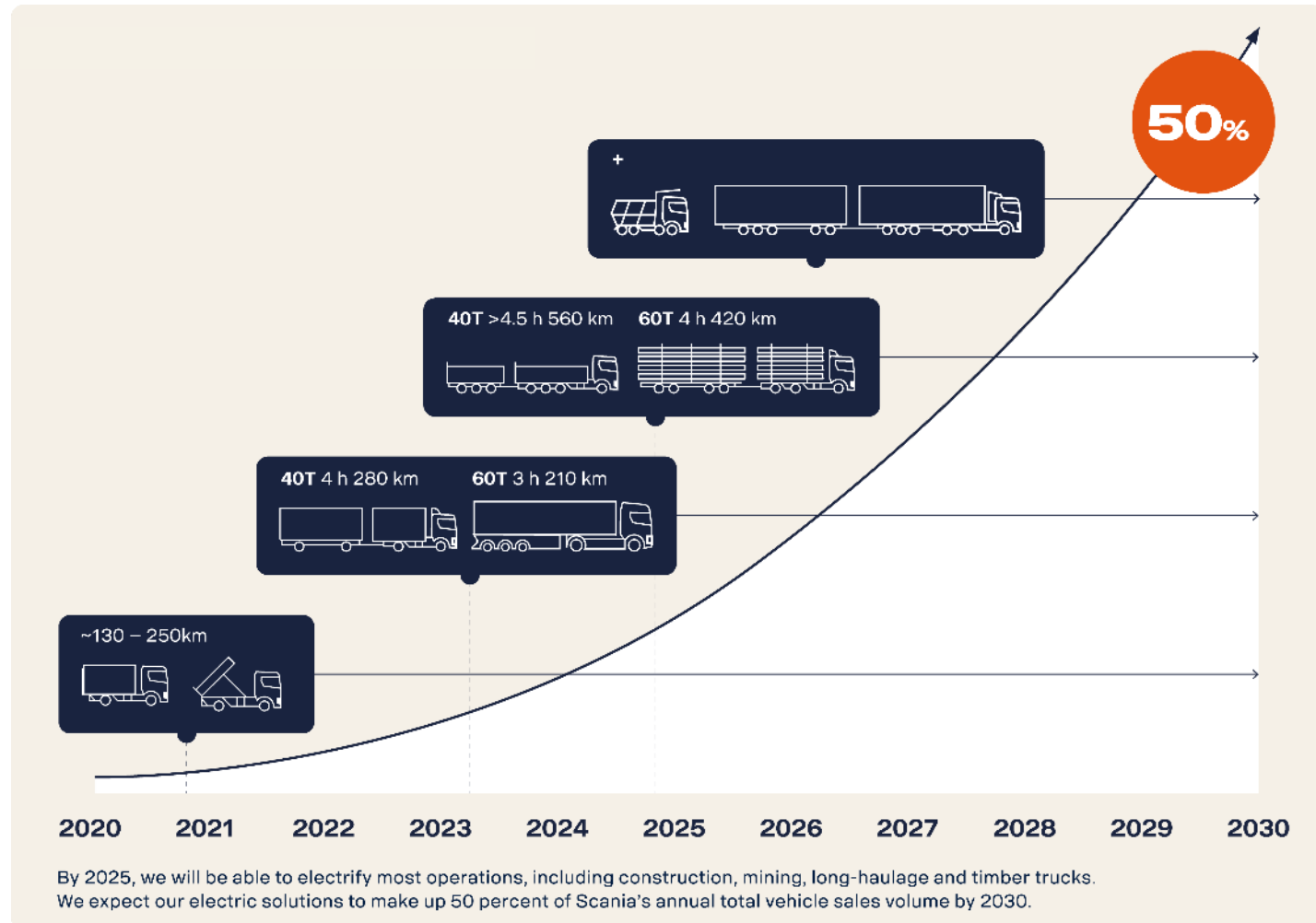
CONNECTIVITY



ELECTRIFICATION



OUR ELECTRIFICATION ROADMAP



By 2030, more than half of our new vehicles sales volume is expected to come from electrically powered vehicles



SCANIA