



SCANIA



SCANIA. ETHANOL IS NOW.

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Public Transport New Expansion Front for Ethanol?



Scania and Ethanol Vehicles

Oil Crisis
Extensive
Tests
of Ethanol
Vehicles
in Brazil

Ethanol
Road
Trains



K 112
Ethanol



79

80

81

82

85

87

89

90

97

07

08

09

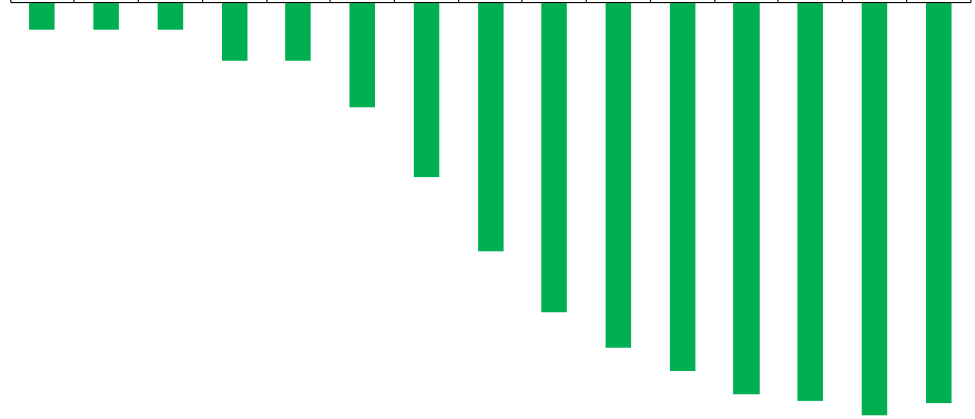
10

Net Gain in CO₂ Stockholm, Diesel vs. Ethanol

*first 15 years



1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004

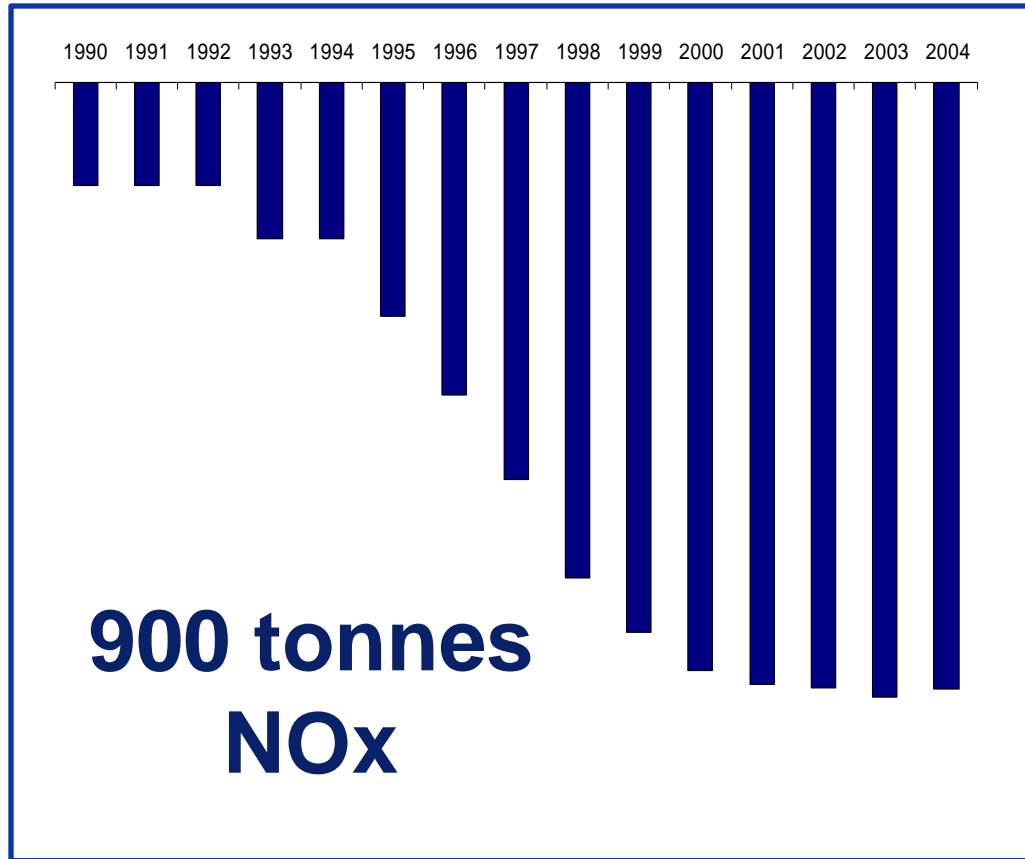


120,000 tonnes
CO₂

Net Gain in NOx

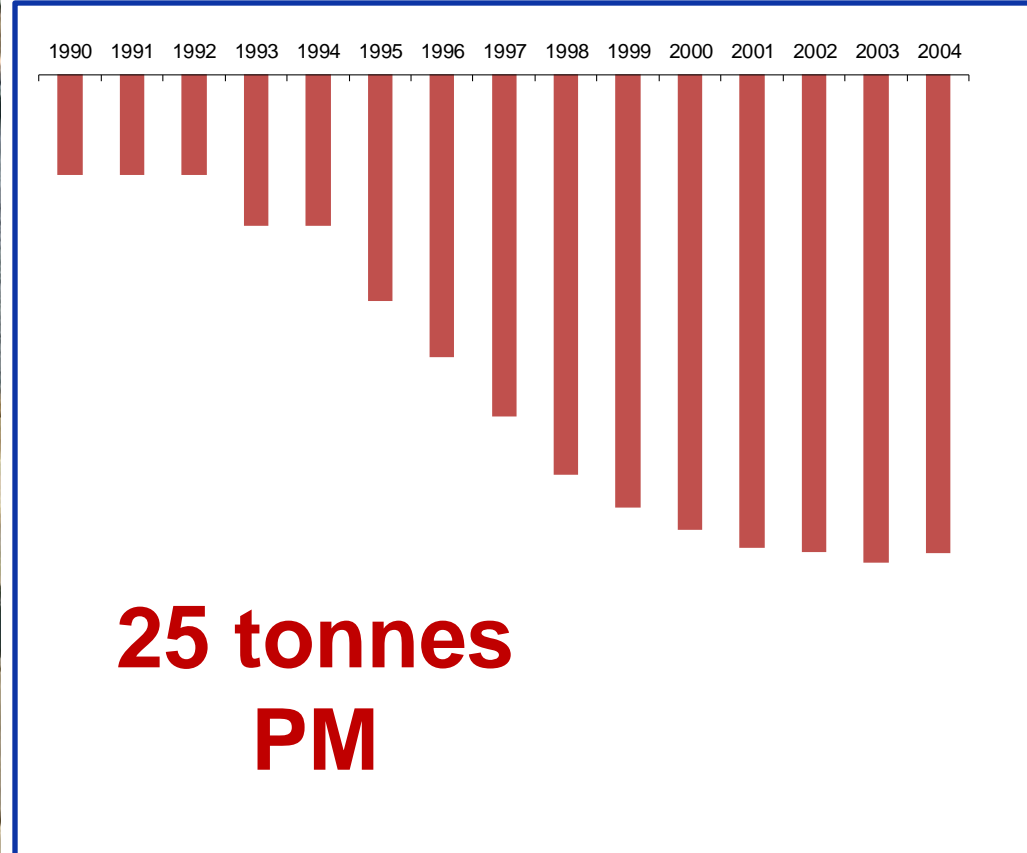
Stockholm, Diesel vs. Ethanol

*first 15 years



Net Gain in PM Stockholm, Diesel vs. Ethanol

*first 15 years



Ethanol experiences by Scania



**... lessons
learned**

Existing technology can reduce emissions - here and now ...

1

Ethanol can be used in large scale commercial operations...

2

Biofuels are cost efficient in terms of total costs ...

3

A Defining Moment...



Stockholm
King Carl Gustaf and
President Lula test
Ethanol Buses

79 80 81 82 85 87 89 90 97 **07** 08 09 10

BEST Project in Brazil Kick-off October 2007



Green BRS by Scania Bus Rapid System with Ethanol



Sustainable Transport Solution

More Cost-efficient than BRT

Shorter Lead-time for Introduction



Integrating for Sustainability A Must !





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**SCANIA.
ETANOL É AGORA.**