

Electric vehicles & charging infra

Where are we now? Where should we stand in 2030?

Michel Martens, Directeur Kenniscentrum FEBIAC

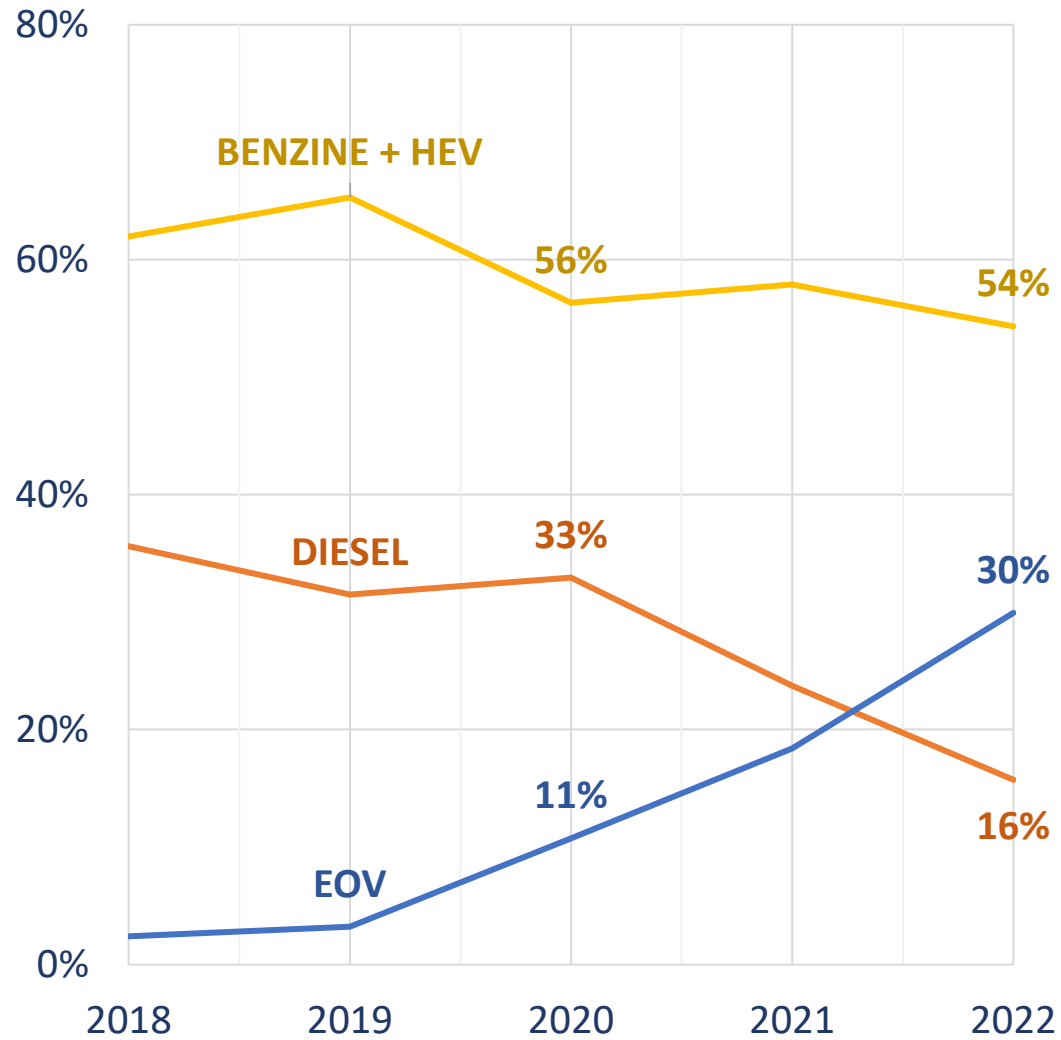
Climate challenge for automotive industry

- EU climate neutral continent by 2050
-> GHG Transport **-90%**
- EU CO₂ reduction targets for new vehicles
-> *tailpipe emissions*

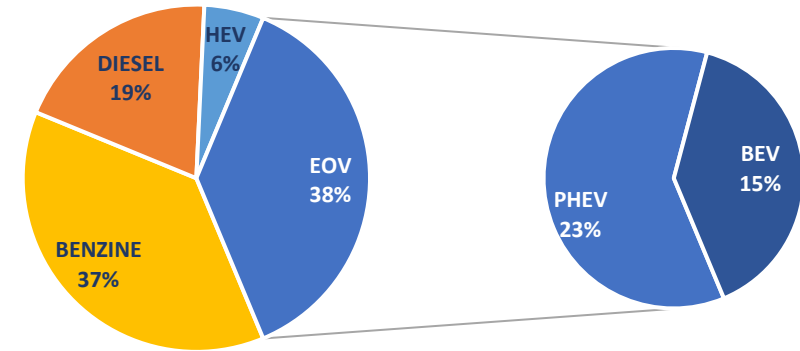
(2021 = 100)	CARS	VANS	TRUCKS
2025	-15%	-15%	-15%
2030	-55%	-50%	-30% (-> ?)
2035	-100%	-100%	?
2040			?

- BE transport share in total GHG **~25%** or **10 bn l/y** fossile fuels consumed

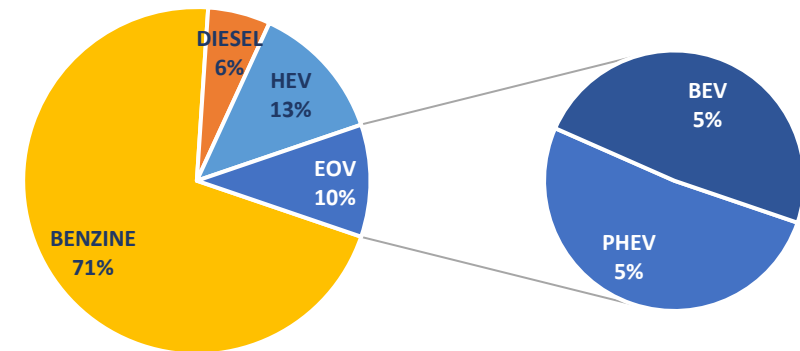
BE market new cars - Powertrain mix



Professioneel 2022



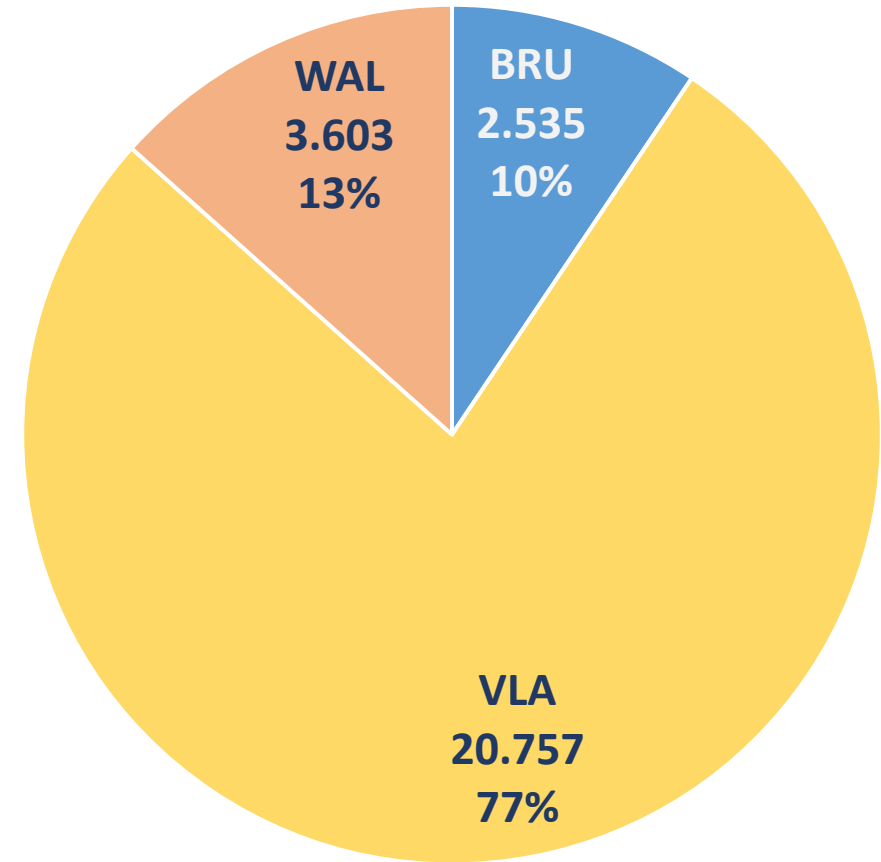
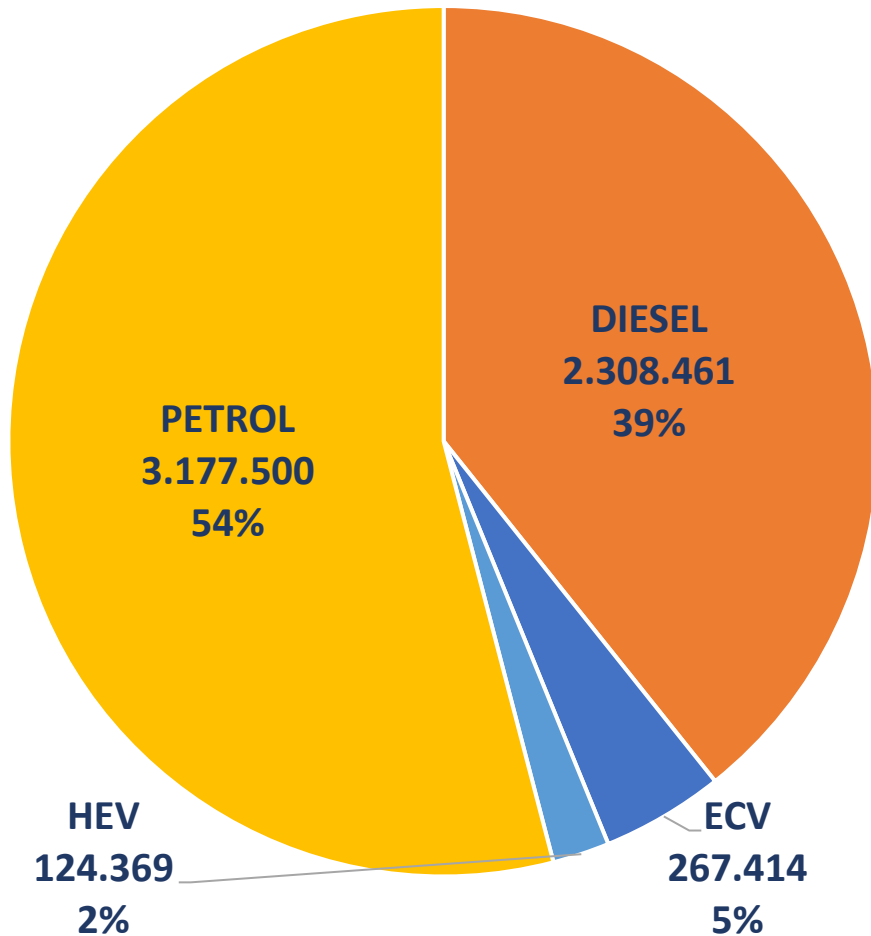
Particulier 2022



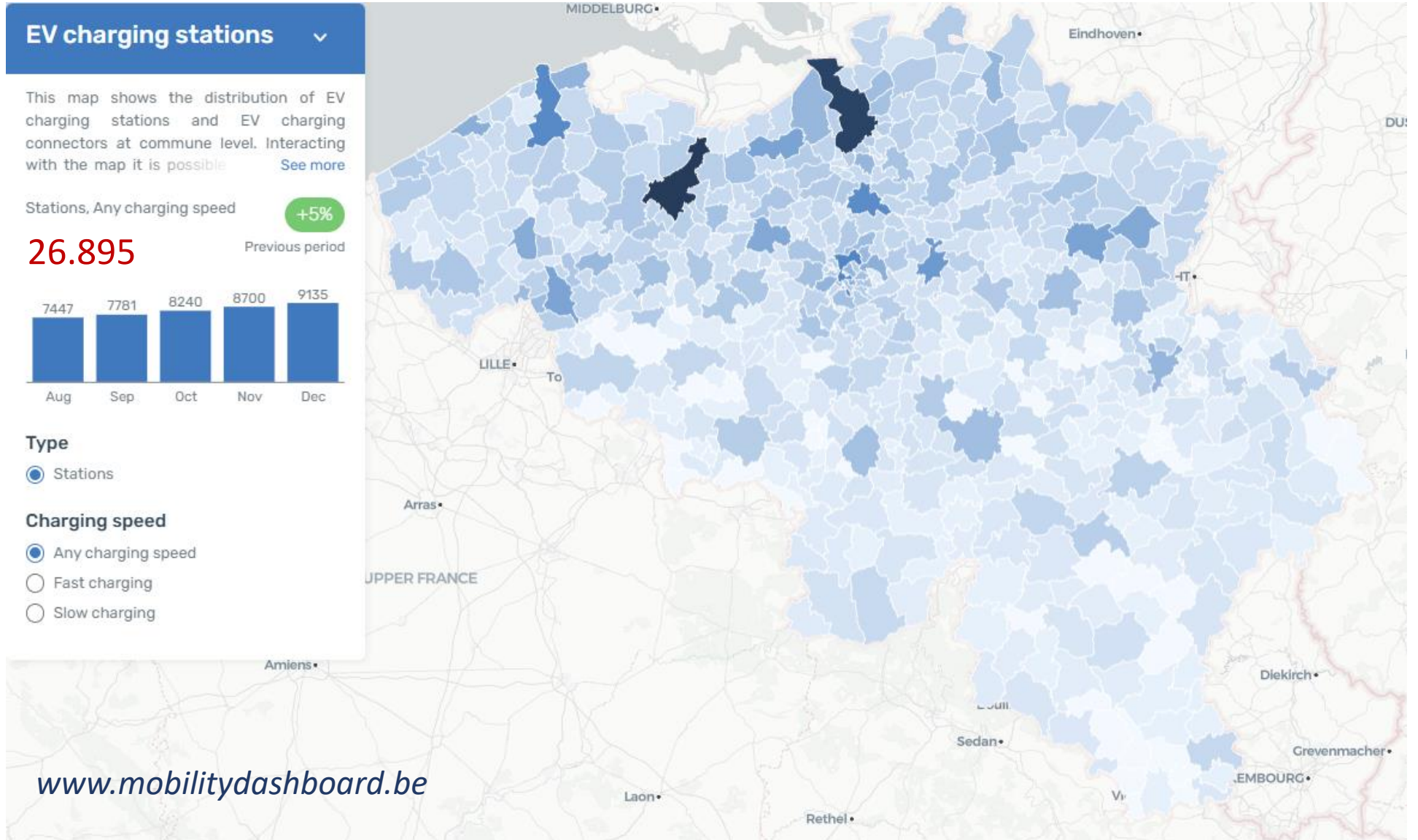
BE car fleet - Powertrain mix & eChargers now

End 2022: 267.414 ECV

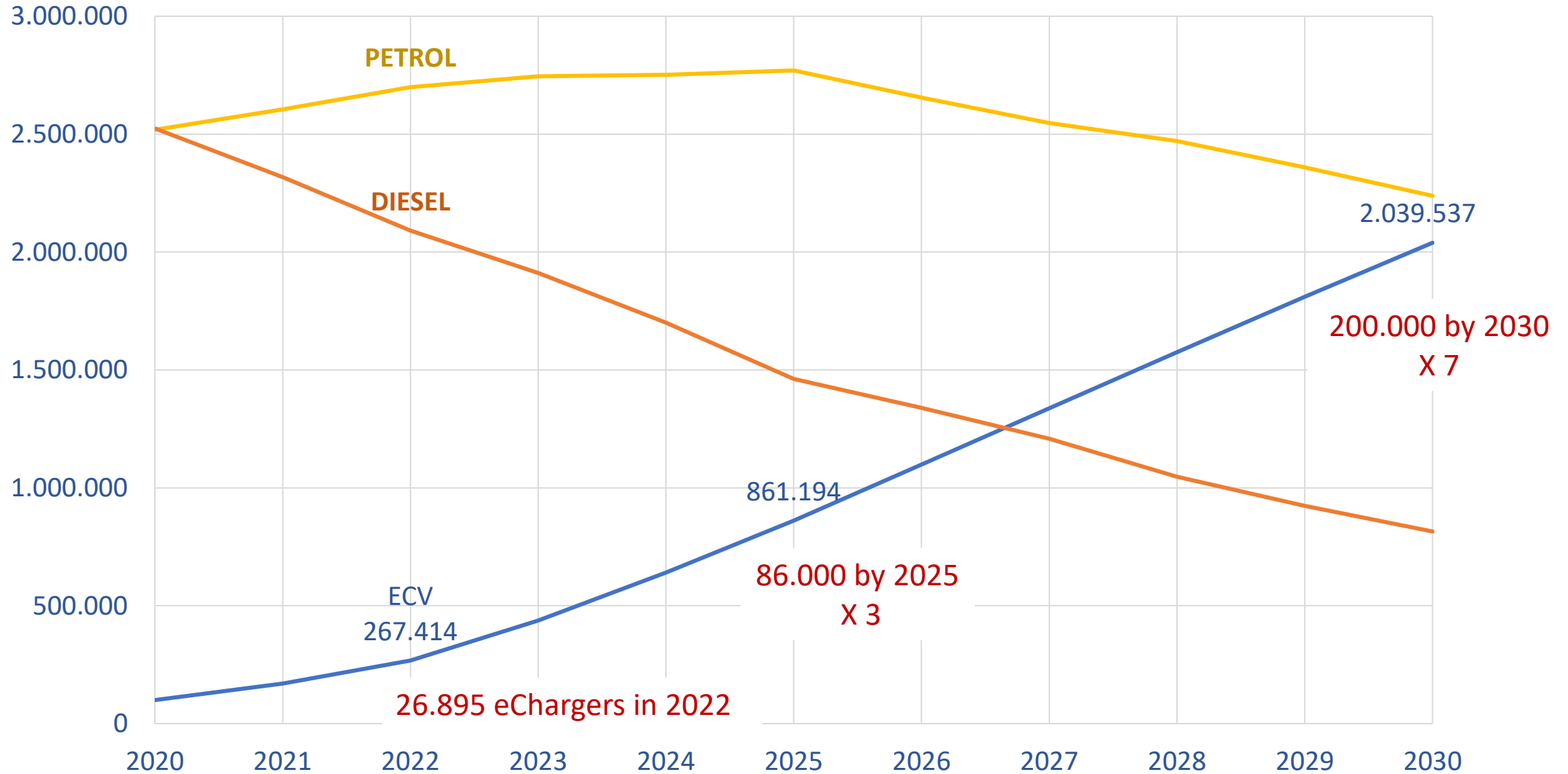
End 2022: 26.895 public eChargers

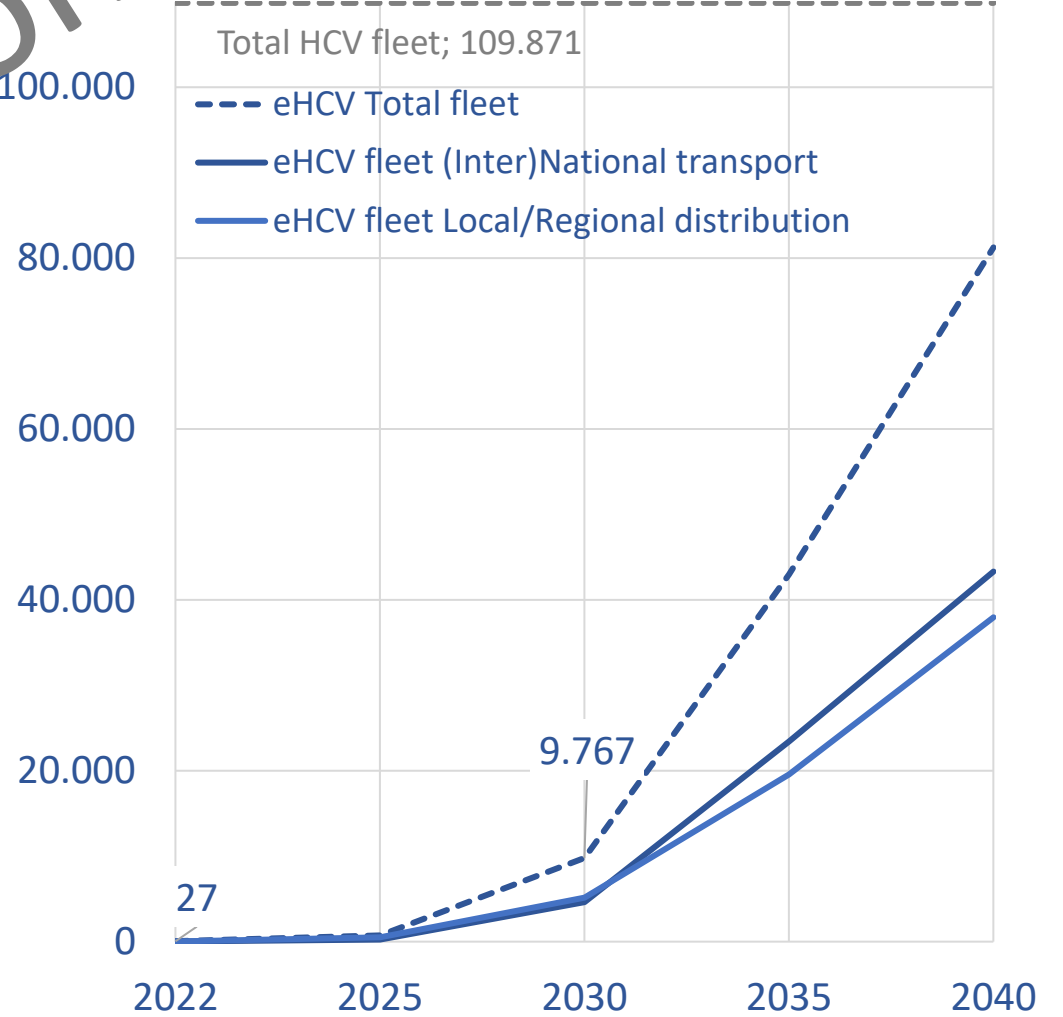
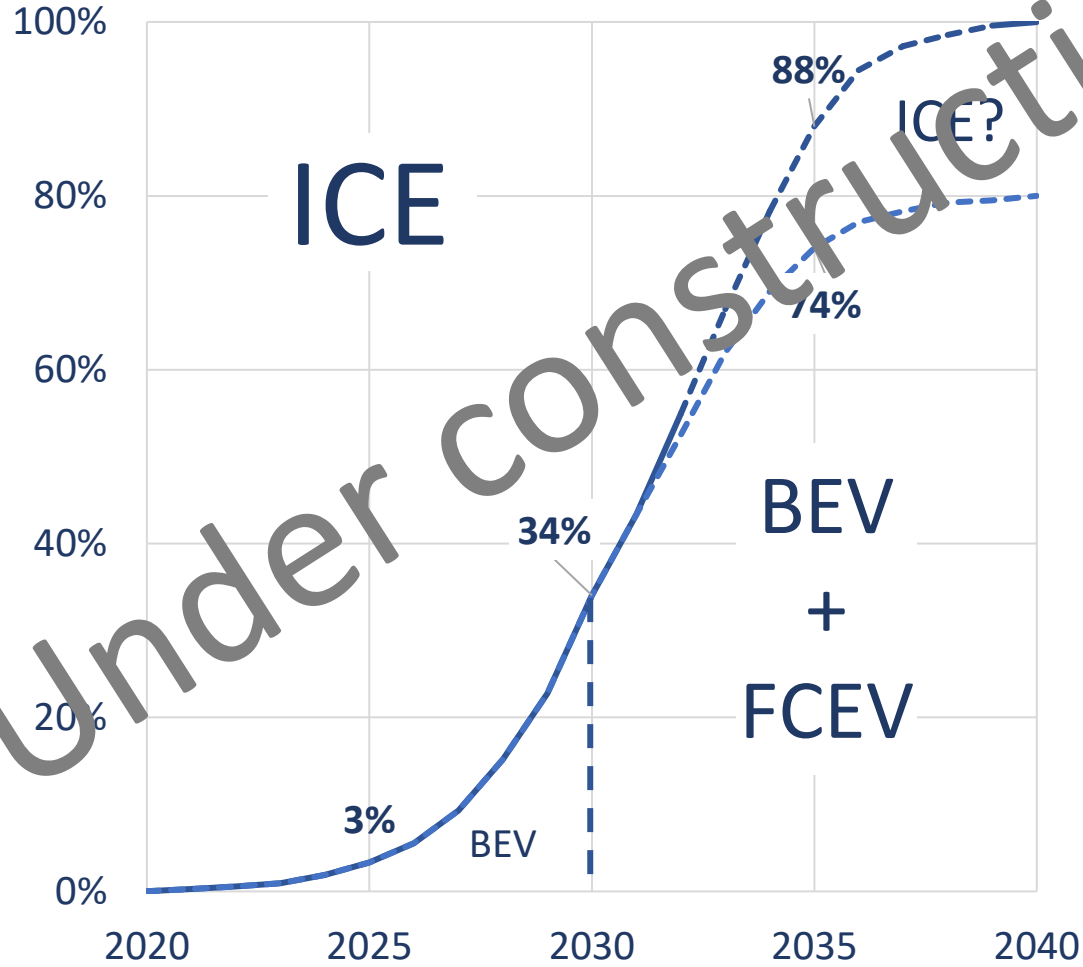


Public charging stations now



Car fleet - powertrain mix forecast & eCharger needs





Thank you !