

# CO<sub>2</sub> emission challenge: What car technologies and fuels can we expect in the future?

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Biofuel: Mr. Ramunas Tinginys, Mestilla, Commercial & Marketing Director  
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Mr. Christian Marcus, Tesla Motors, Sr. Project Developer, Supercharging  
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# Some Early Challenges

Great Horse Manure Crisis of 1894

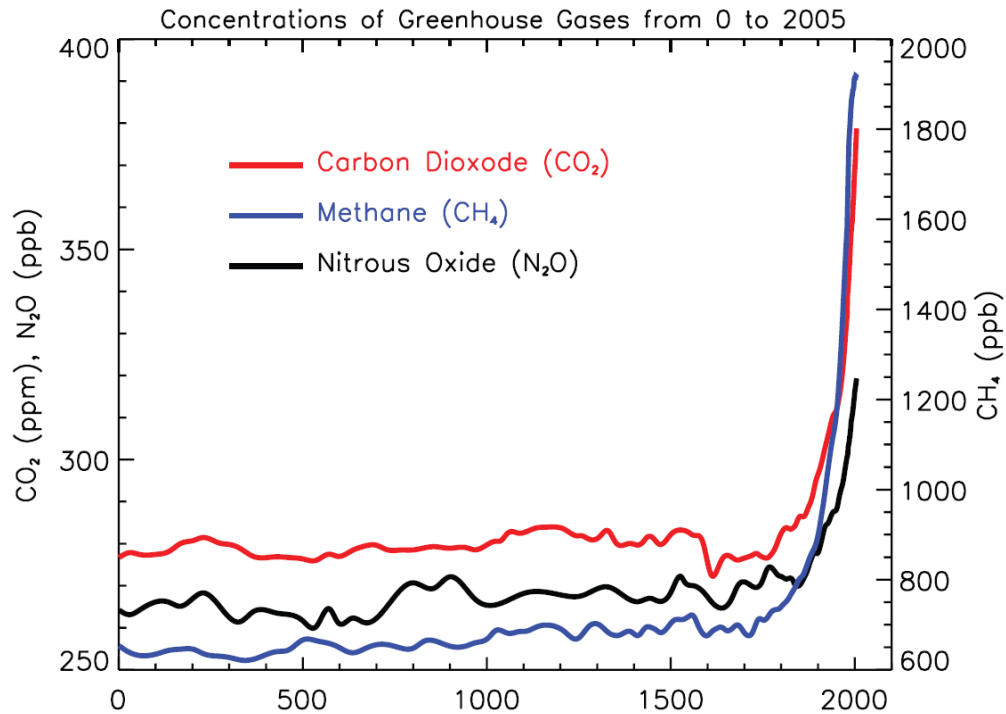


# Some Early Challenges

1960 and 70ies  
Toxic levels of Lead in bloodstreams



# Today A Global Challenge



The presentation by Mr. Ian Hodgson, EU, DG Clima

# Turning CO<sub>2</sub> into Fuel

## Sustaining Our Liquid Fuel Infrastructure



Blue Crude

# Is the Future All Electric



[Tesla Motors](#)

# Or is the Future a Combination with “unlimited” choice of fuel



Hybridization

# Or are we at the brink of the Hydrogen Economy?



[Toyota showing us their future - The Mirai](#)

# Or Maybe the Answer is Something Else

## Methanol – The Clear Alternative ?

- Can be made from any carbon source – fossil, renewable and even CO<sub>2</sub>
- Can be used in all engines – Internal or external combustion engines and Fuel Cells
- Does not require new infrastructure



Sander Parn, Estonia & James Morgan, UK Junior World rally Championship

[Methanol The Clear Alternative](#)