What to do with old vehicles?  
Towards effective scrappage policy and infrastructure

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Simply replacing an ‘old’ passenger car with an average 2020 car, in Germany, brings no benefit.

Greenhouse gas emissions impact of a hypothetical 2020 vehicle replacement program in Germany:


* Taking into account that in the absence of a program, the vehicles would be replaced three years later anyways.
Many European governments decided for replacement programs solely focused on electric vehicles.

Comparison of current vehicle taxation incentives for new electric vehicles across Europe:

Europe has taken over the lead from China, leaving the U.S. behind, while sales are recovering

Market share electric vehicles (PHEV + BEV) in Europe vs. China and U.S.:

For smaller trucks in Europe, including an air pollution element to a replacement program is key.

Truck fleet composition according to the Euro emission standard in Germany in 2018:

For larger trucks in Europe, including a CO$_2$ component to a replacement program is key

Distribution of certified fuel consumption of Euro VI long-haul tractor-trailers registered in H2/2019:
