

Annex 10 – World

World Trends @2050

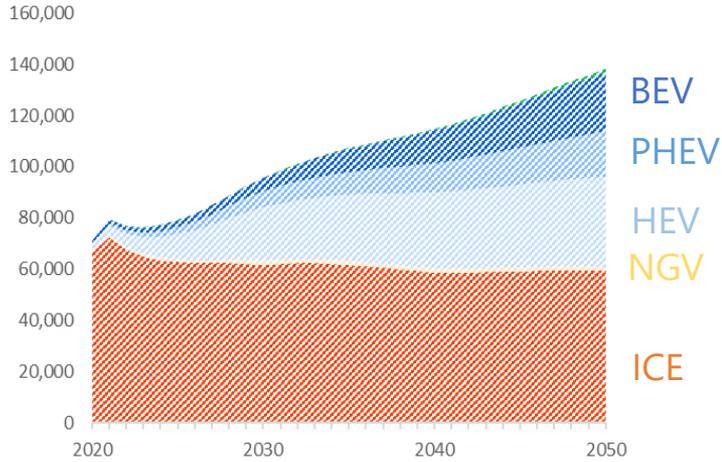
Scenario	Trends World		2050/2020 CO ₂ emissions
All	Market	<ul style="list-style-type: none"> Passenger cars and commercial vehicles: Significant increases in both new vehicles sales and in-use fleets; for motorcycles, gradual increases in new vehicles sales and in-use fleets. 	
	Energy mix	<ul style="list-style-type: none"> Share of clean energy is approximately 80%. 	
CNF	Electrified vehicles	<ul style="list-style-type: none"> Share of BEVs/FCEVs in new passenger car and commercial vehicle sales is approximately 50%. Share of BEVs/FCEVs in in-use passenger car and commercial vehicle fleets is approximately 30%. 	-58% approx.
	Fuel mix	<ul style="list-style-type: none"> Share of biofuels + electricity + hydrogen is approximately 60%. 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 passenger car and commercial vehicle sales share is approximately 80%. Share of BEVs/FCEVs in in-use passenger car and commercial vehicle fleets is approximately 60%. 	-66% approx.
	Fuel mix	<ul style="list-style-type: none"> Share of biofuels + electricity + hydrogen is approximately 70%. CNF share represents approx. 20% of total fuel consumption in 2020. 	
NZE	Electrified vehicles	<ul style="list-style-type: none"> Share of BEVs/FCEVs in new passenger car and commercial vehicle sales is 100%. Share of BEVs/FCEVs in in-use passenger car and commercial vehicle fleets is more than 80%. 	-73% approx..
	Fuel mix	<ul style="list-style-type: none"> Approximately 80% is biofuels + electricity + hydrogen. (Assumption: Synthetic fuel = 0%.) Biofuel share = 7% of total fuel consumption in 2020. 	

World CO₂ emissions in all the scenarios are within or lower than the IPCC 2050 1.5°C climate scenarios' -42% to -68% range.

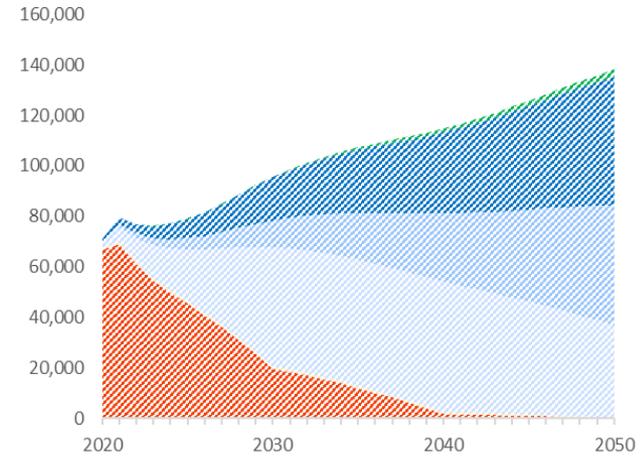
New Passenger Car Sales (World)

(x 1,000 units)

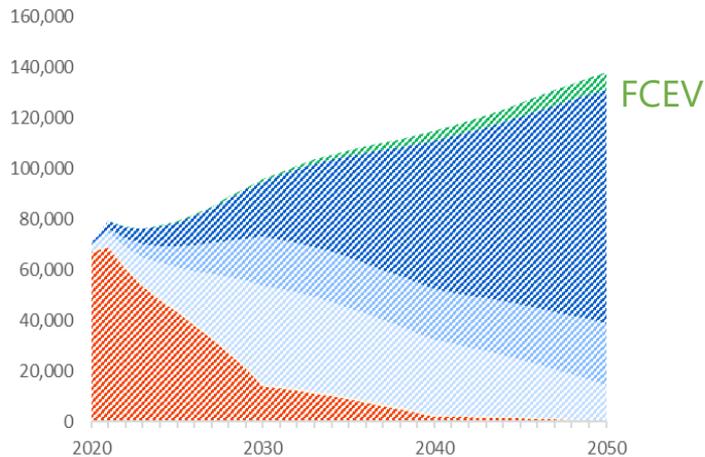
BAU



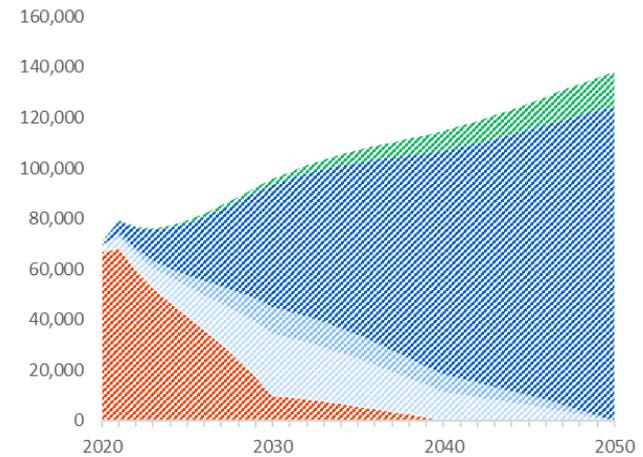
CNF



BEV75



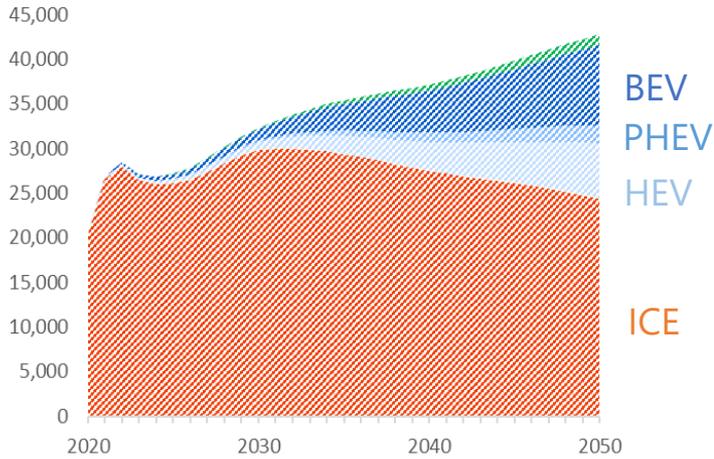
NZE



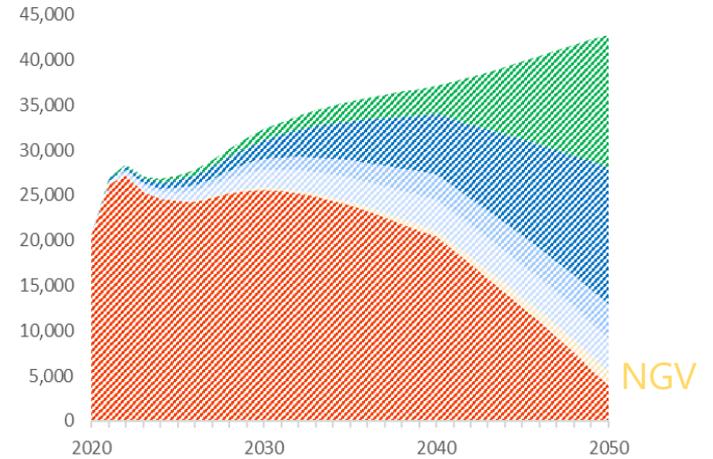
New Commercial Vehicle Sales (World)

(x 1,000 units)

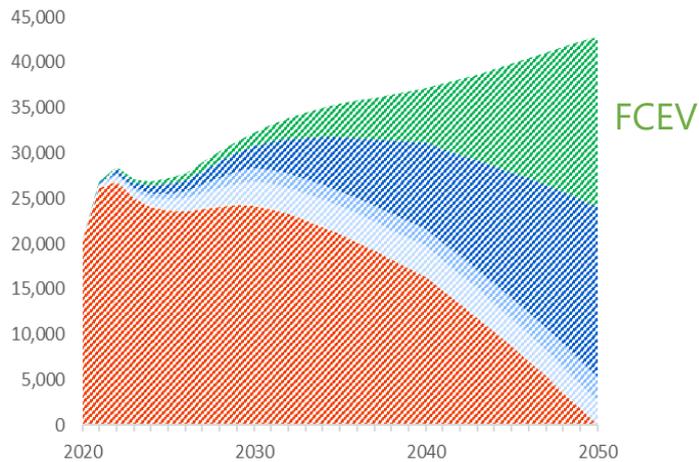
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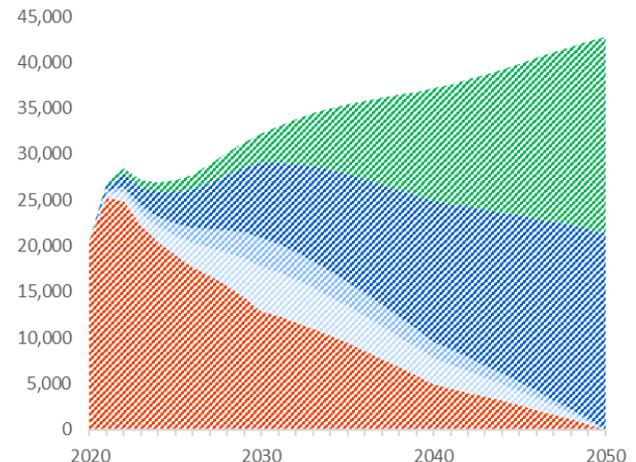
CNF



BEV75



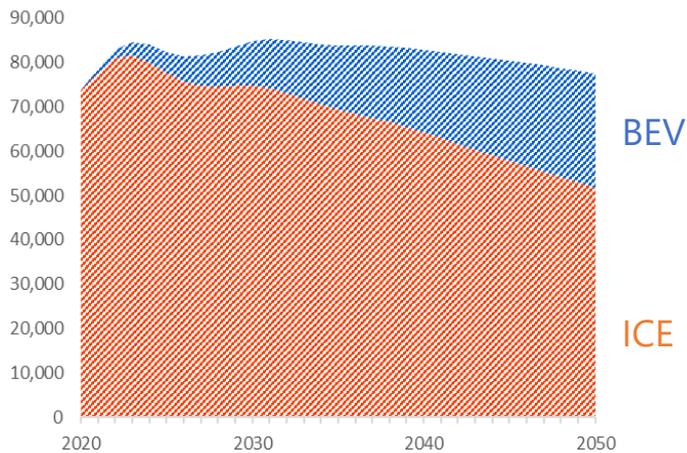
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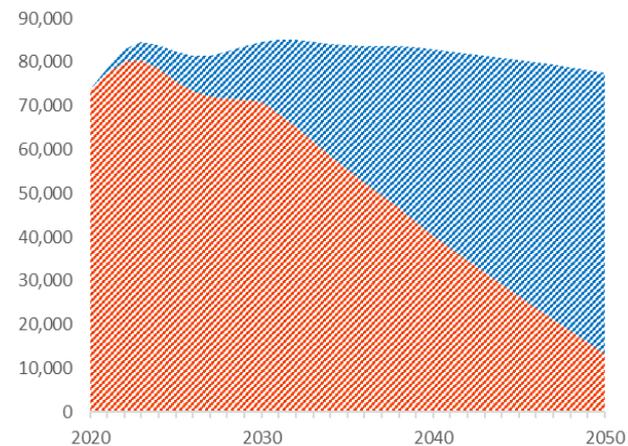
New Motorcycle Sales (World)

(x 1,000 units)

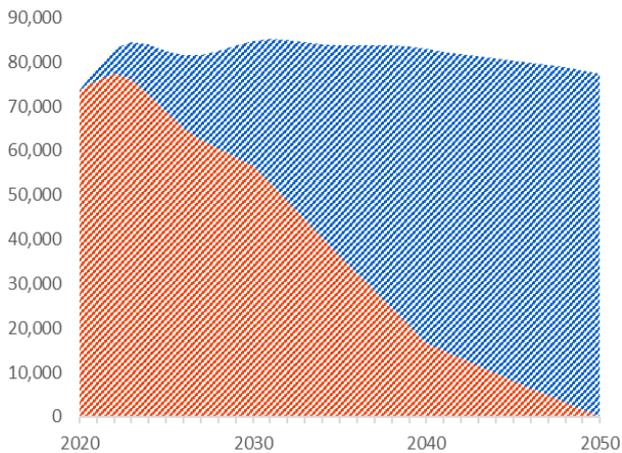
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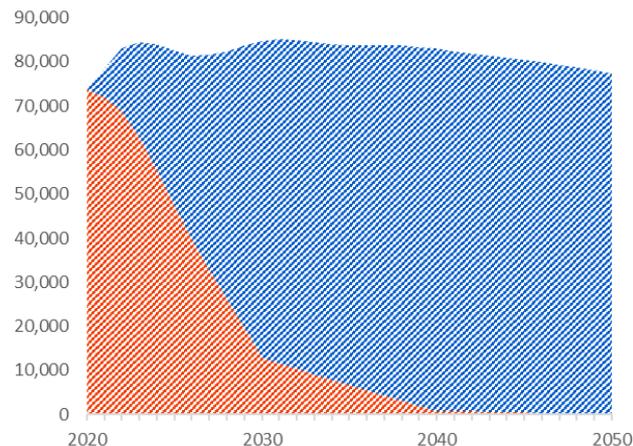
CNF



BEV75



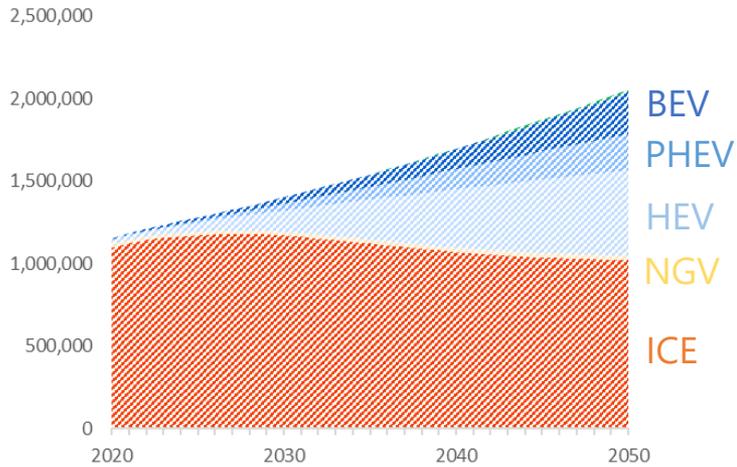
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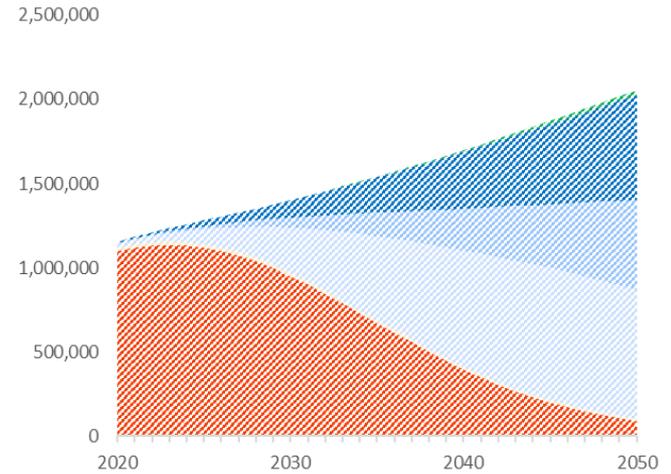
In-Use Passenger Car Fleet (World)

(x 1,000 units)

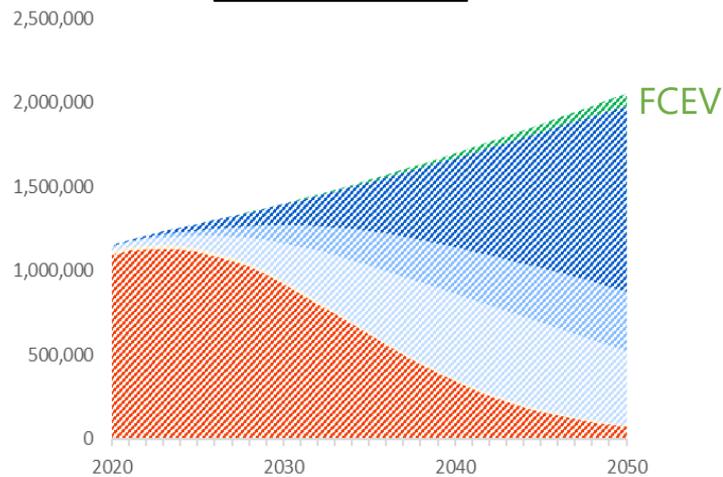
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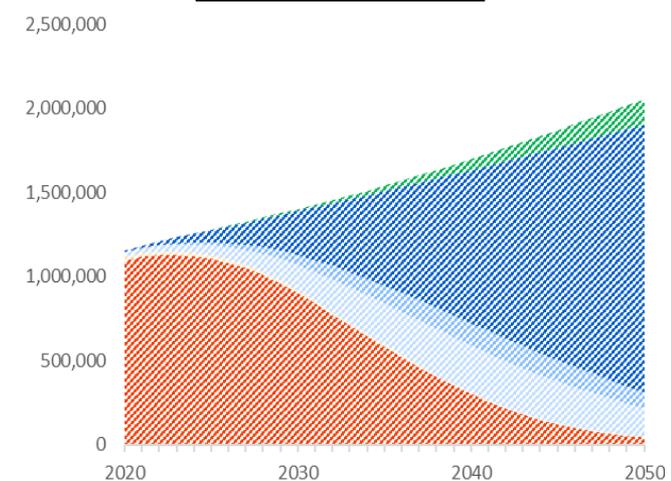
CNF



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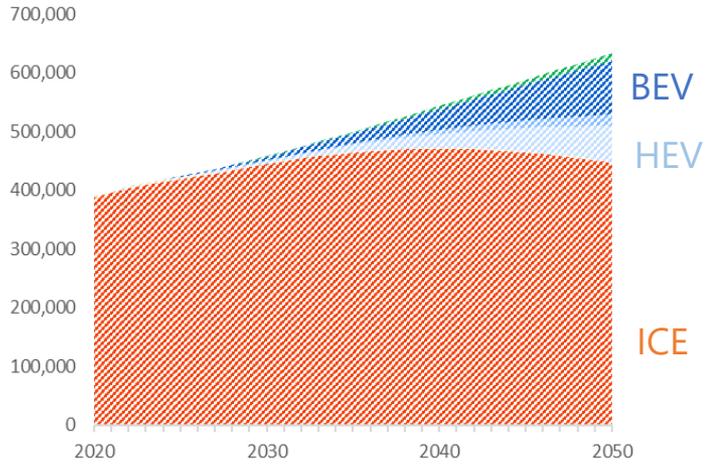
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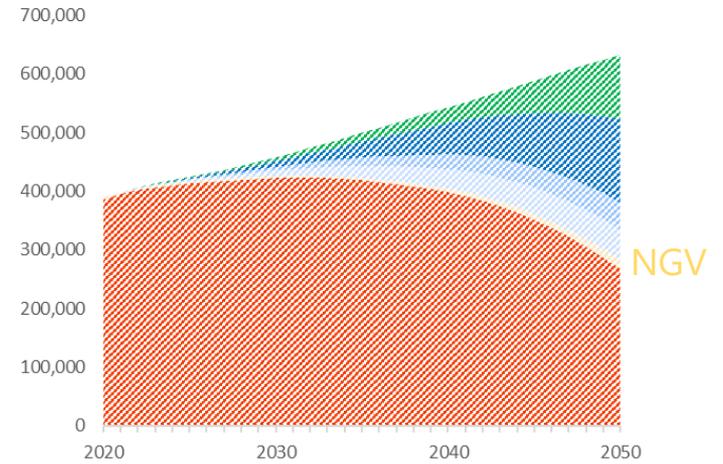
In-Use Commercial Vehicle Fleet (World)

(x 1,000 units)

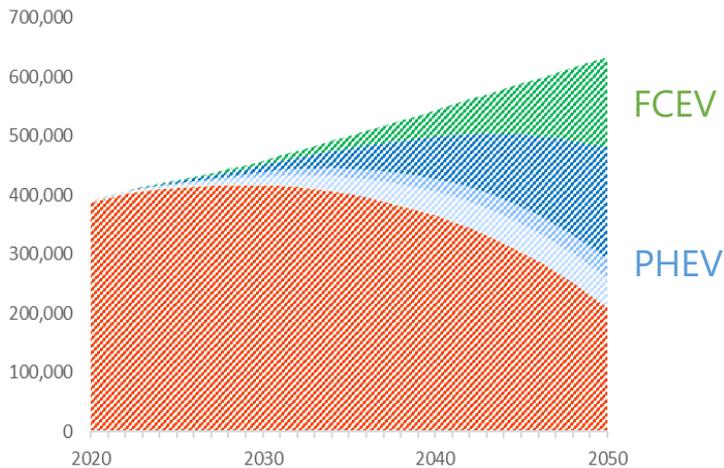
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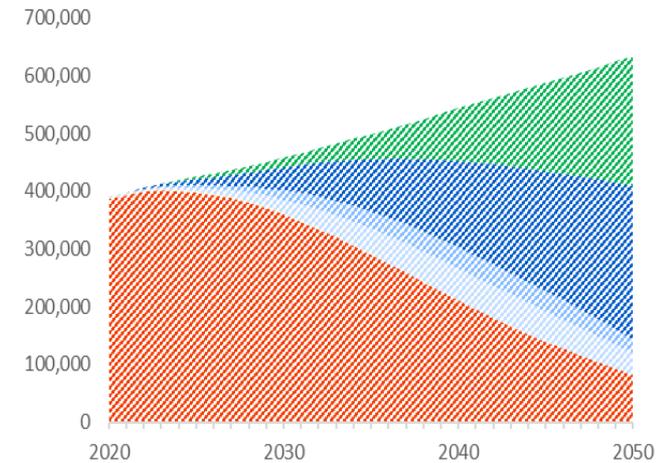
CNF



BEV75



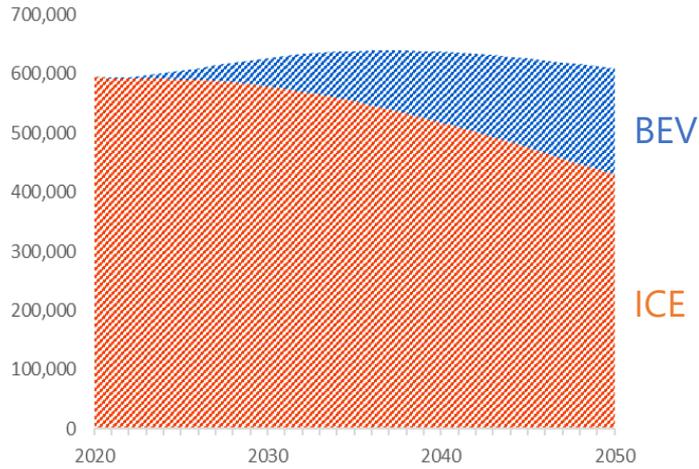
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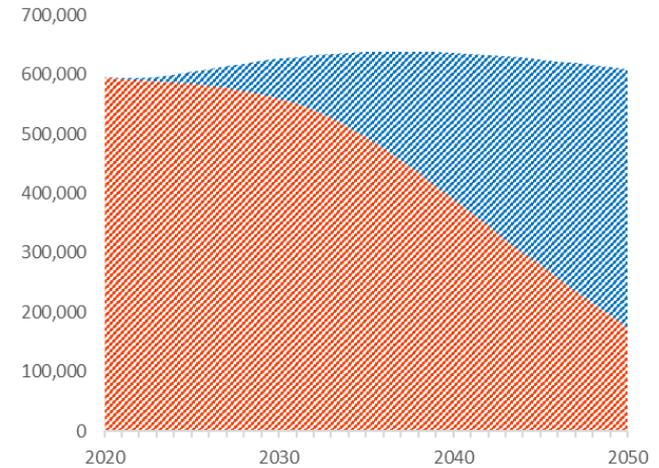
In-Use Motorcycle Fleet (World)

(x 1,000 units)

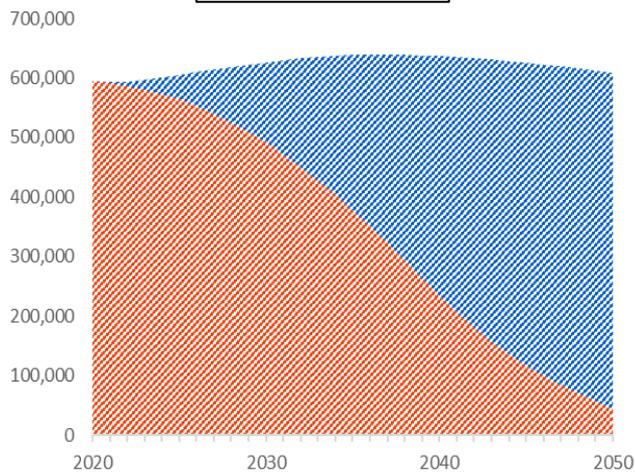
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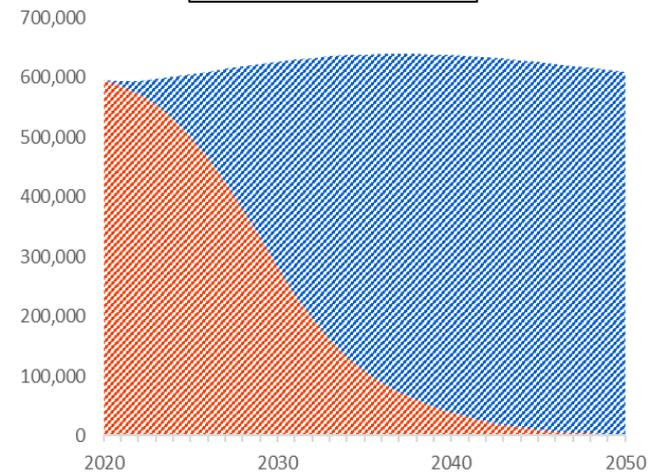
CNF



BEV75

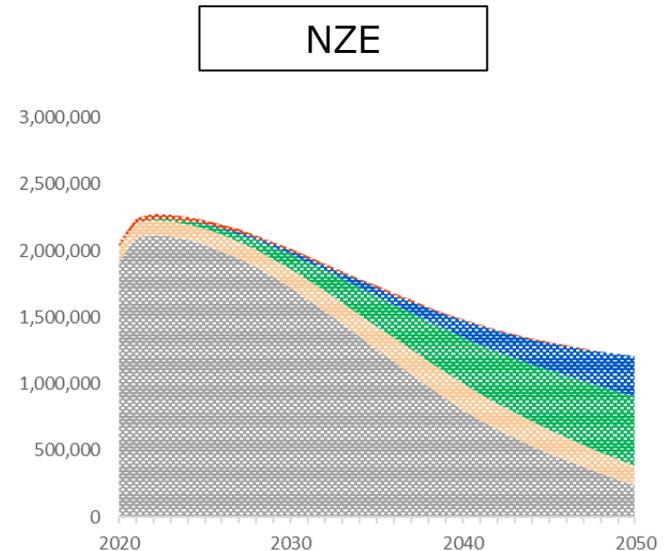
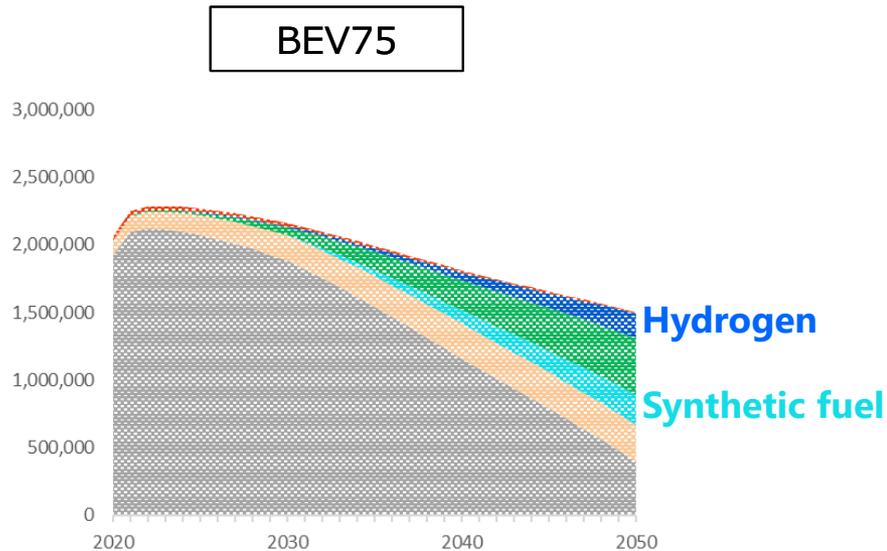
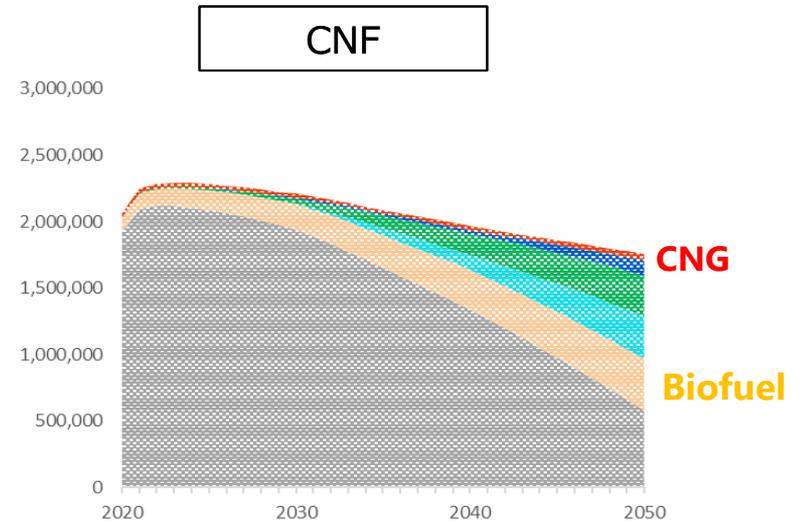
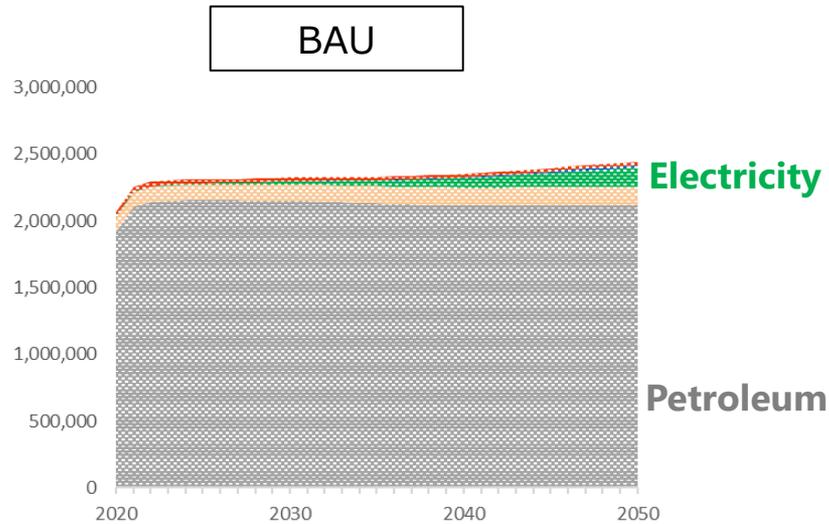


NZE



Automotive Fuel Mix (World)

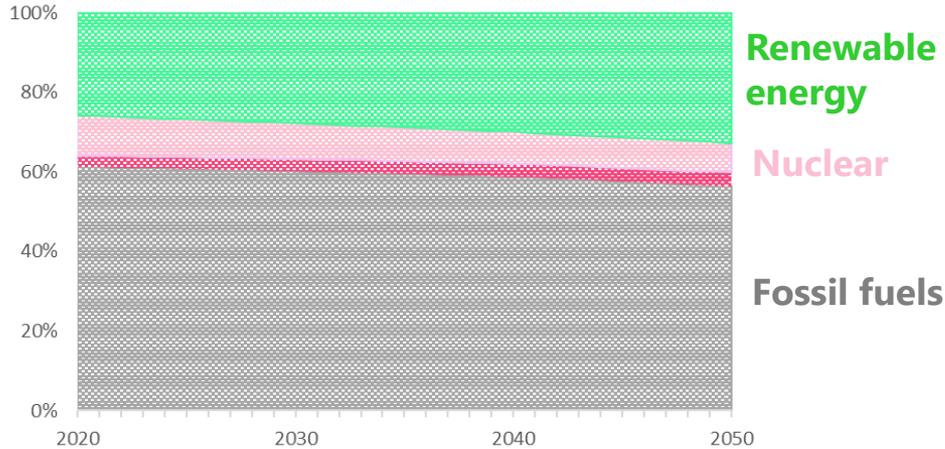
(In ktoe)



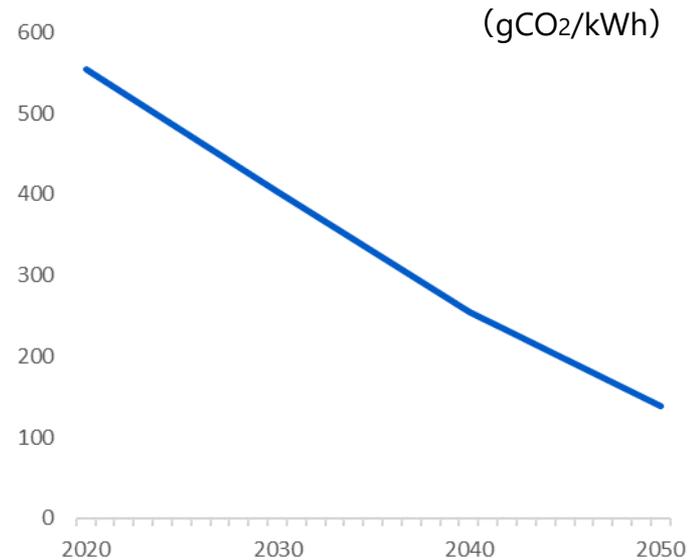
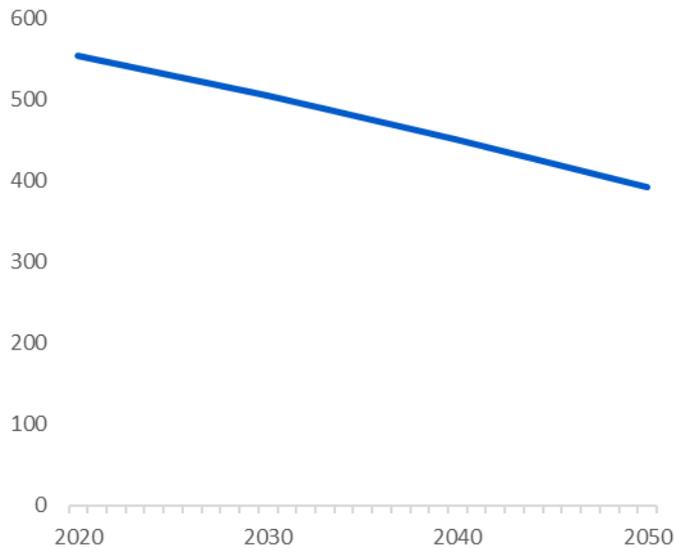
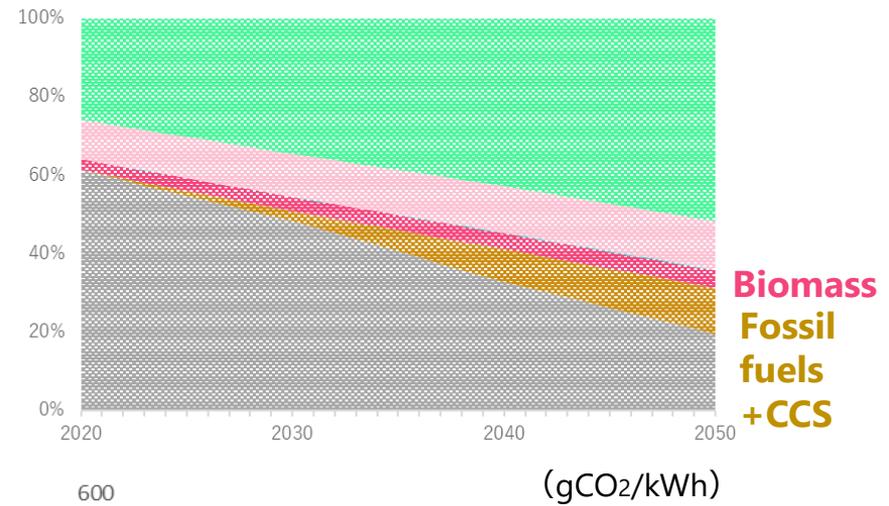
Energy Mix (World)

(In %)

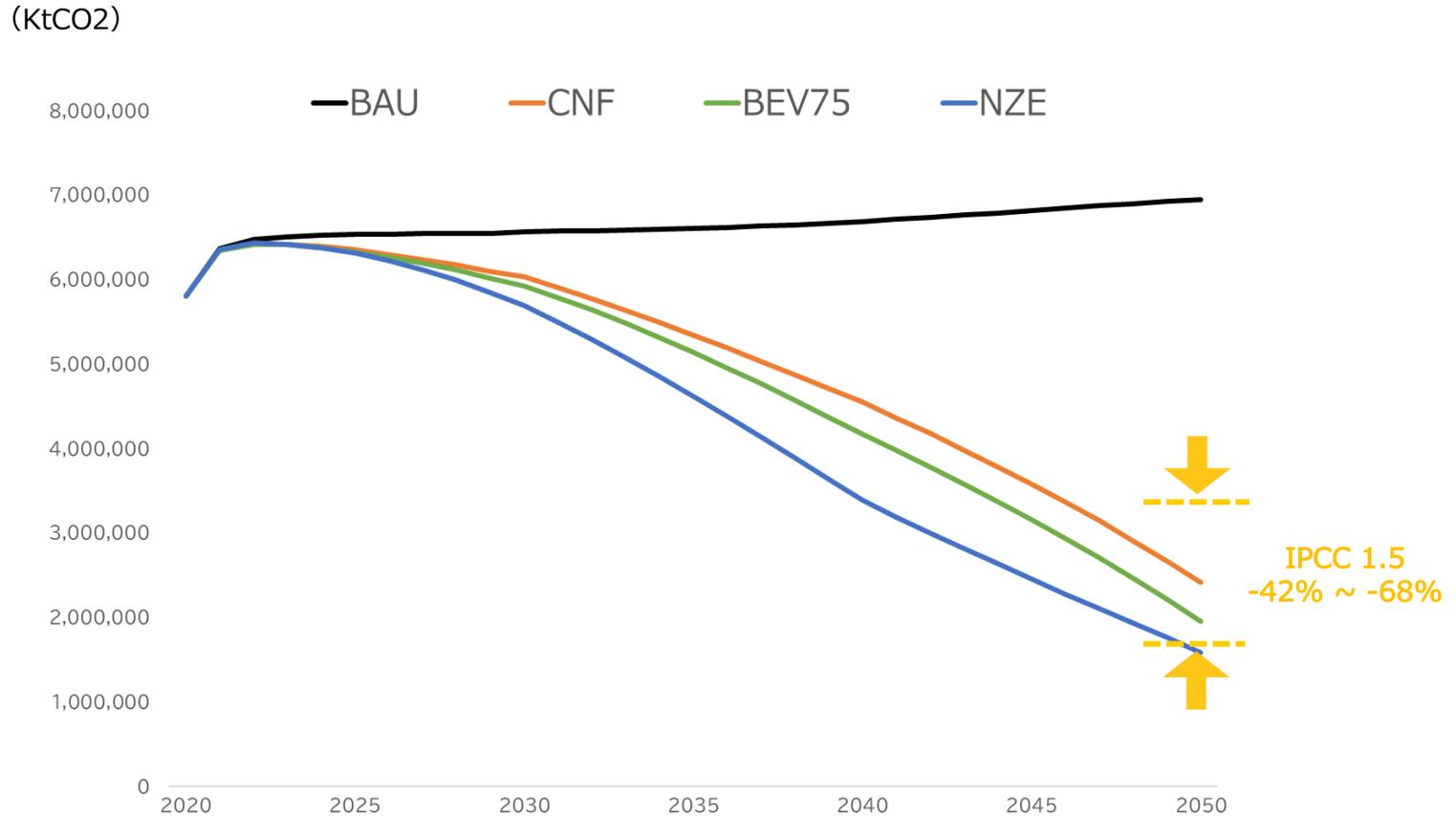
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Other than BAU



CO2 Emissions (World)



World CO2 emissions in all the scenarios are within or lower than the IPCC 2050 1.5°C climate scenarios' -42% to -68% range.