

Annex 2 - North America

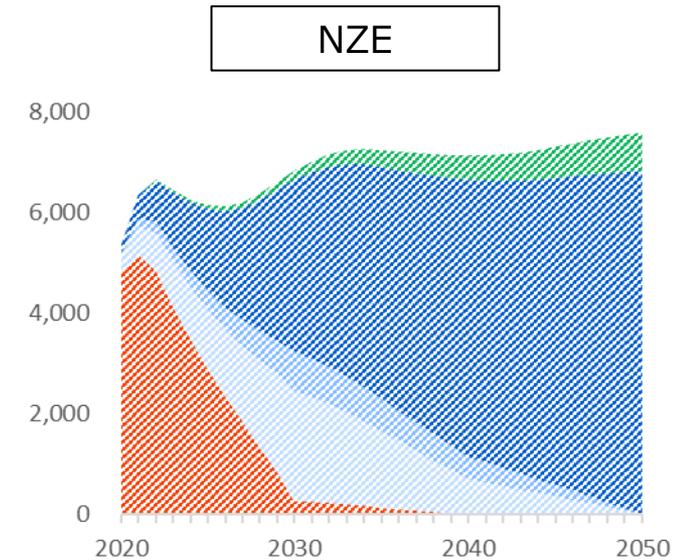
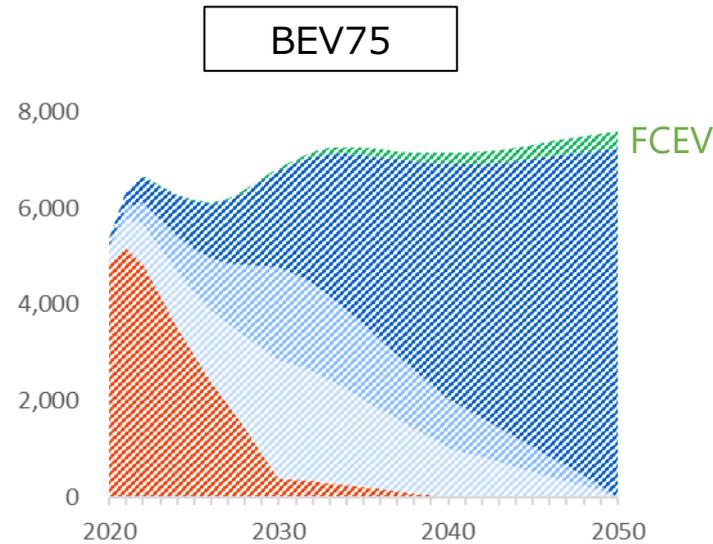
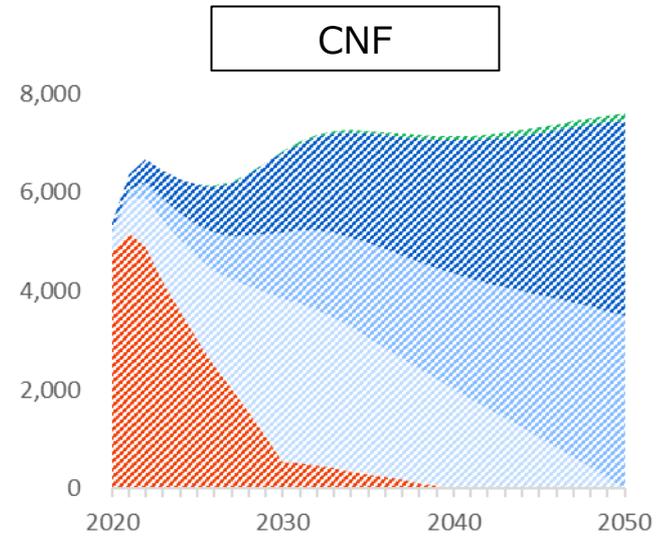
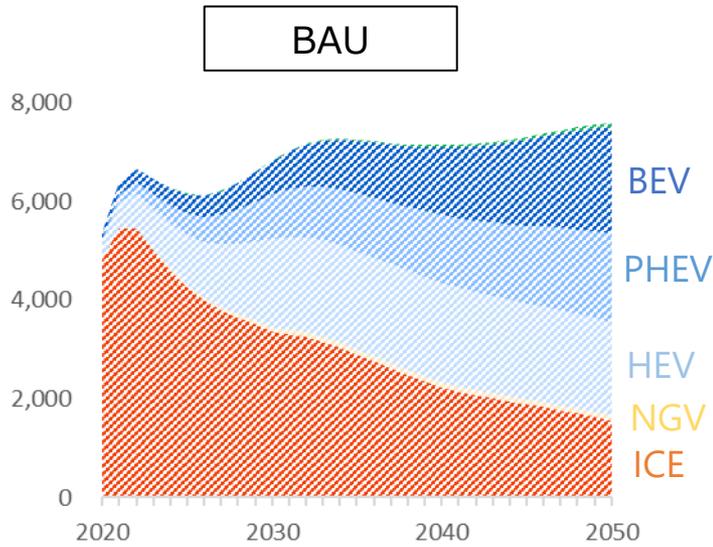
Trends in North America @2050

Scenario	Trends in North America		2050/2020 CO ₂ emissions
All	Market	<ul style="list-style-type: none"> Passenger cars and commercial vehicles: Significant increases in new vehicle sales; for motorcycles, gradual increases in new vehicle sales. For all vehicle types: Gradual increases in in-use fleets. 	
	Energy mix	<ul style="list-style-type: none"> Share of clean energy is approximately 80%. 	
CNF	Electrified vehicles	<ul style="list-style-type: none"> Share of electrified vehicles in new vehicle sales for all vehicle types is almost 100%, with about 50% of new passenger cars being PHEVs. Share of BEVs/FCEVs in the in-use passenger car and commercial vehicle fleets is approximately 40%. 	-89% approx.
	Fuel mix	<ul style="list-style-type: none"> More than 90% is CNF (synthetic fuels, biofuels) + electricity + hydrogen. CNF share represents approx. 30% of total fuel consumption in 2020. 	
BEV75	Electrified vehicles	<ul style="list-style-type: none"> Share of BEVs/FCEVs in new vehicle sales for all vehicle types is 100%. Share of BEVs/FCEVs in the in-use passenger car and commercial vehicle fleets is approximately 60%. 	-90% approx.
	Fuel mix	<ul style="list-style-type: none"> More than 90% is CNF (synthetic fuels, biofuels) + electricity + hydrogen. CNF share represents 25% approx. of total fuel consumed in 2020. 	
NZE	Electrified vehicles	<ul style="list-style-type: none"> Share of BEVs/FCEVs in new vehicle sales for all vehicle types is 100%. Share of BEVs/FCEVs in the in-use passenger car and commercial vehicle fleets is approximately 80%. 	-87% approx.
	Fuel mix	<ul style="list-style-type: none"> About 80% is biofuels + electricity + hydrogen. (Assumption: Synthetic fuels = 0%) Biofuel share = approx. 10% of total fuel consumption in 2020. 	

In all non-BAU scenarios, CO₂ emission levels are approximately -90% compared to 2020.

New Passenger Car Sales (North America)

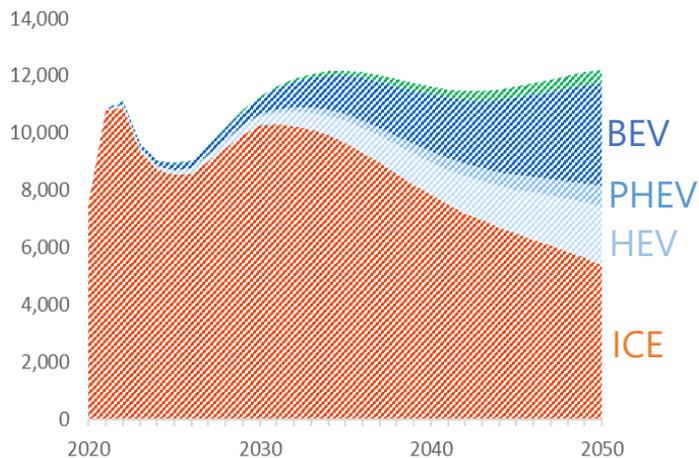
(x 1,000 units)



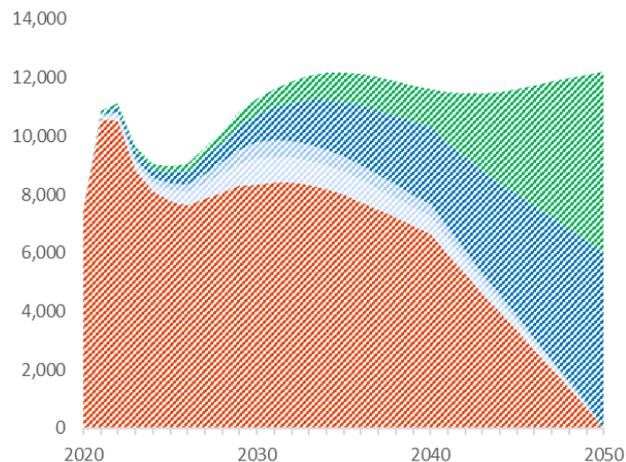
New Commercial Vehicle Sales (North America)

(x 1,000 units)

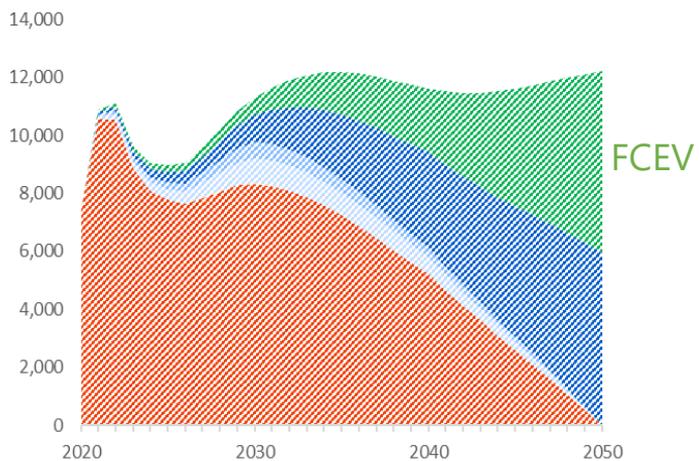
BAU



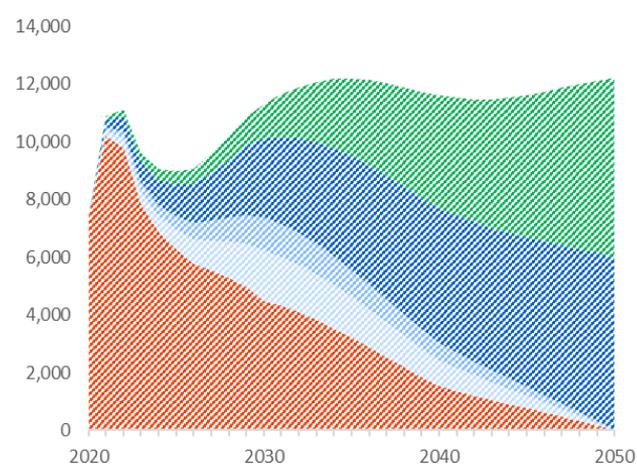
CNF



BEV75



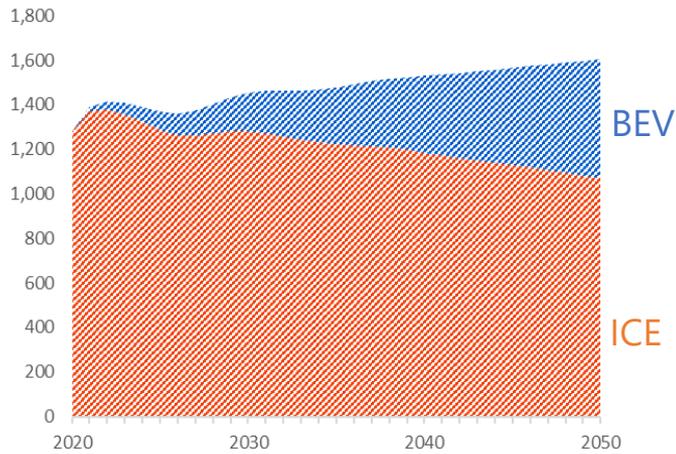
NZE



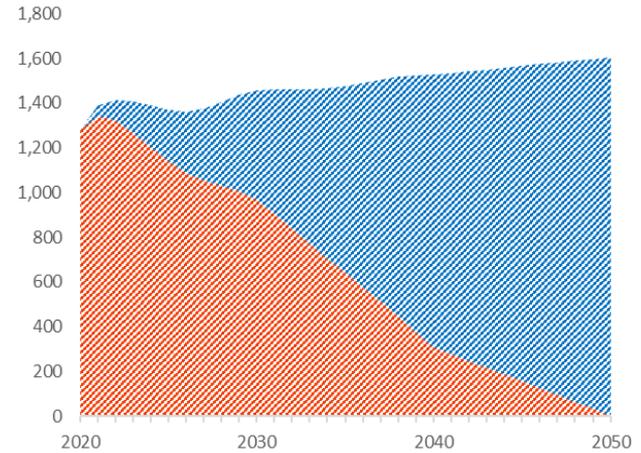
New Motorcycle Sales (North America)

(x 1,000 units)

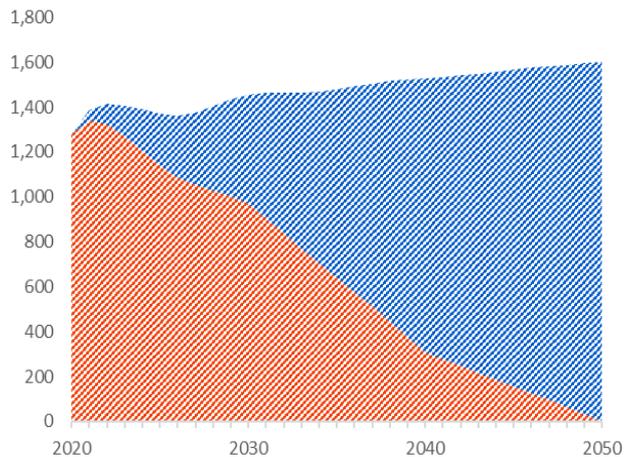
BAU



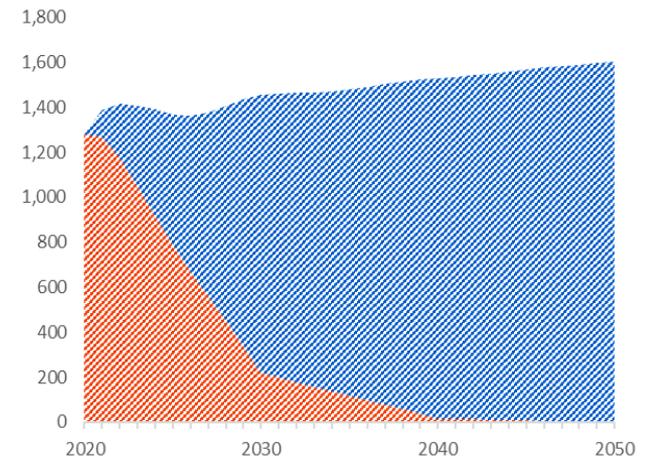
CNF



BEV75



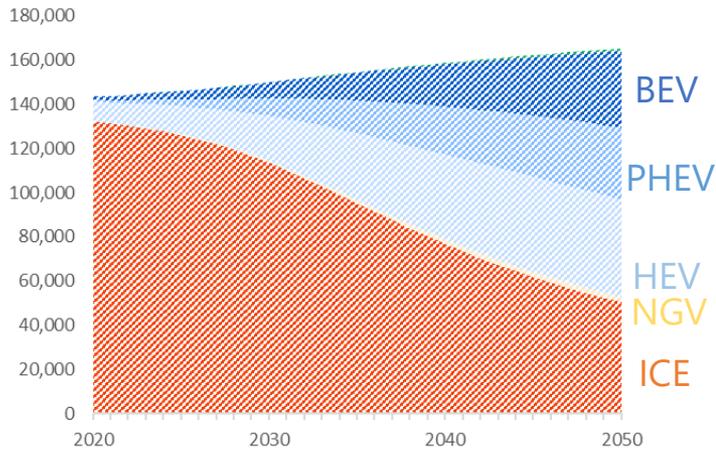
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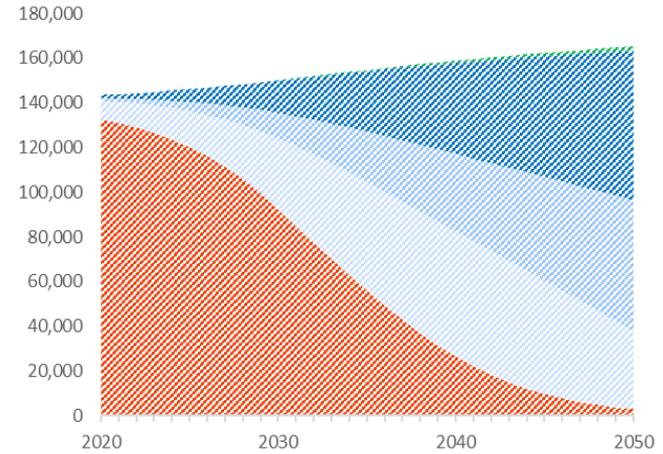
In-Use Passenger Car Fleet (North America)

(x 1,000 units)

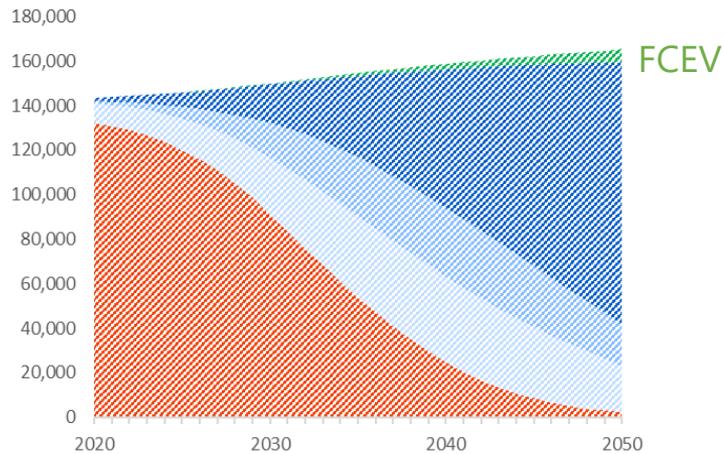
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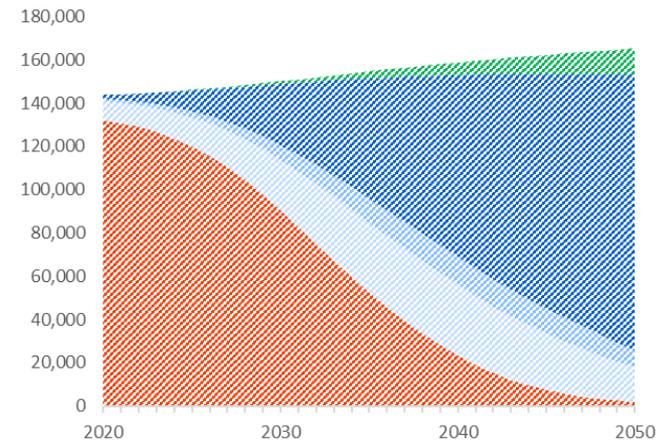
CNF



BEV75



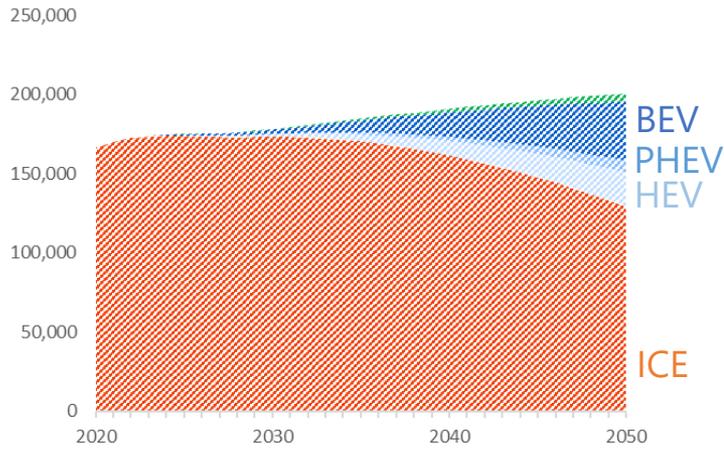
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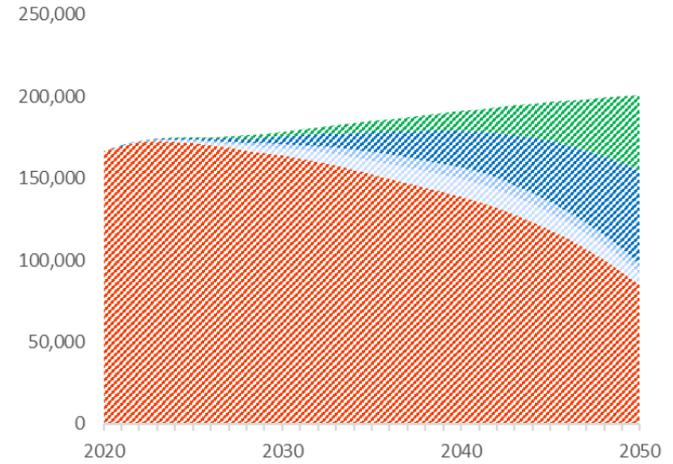
In-Use Commercial Vehicle Fleet (North America)

(x 1,000 units)

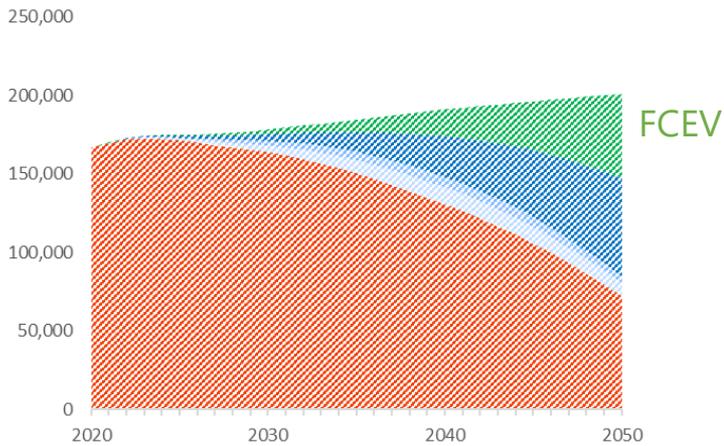
BAU



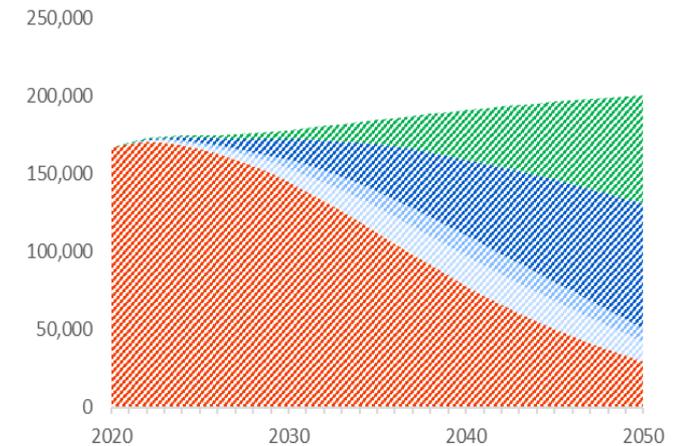
CNF



BEV75



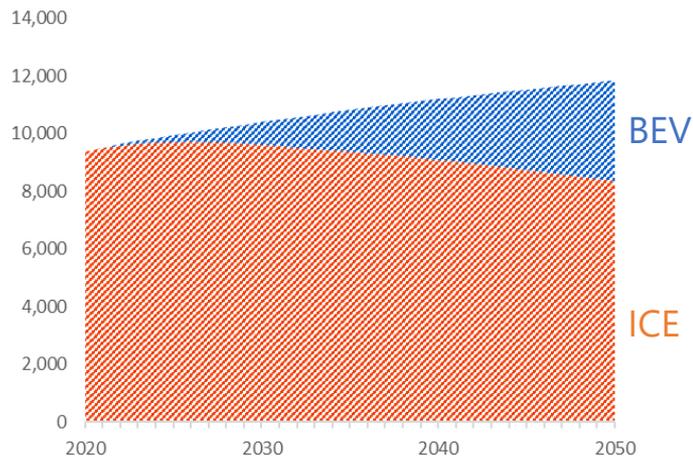
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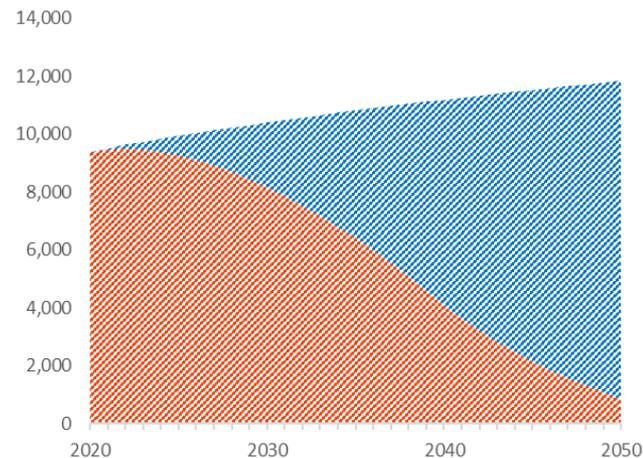
In-Use Motorcycle Fleet (North America)

(x 1,000 units)

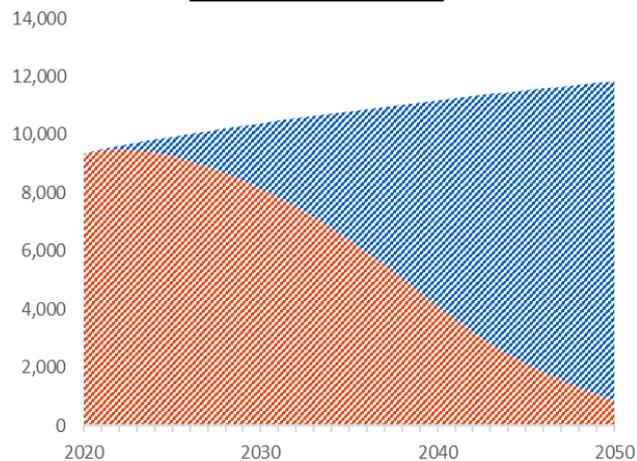
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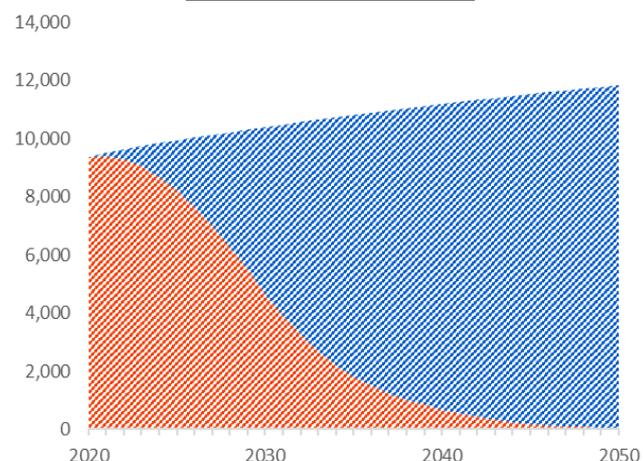
CNF



BEV75



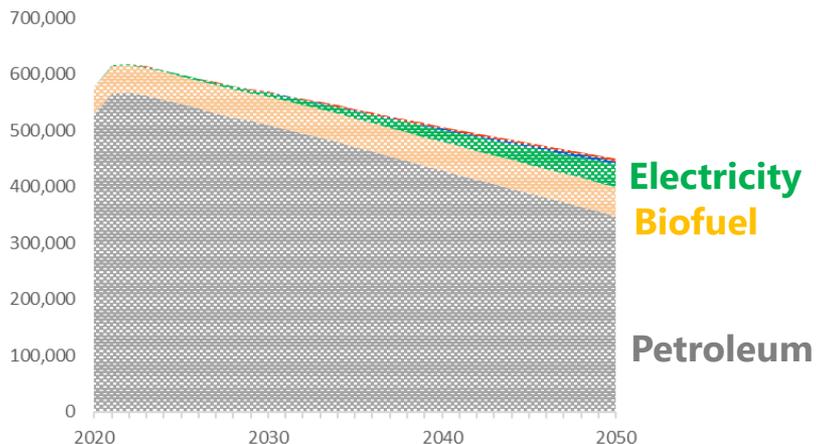
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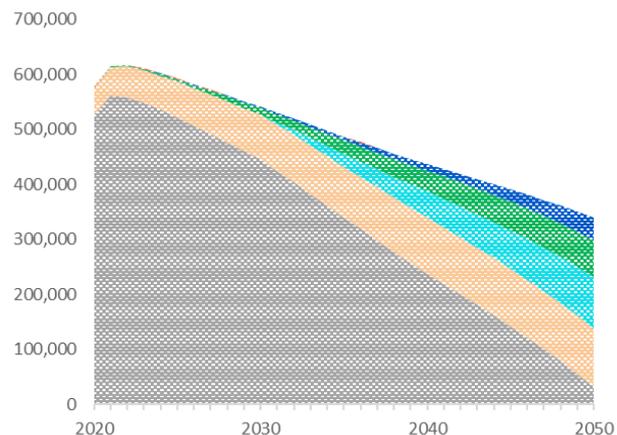
Automotive Fuel Mix (North America)

(In ktoe)

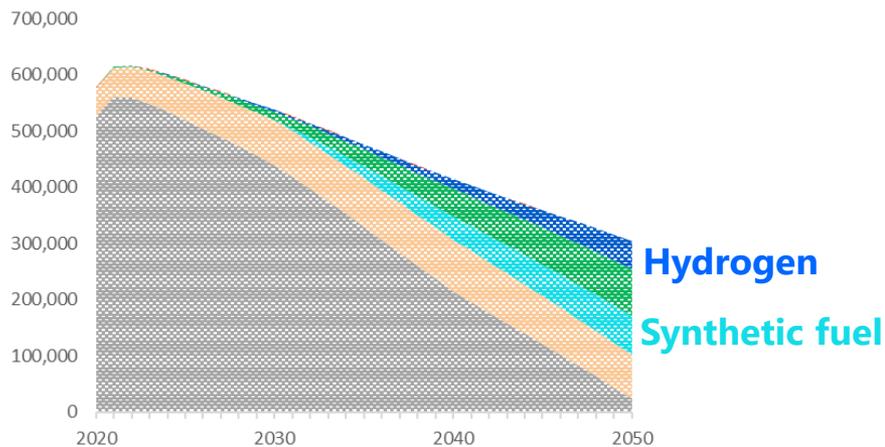
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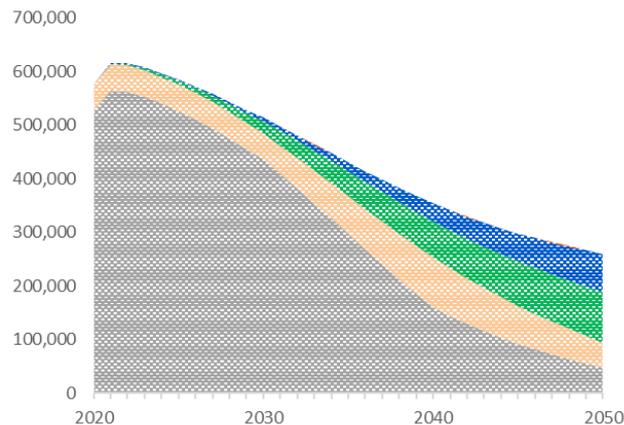
CNF



BEV75



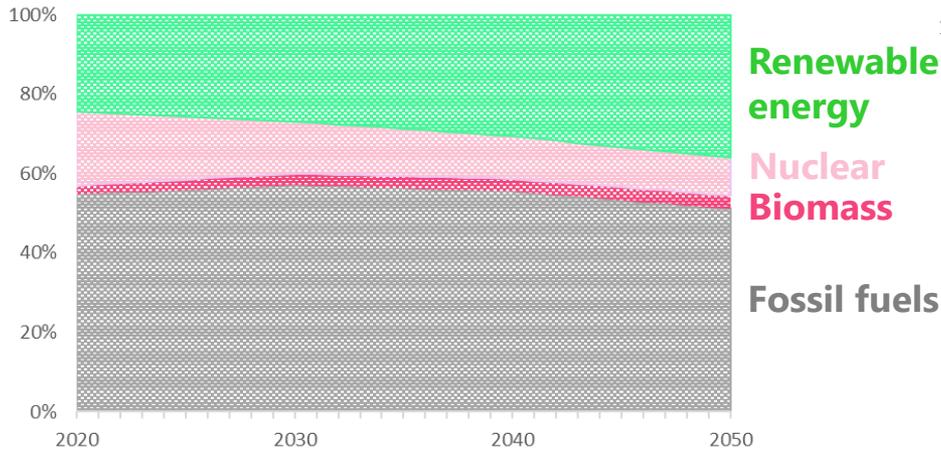
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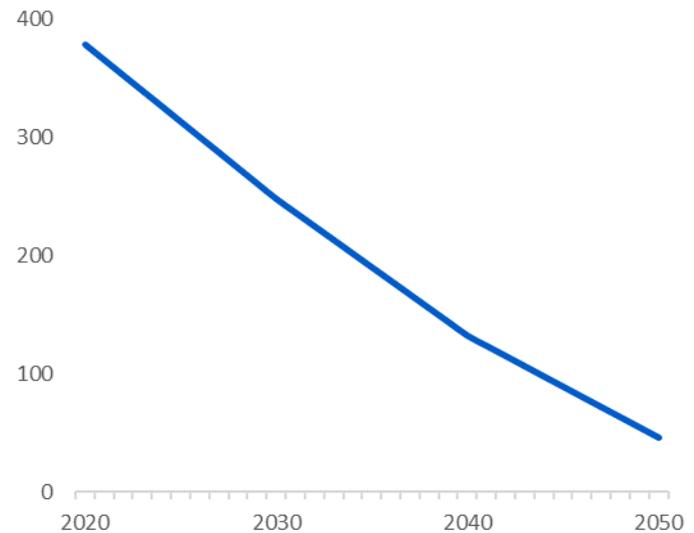
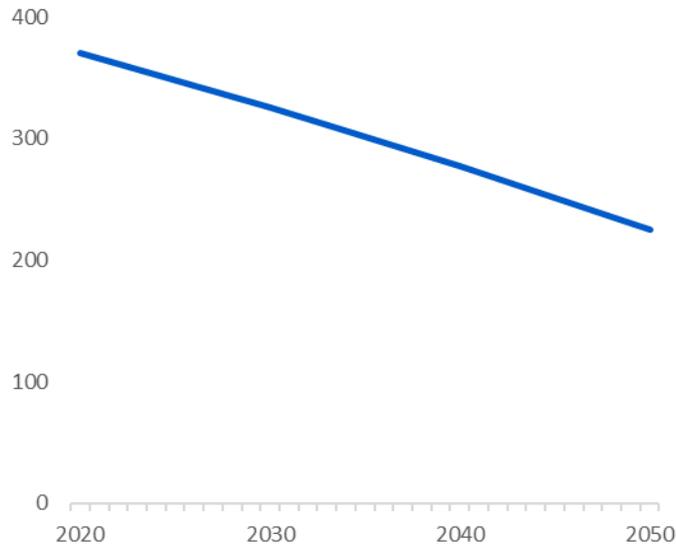
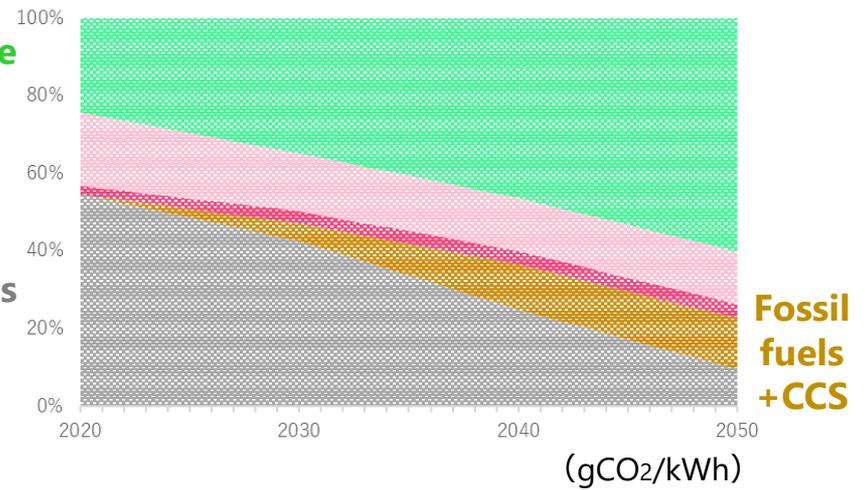
Energy Mix (North America)

(In %)

BAU

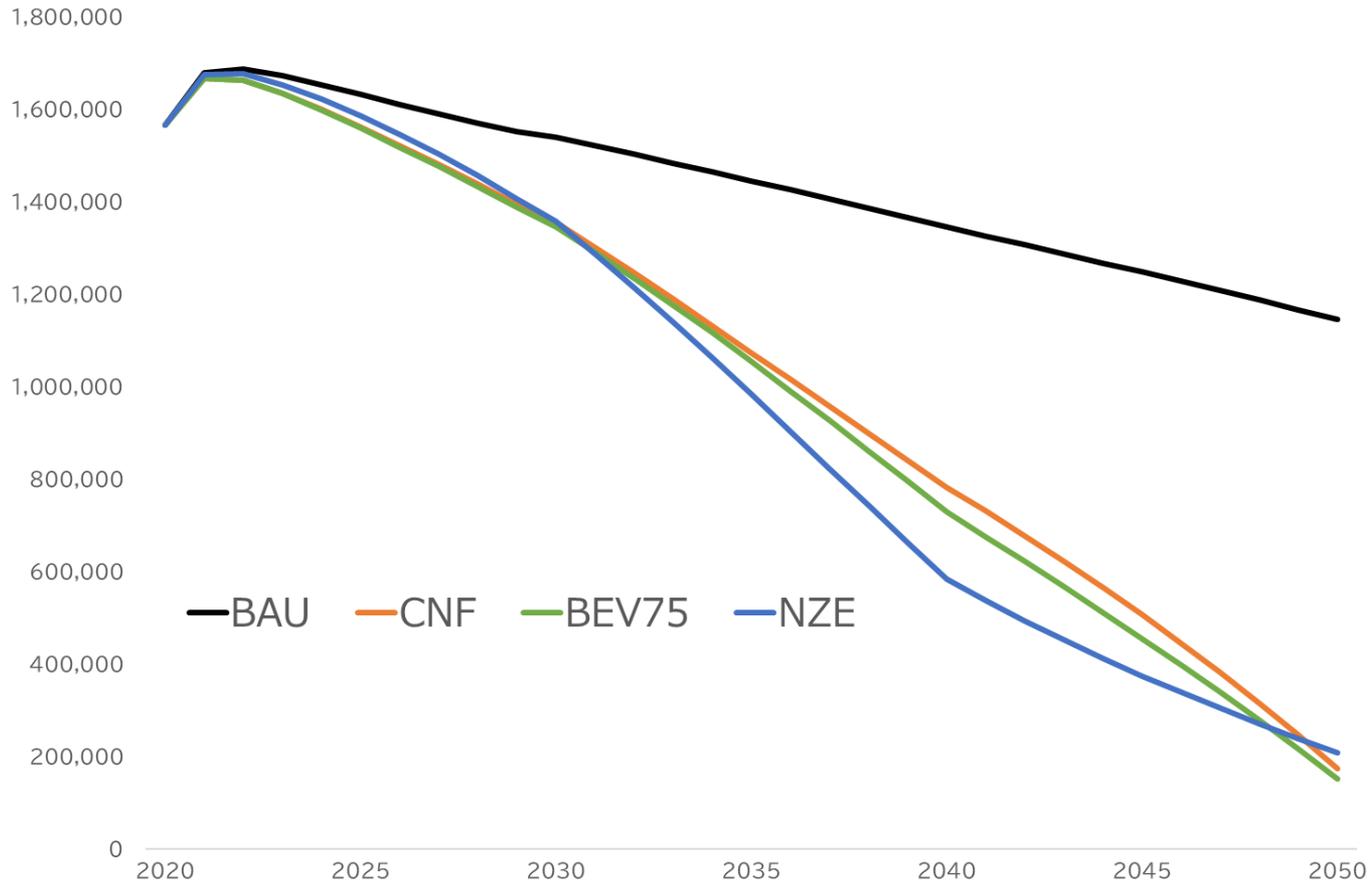


Other than BAU



CO2 Emissions (North America)

(In ktCO₂)



In all the non-BAU scenarios, CO₂ emission levels are approximately -90% compared to 2020.