



NGVA
— Europe
for sustainable mobility

Life Cycle Analysis

A key way to approach transport decarbonization

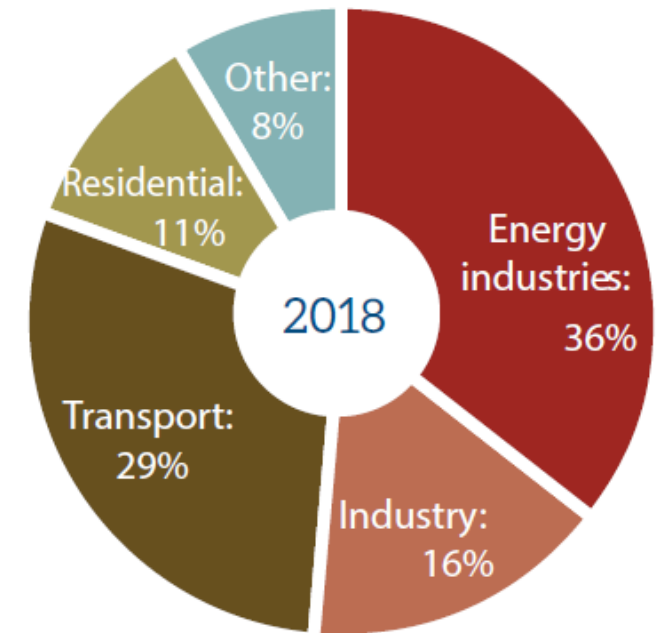
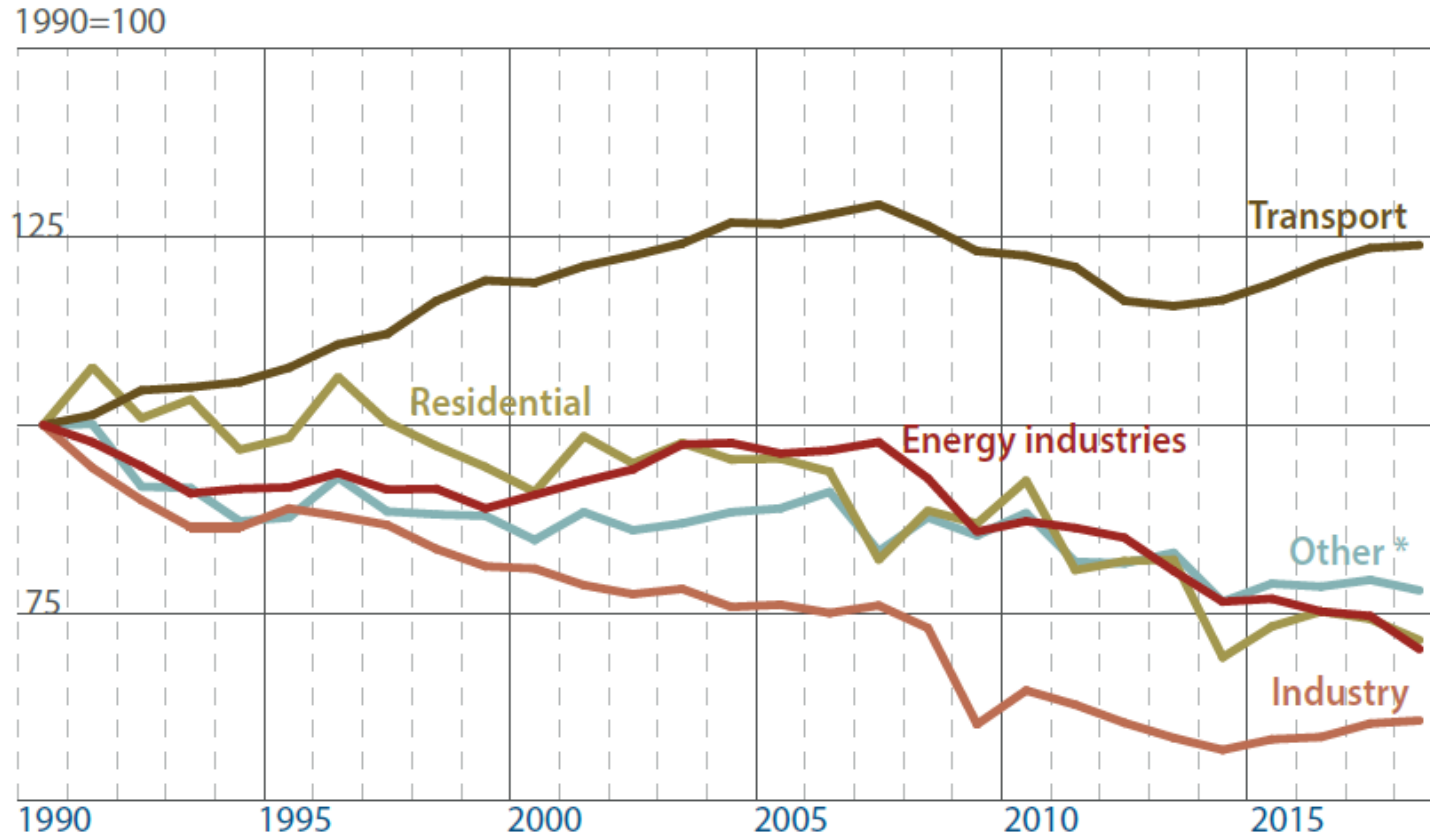
Andrea Gerini – Secretary General

UNECE webinar:
Decarbonizing transport with natural gas
09 December 2020

www.ngva.eu

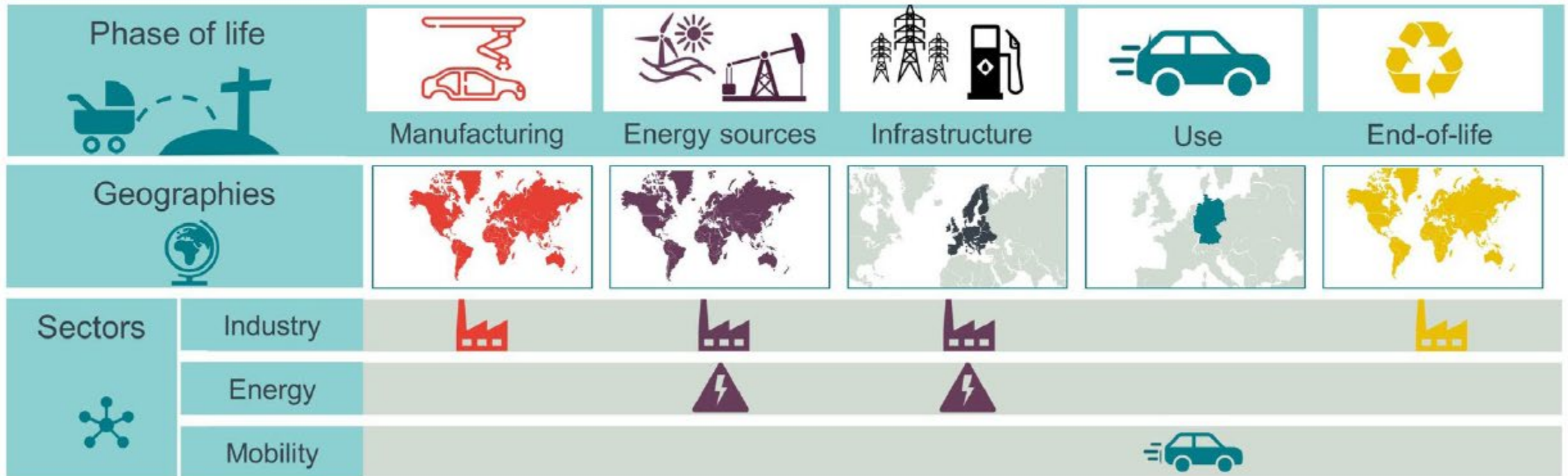
Natural & bio Gas Vehicle Association

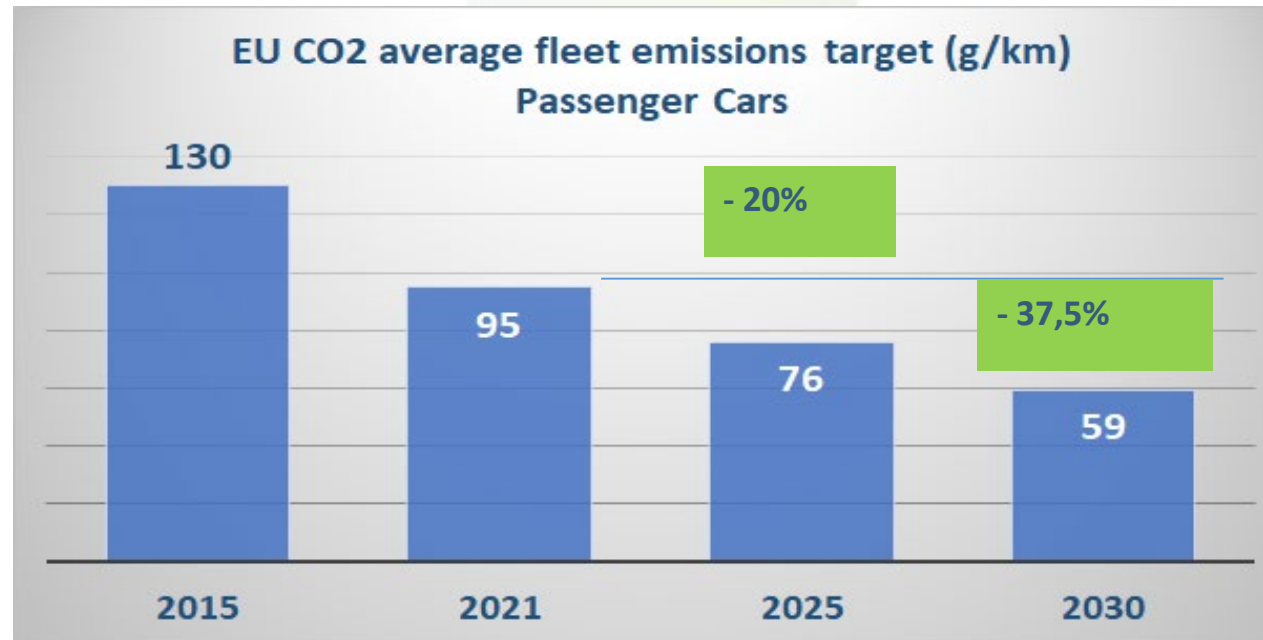
CO₂ emissions in the EU: 1990 - 2018 changes, and situation in 2018



<https://www.eea.europa.eu/data-and-maps/data/data-viewers/greenhouse-gases-viewer>

The emissions of a vehicle are globally distributed and comprise many different sectors, e.g.

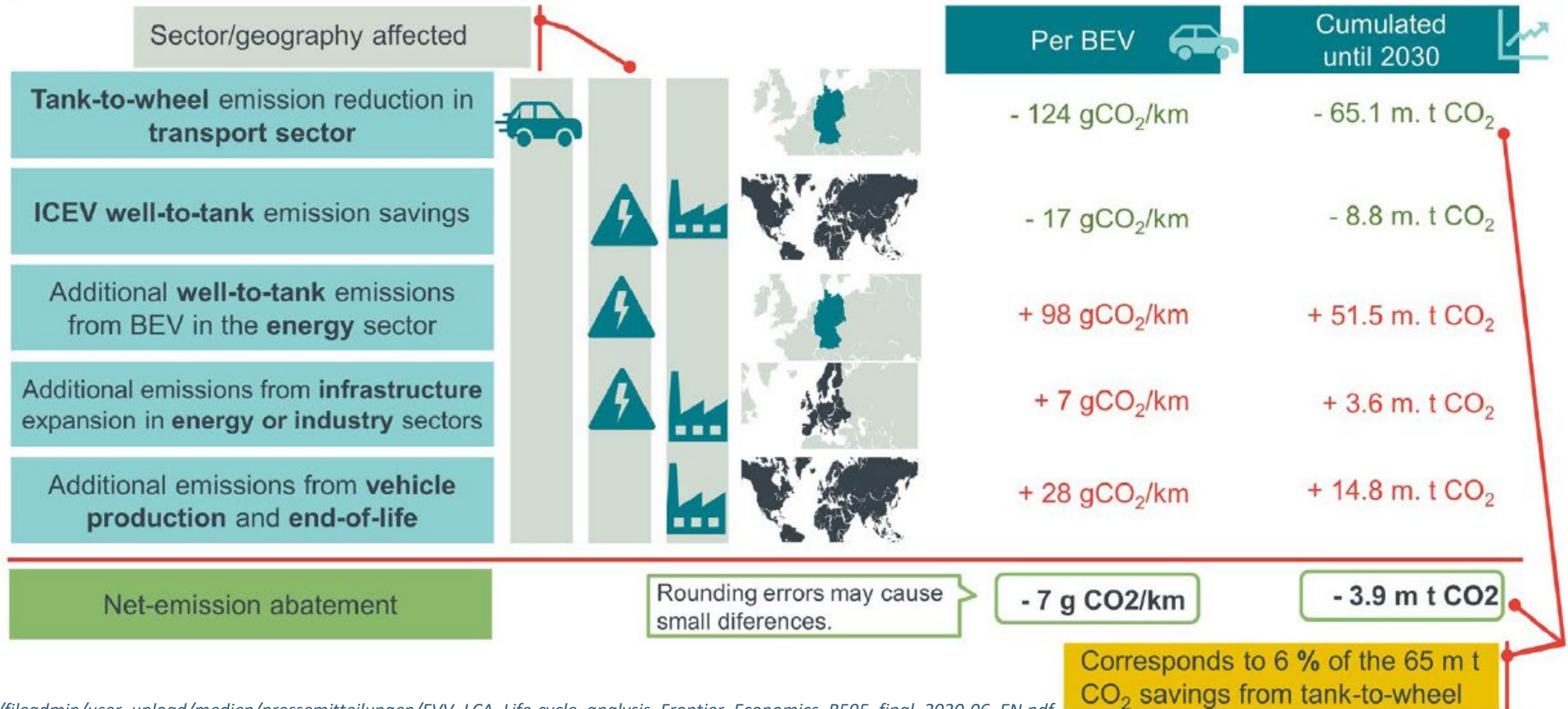


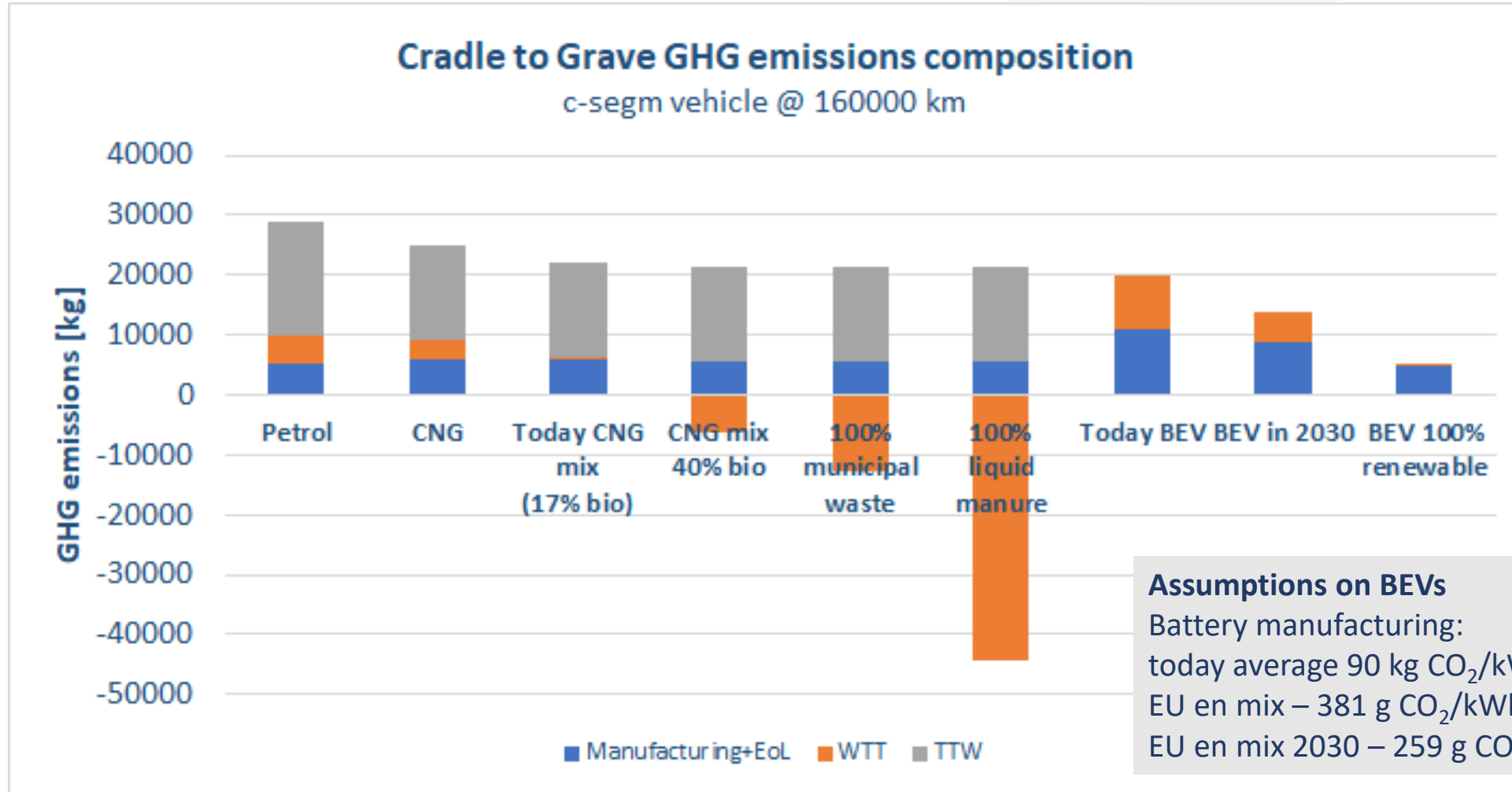


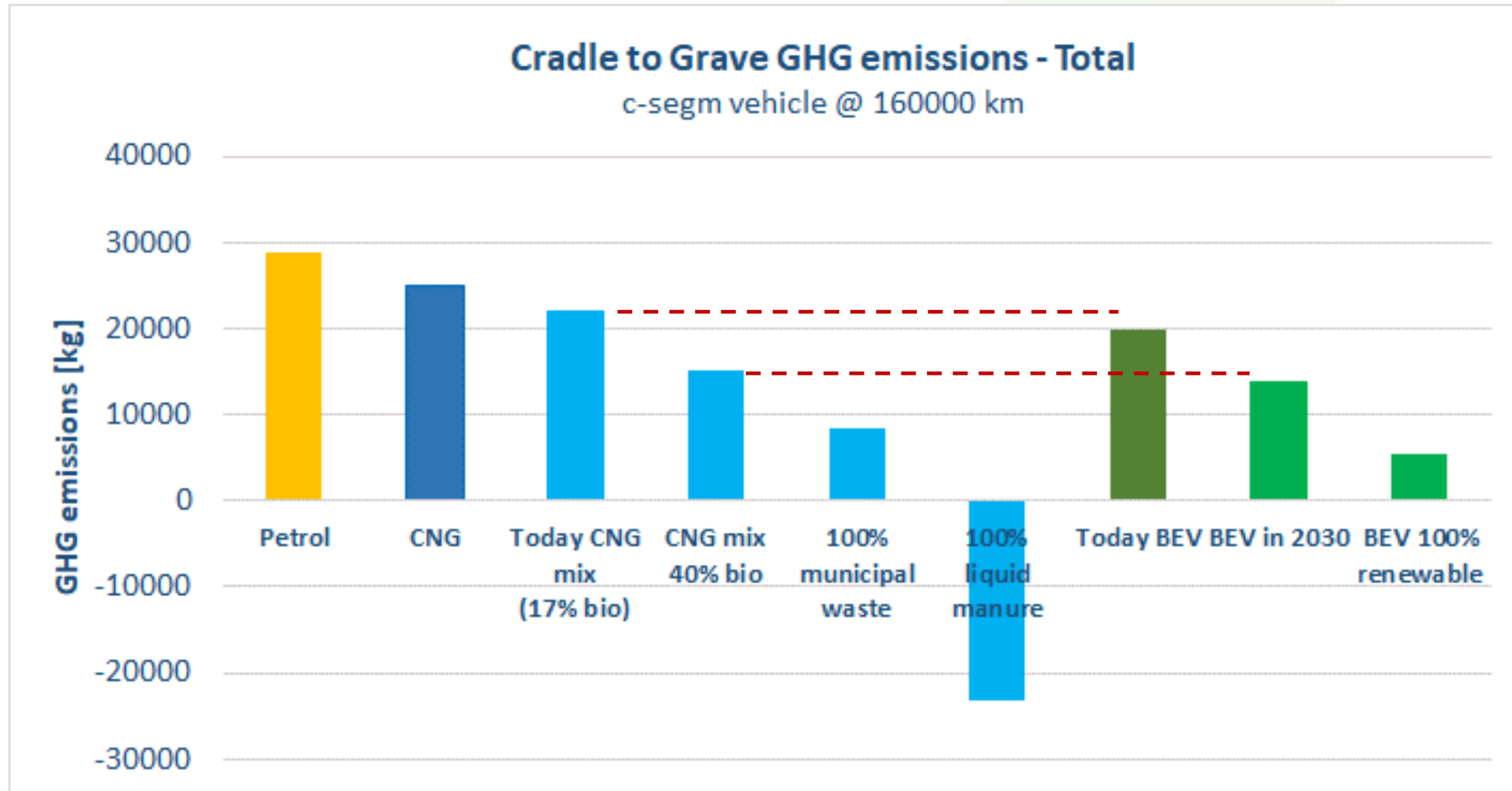
Tailpipe CO₂ emissions: a limited approach

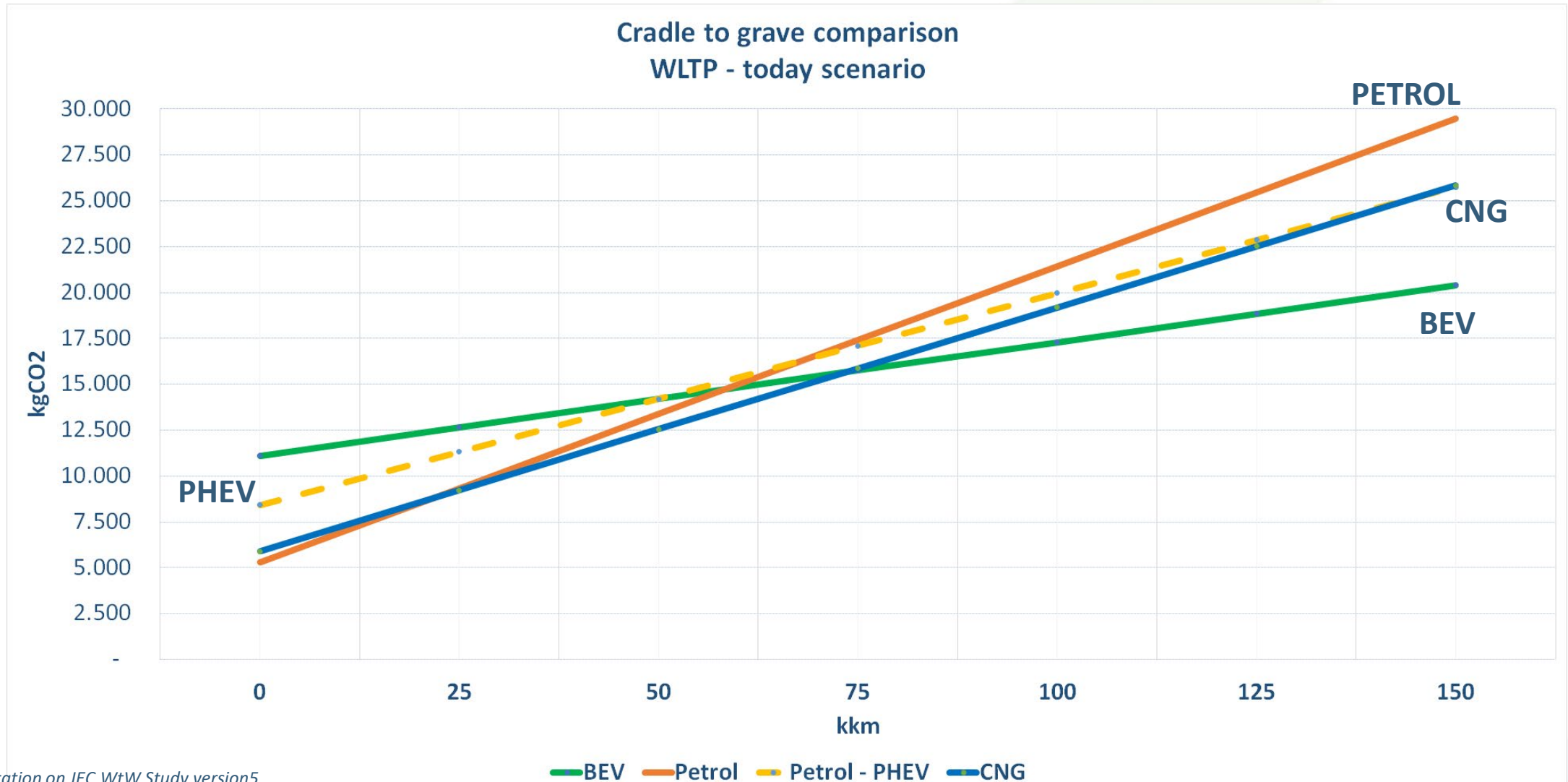
An example from Germany

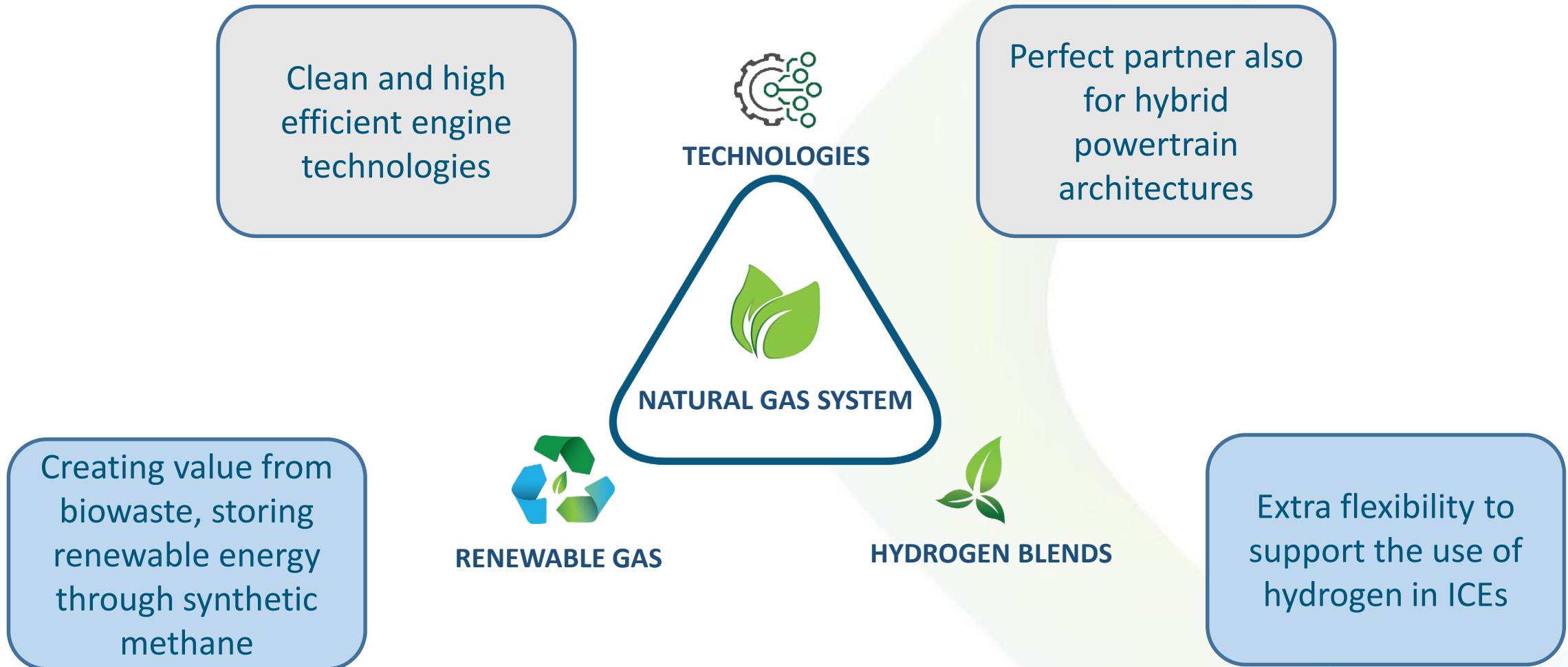
Example: A key measure within the German climate package (based on NPM, AG1):
Up to 10.5 m new approved BEVs until 2030 are viewed to save approx. 13 m t CO₂ by 2030.













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