

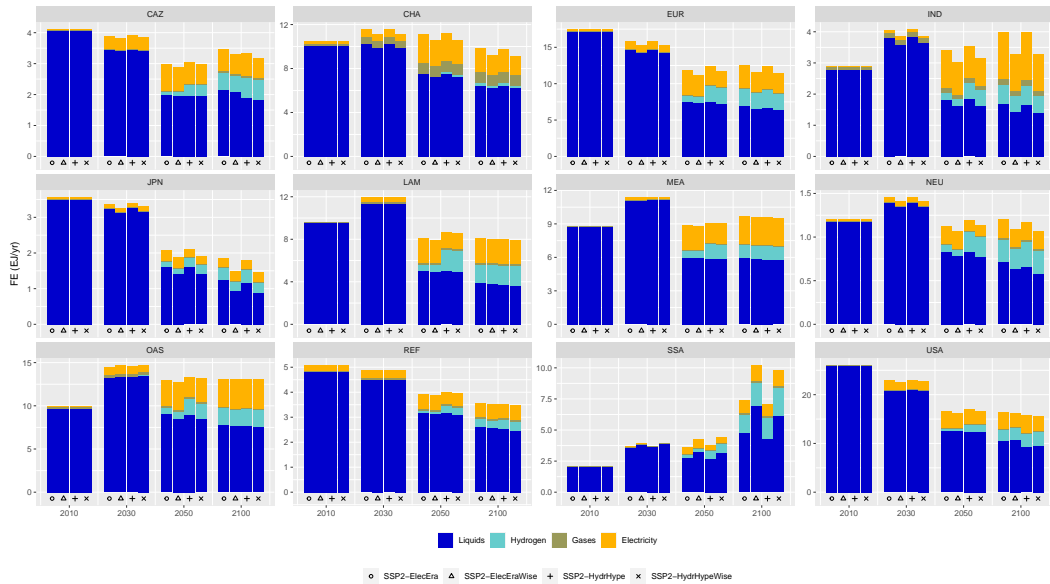
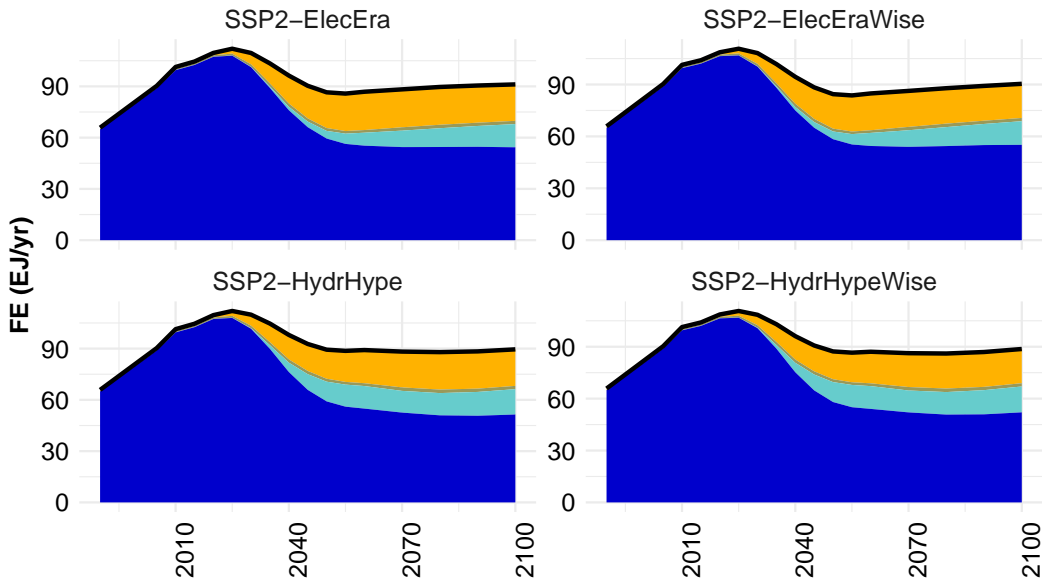
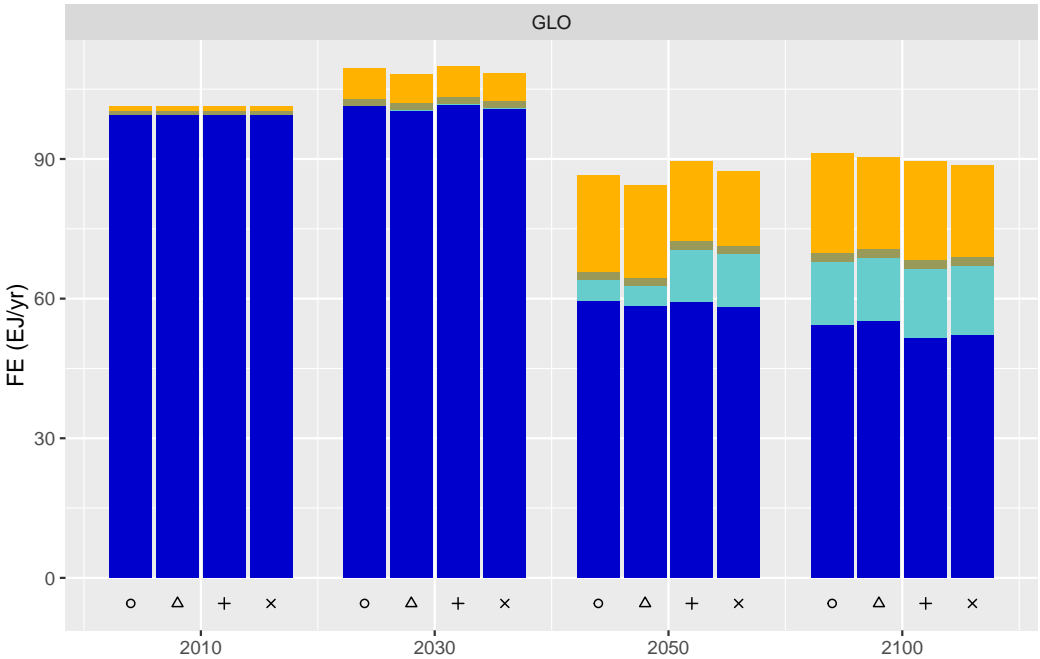
Contents

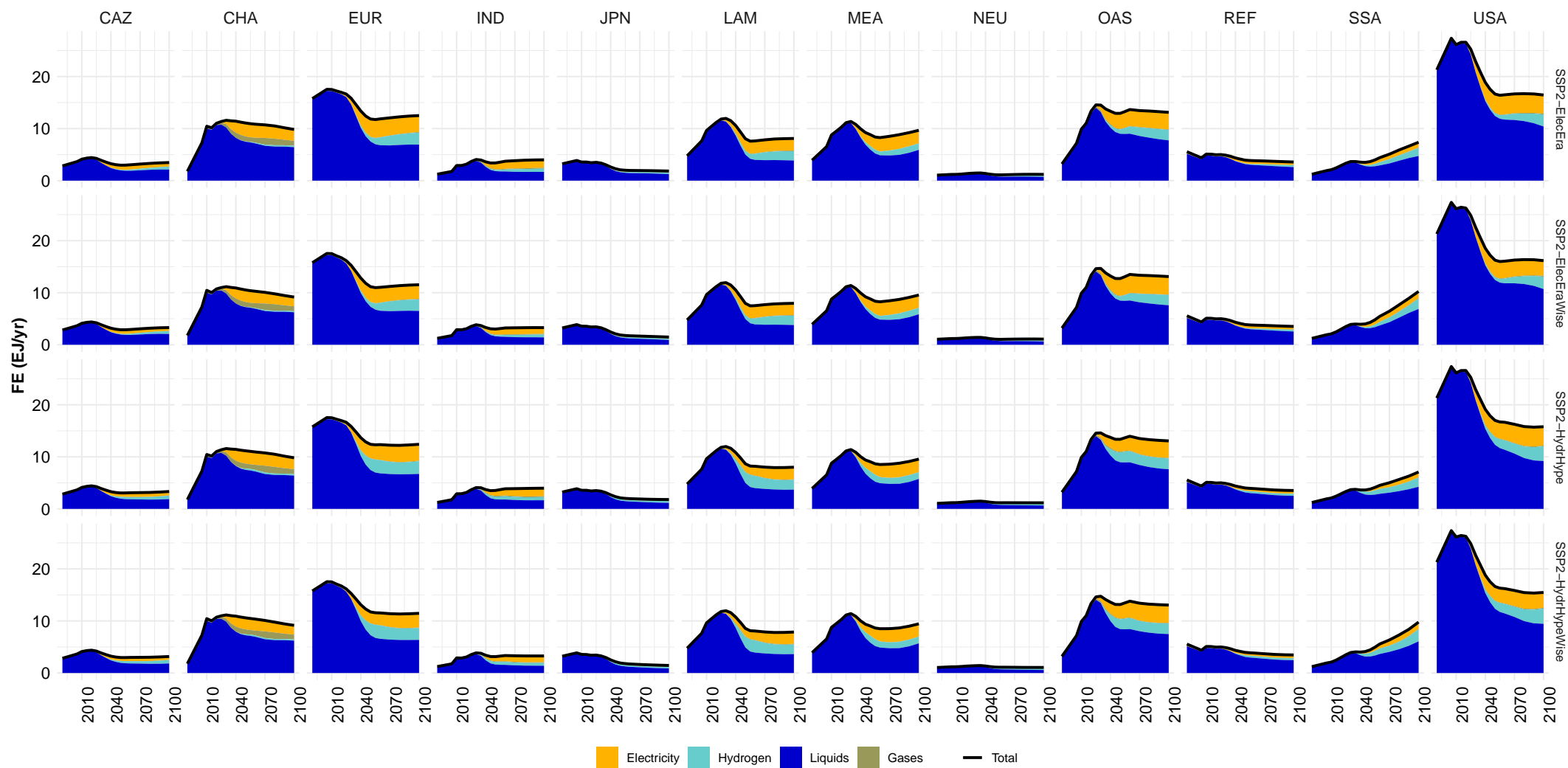
1	Energy	2
1.1	Final energy by carrier	2
1.1.1	Total	2
1.1.2	Passenger	4
1.1.3	Passenger LDV	6
1.1.4	Passenger non-LDV	8
1.1.5	Freight	10
1.1.6	Bunkers	12
1.1.7	W/O Bunkers	14
1.2	Final energy by transport modes	16
1.3	Final energy bunkers vs. no bunkers	18
1.4	Final Energy line plots	20
1.4.1	Total	20
1.4.2	W/O Bunkers	21
1.4.3	Bunkers	22
1.5	Useful energy by carrier	23
1.5.1	Total	23
1.5.2	Passenger	25
1.5.3	Passenger LDV	27
1.5.4	Passenger non-LDV	29
1.5.5	Freight	31
1.5.6	Bunkers	35
1.5.7	W/O Bunkers	37
2	Energy services	39
2.1	Passenger without bunkers by vehicle type	39
2.2	Passenger bunkers	41
2.3	Freight without bunkers by vehicle type	43
2.4	Freight bunkers by vehicle type	45
2.5	LDV's by technology	47
2.6	Busses by technology	49
2.7	Trucks by technology	51
3	Cost trends	53
3.1	Example large car and SUV	53
3.1.1	BEV	53
3.1.2	FCEV	53
3.1.3	Liquids	53
3.1.4	NG	54
3.2	Example compact car	54
3.2.1	BEV	54
3.2.2	FCEV	55
3.2.3	Liquids	55
3.2.4	NG	55

1 Energy

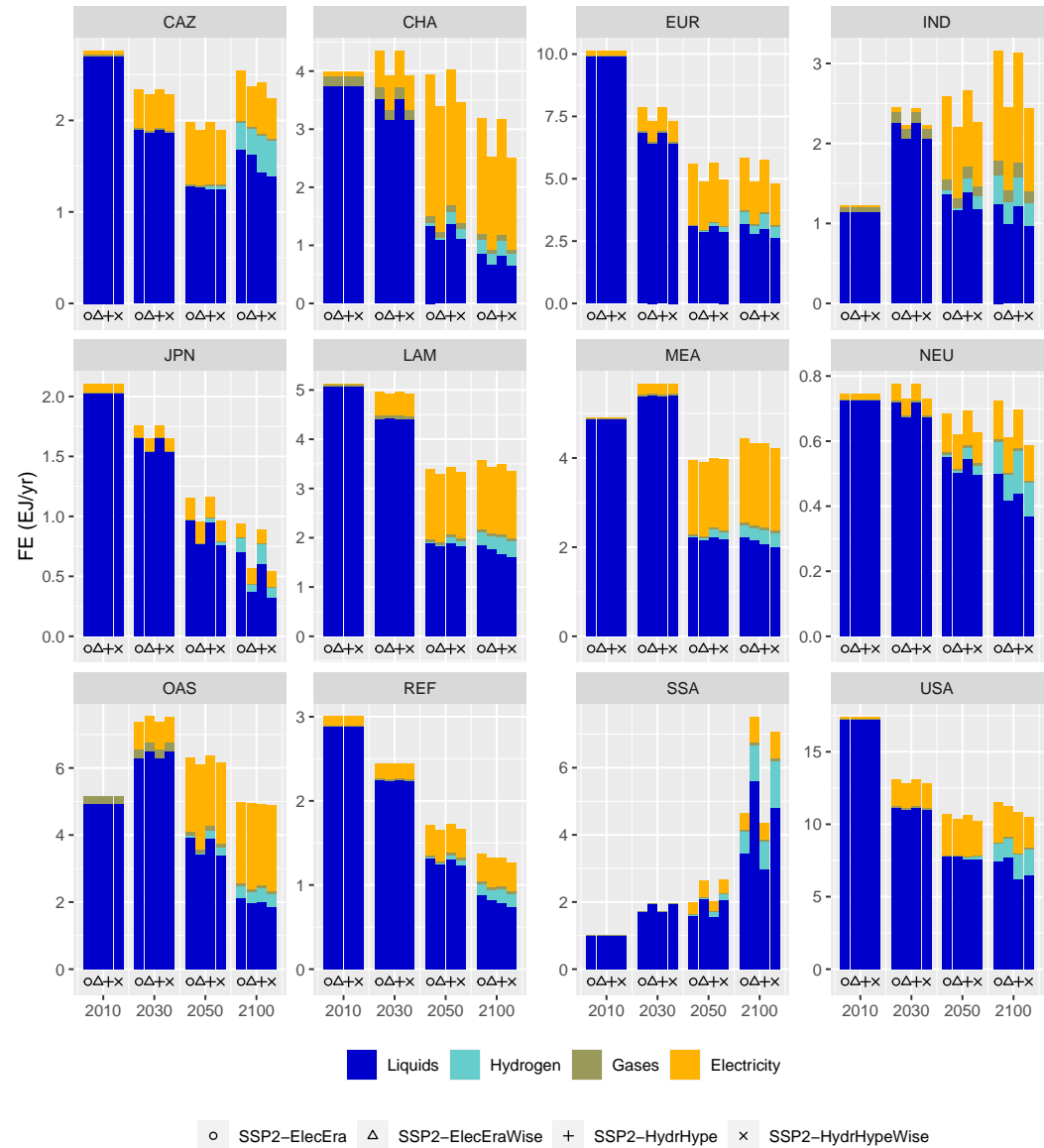
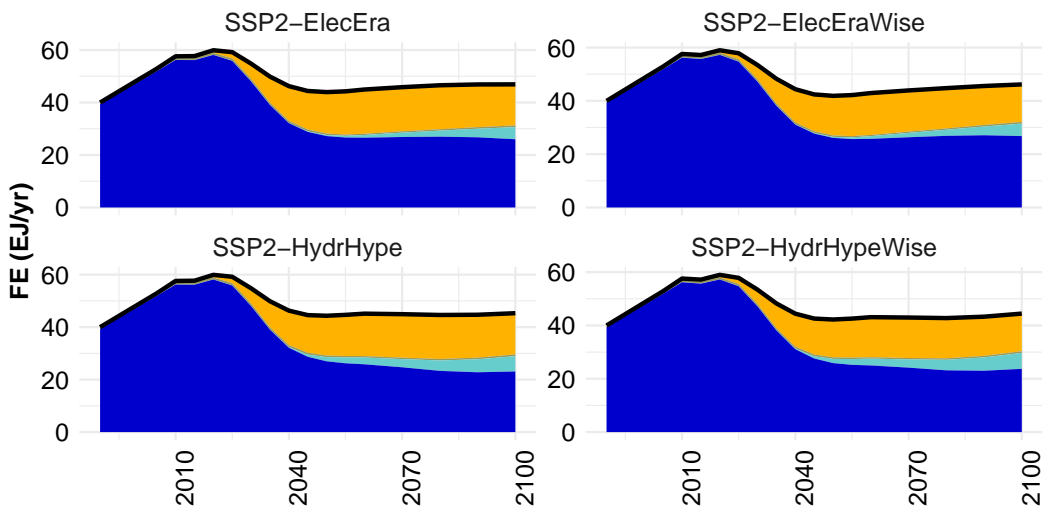
1.1 Final energy by carrier

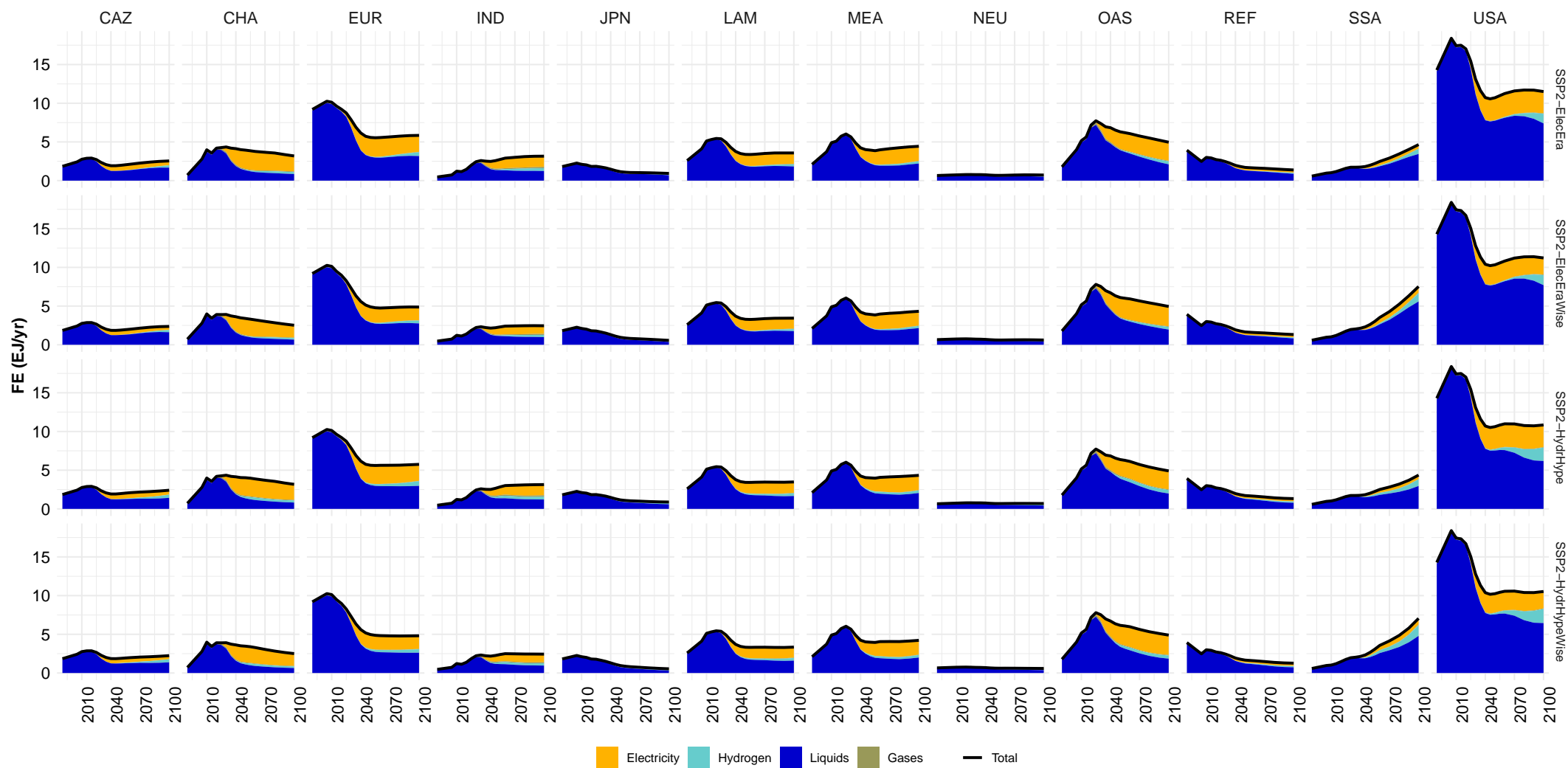
1.1.1 Total



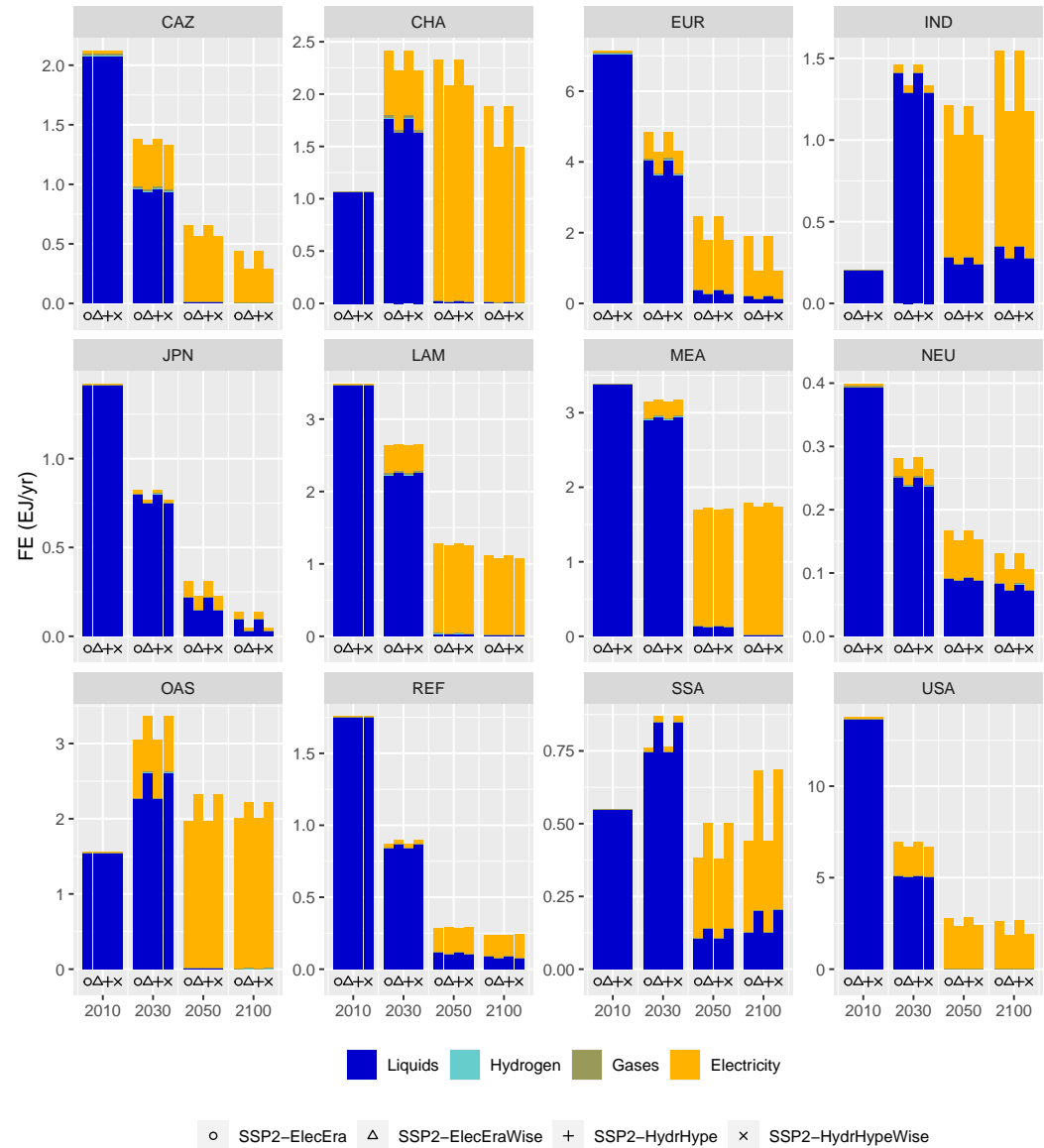
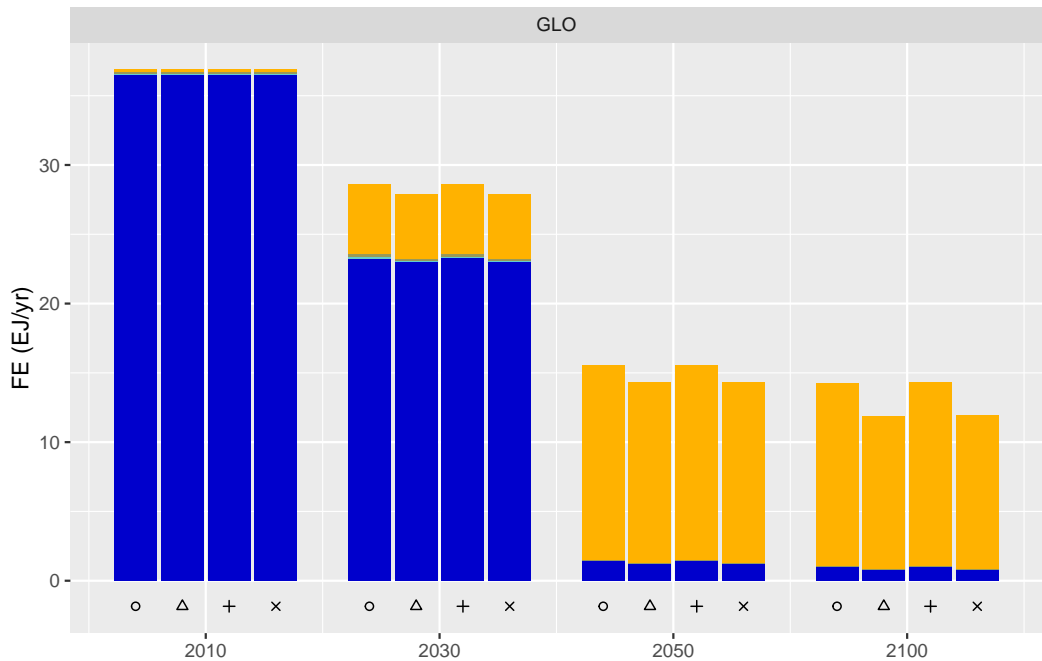
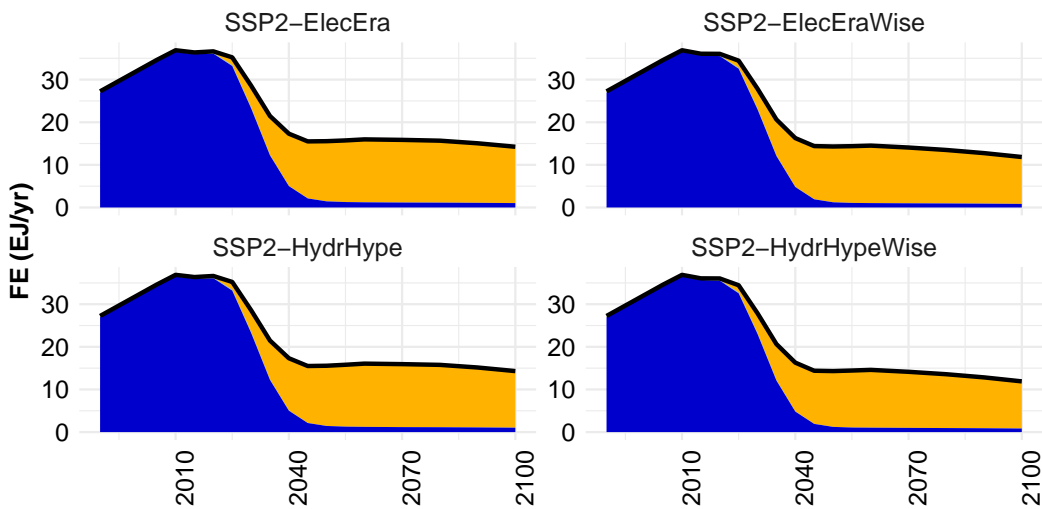


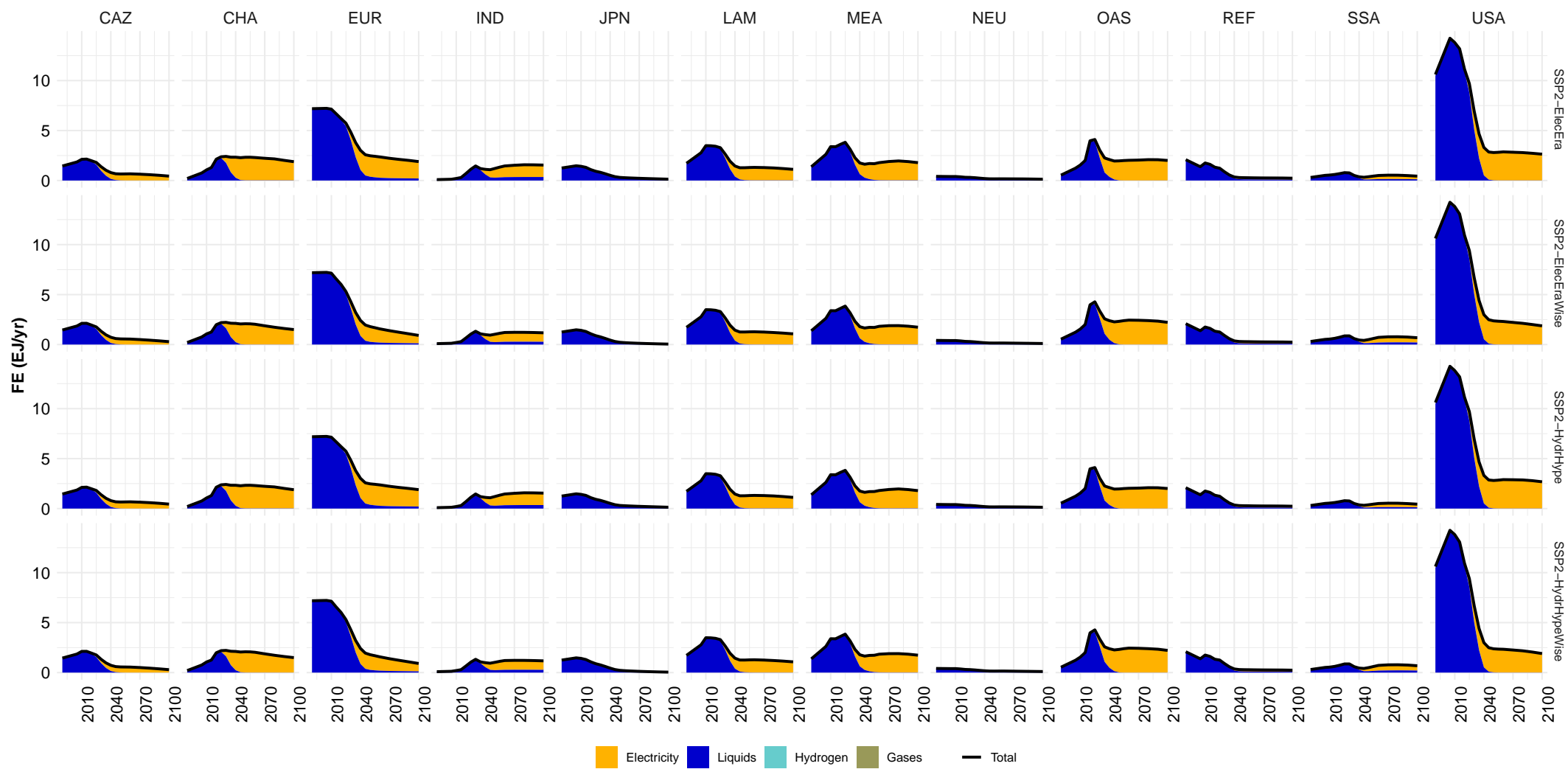
1.1.2 Passenger



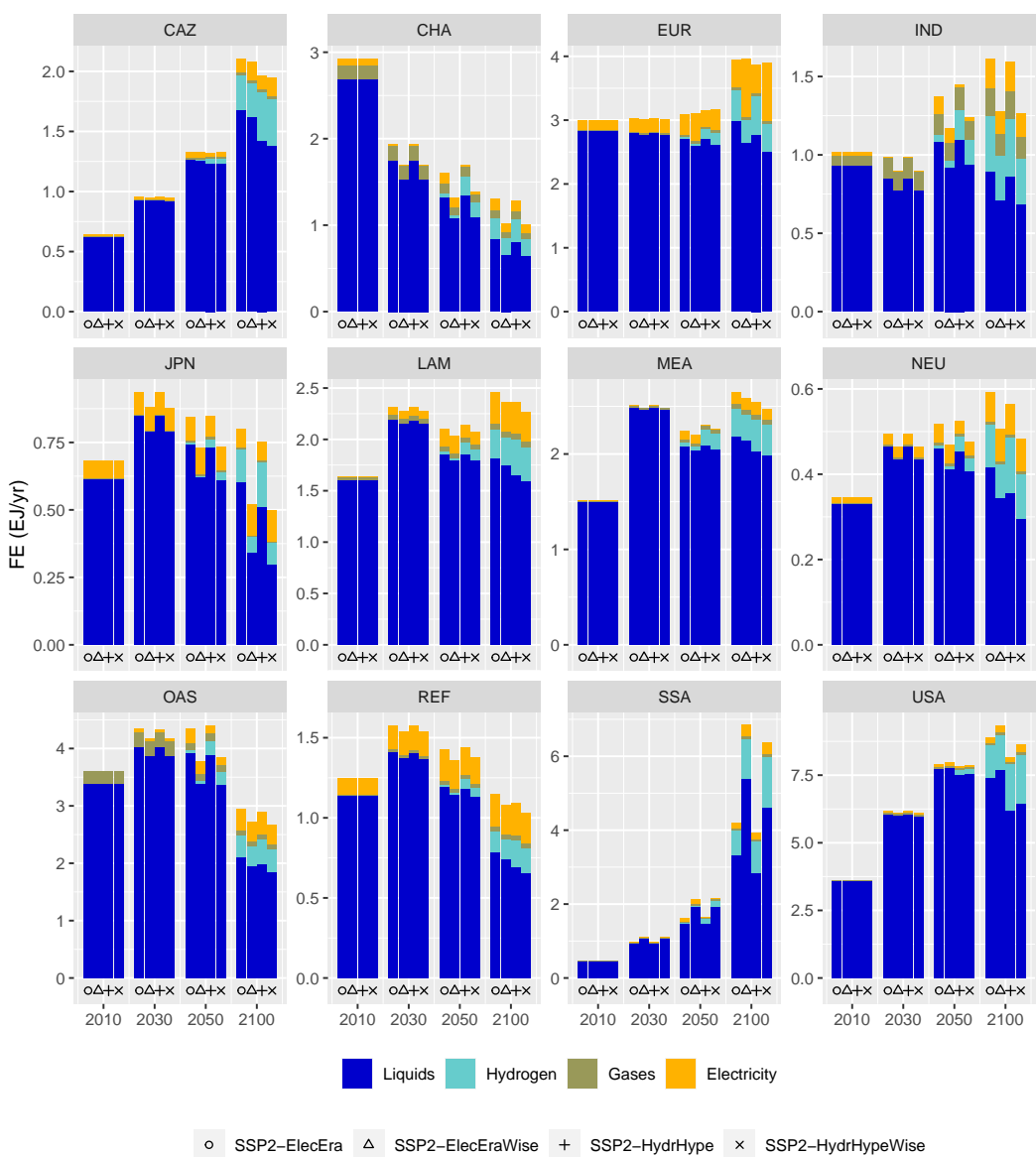
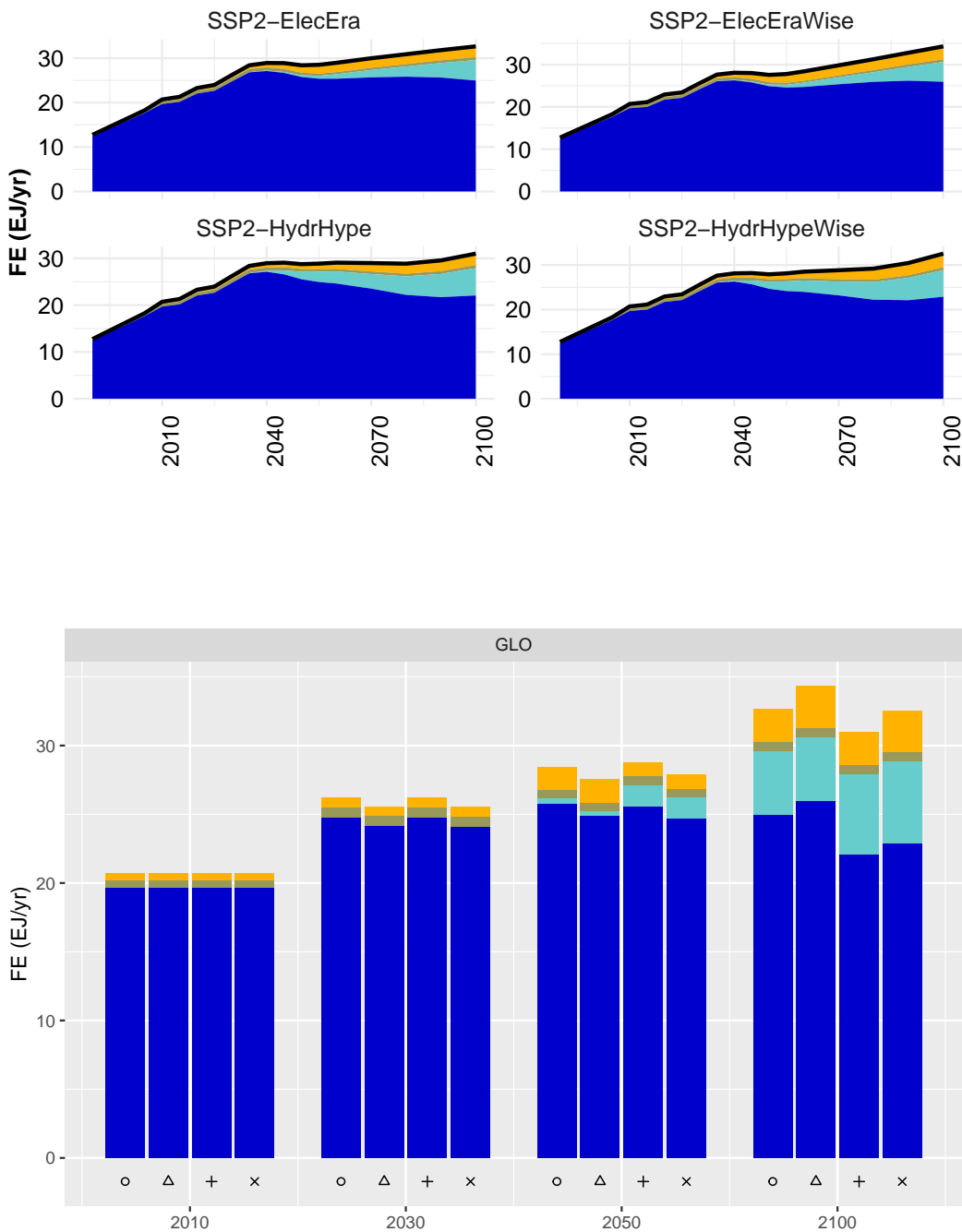


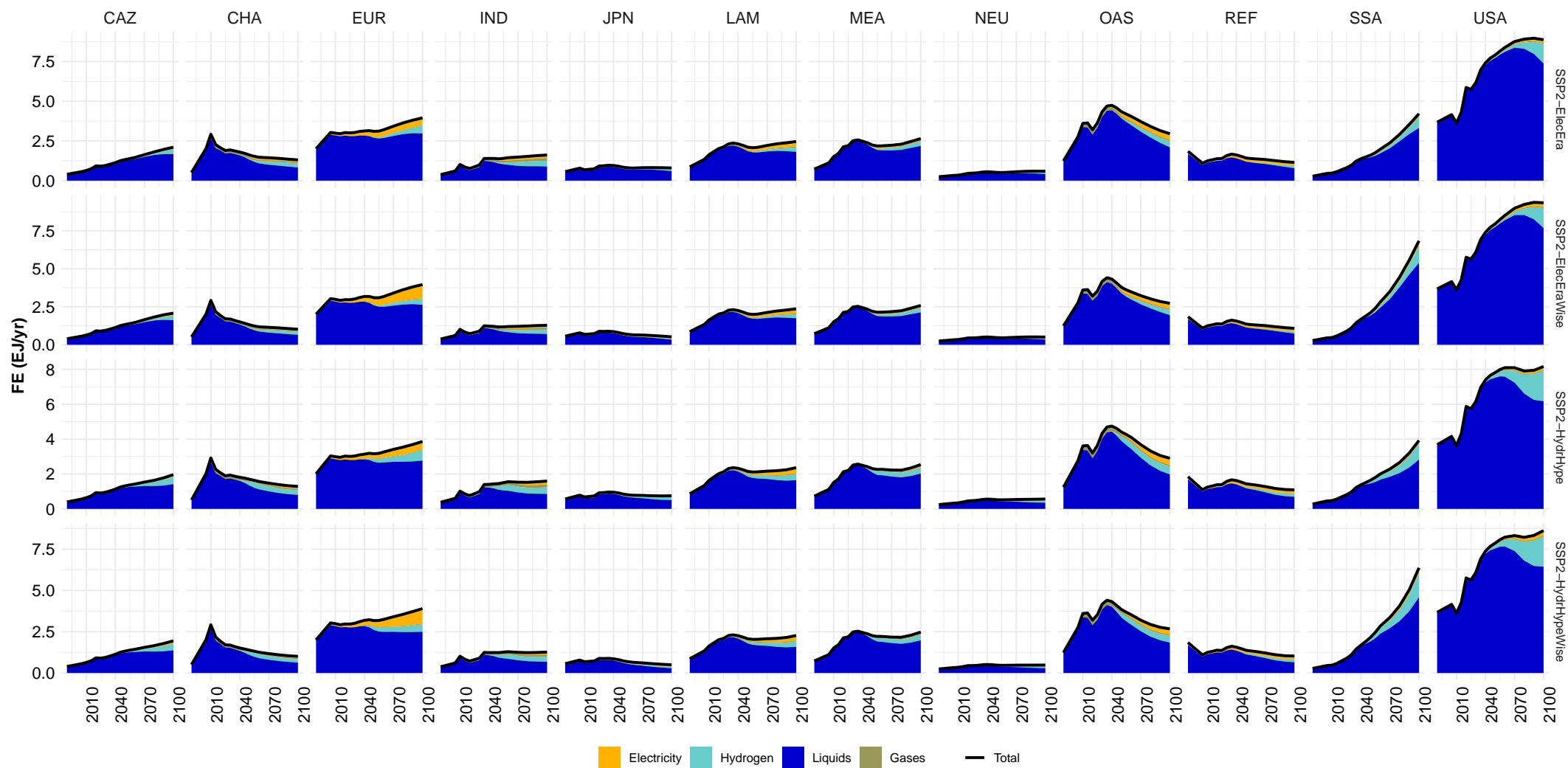
1.1.3 Passenger LDV



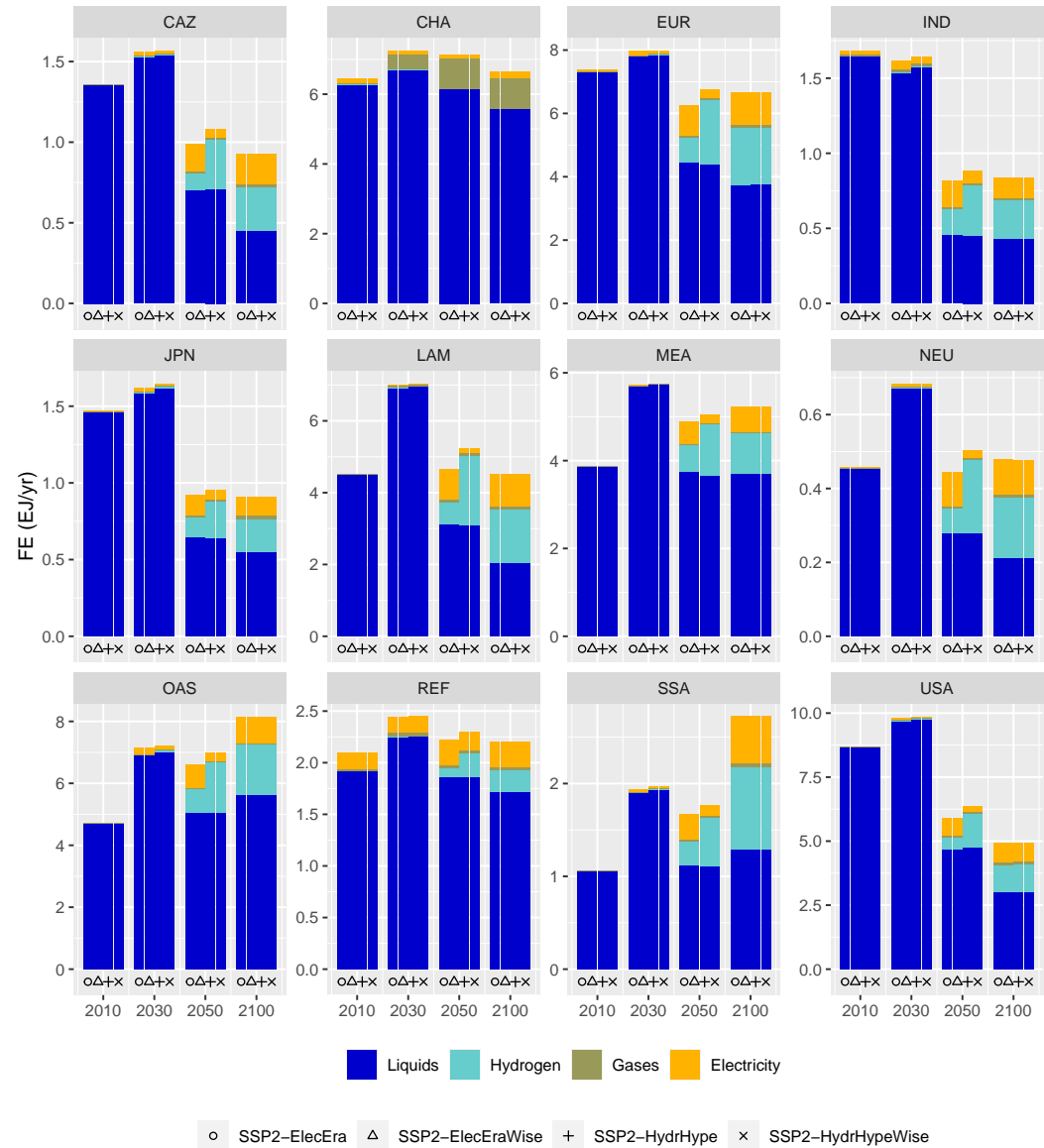
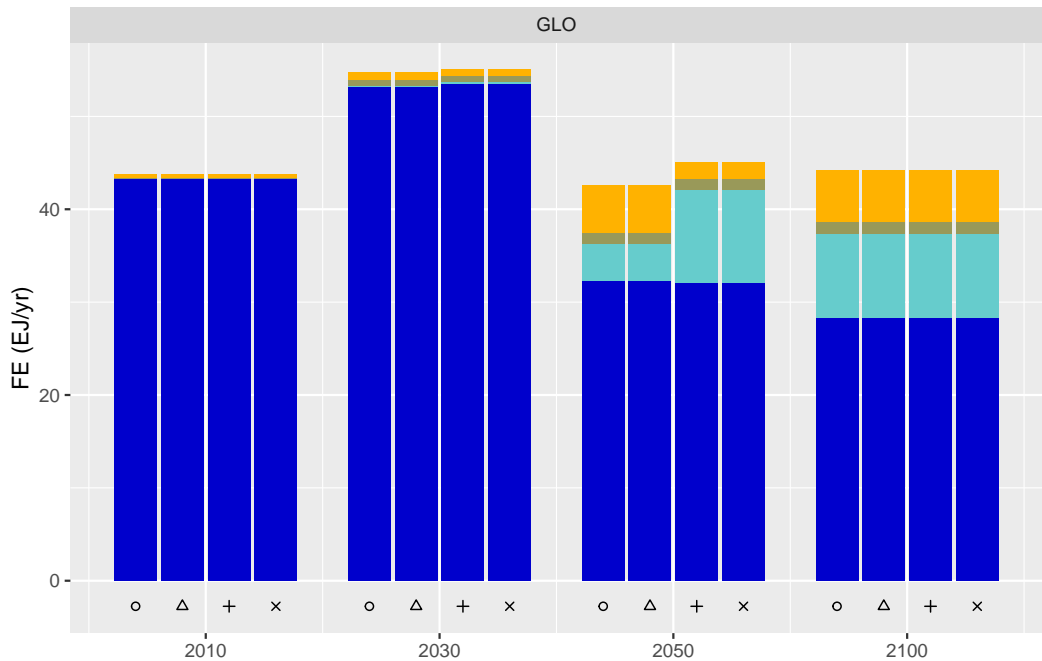
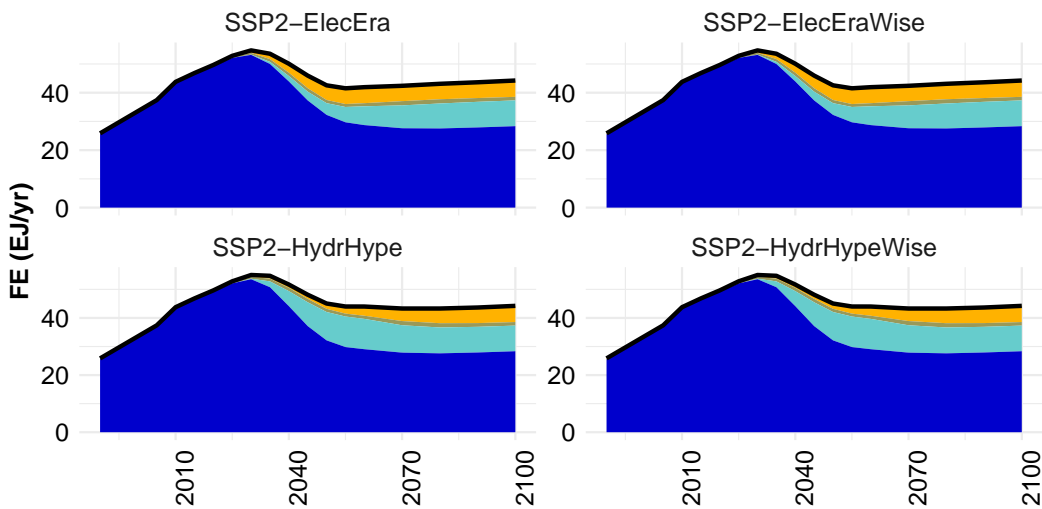


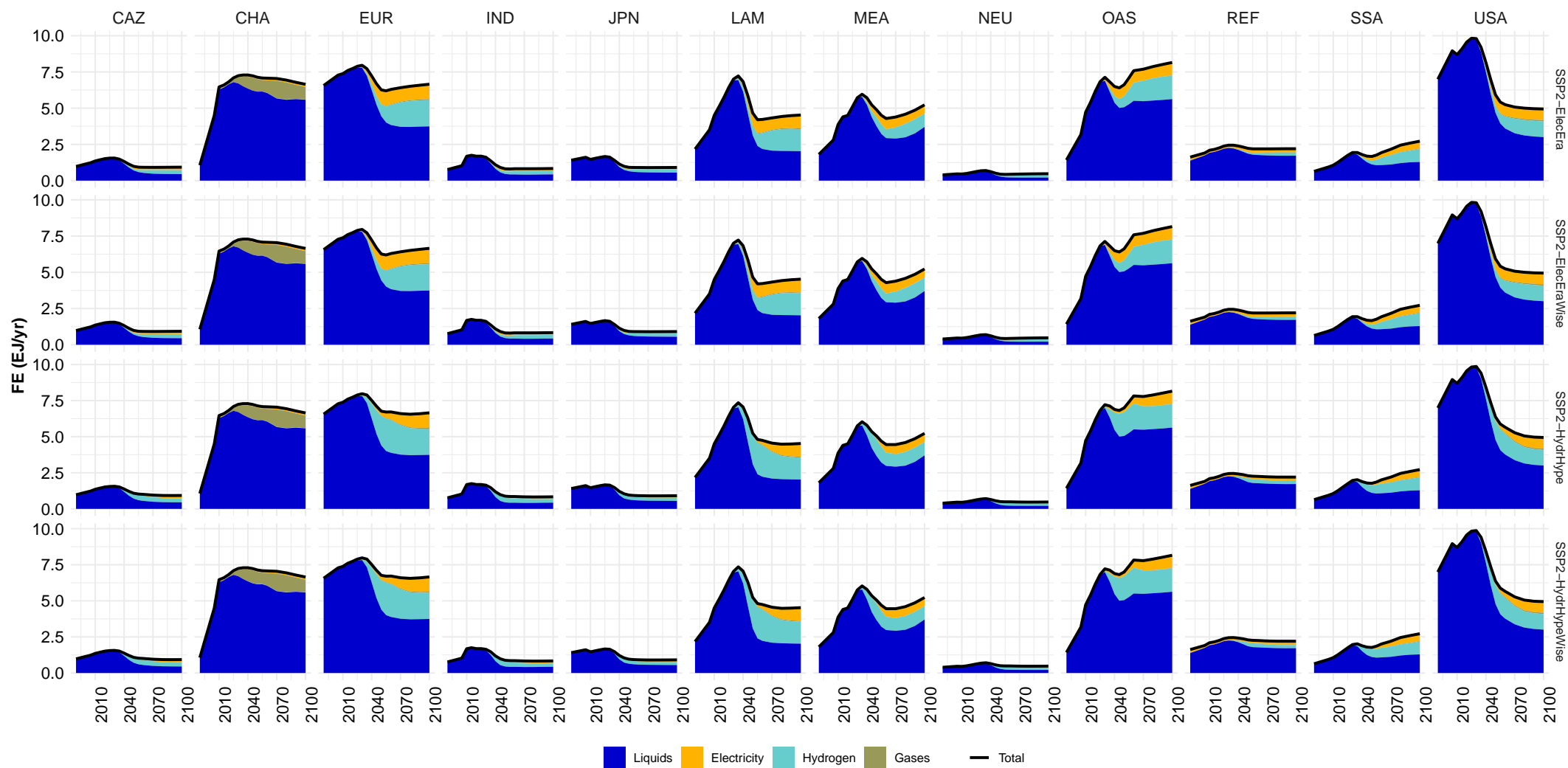
1.1.4 Passenger non-LDV



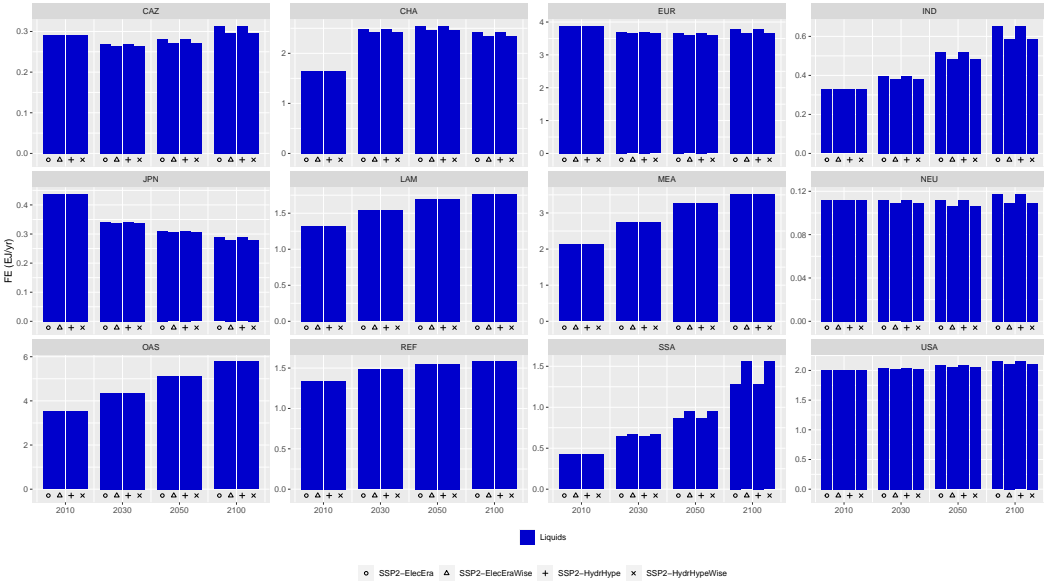
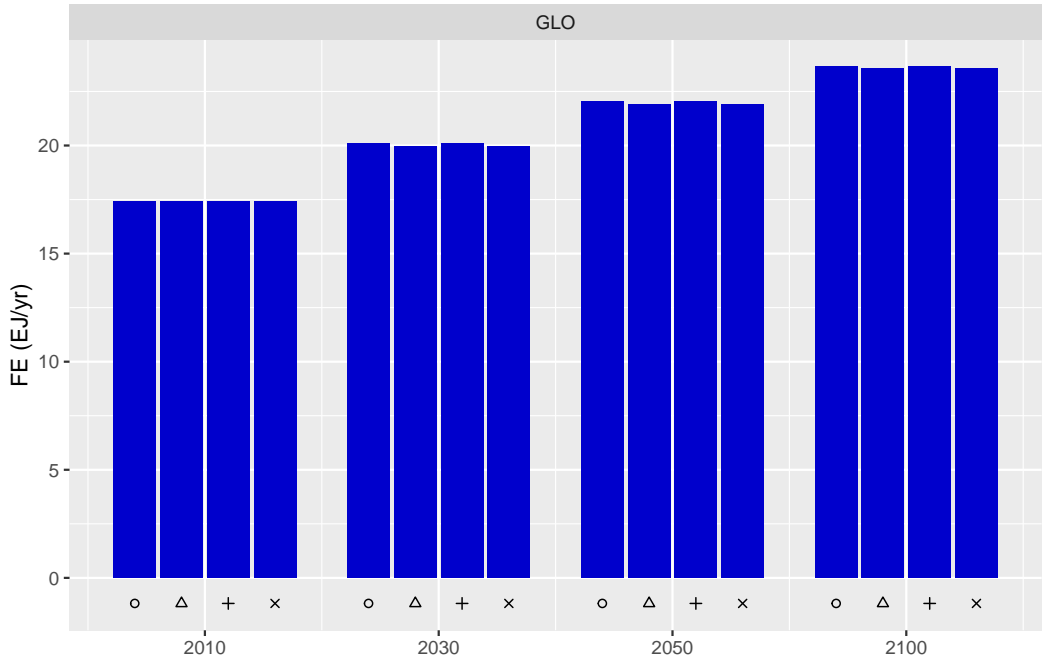
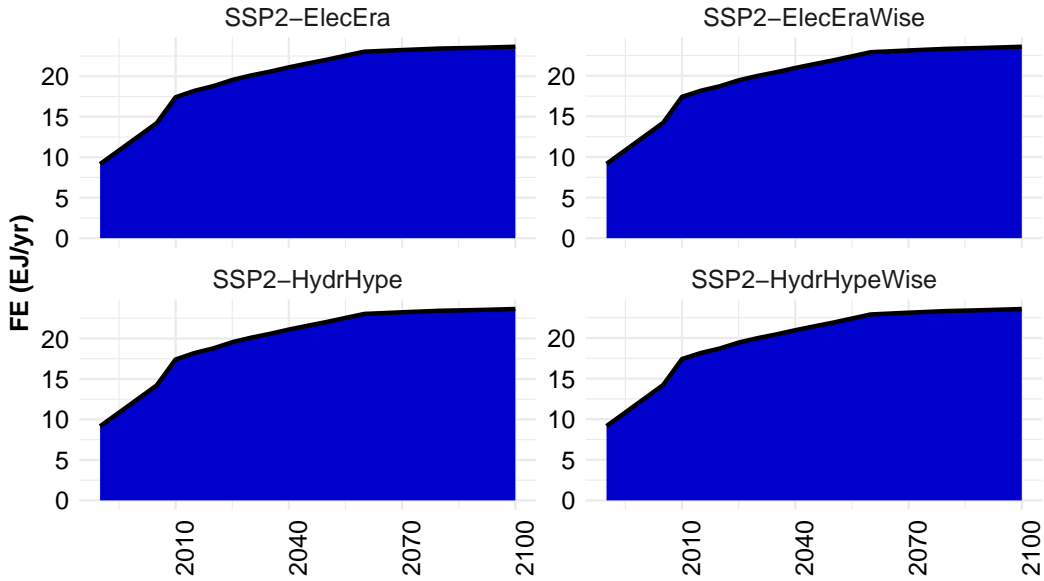


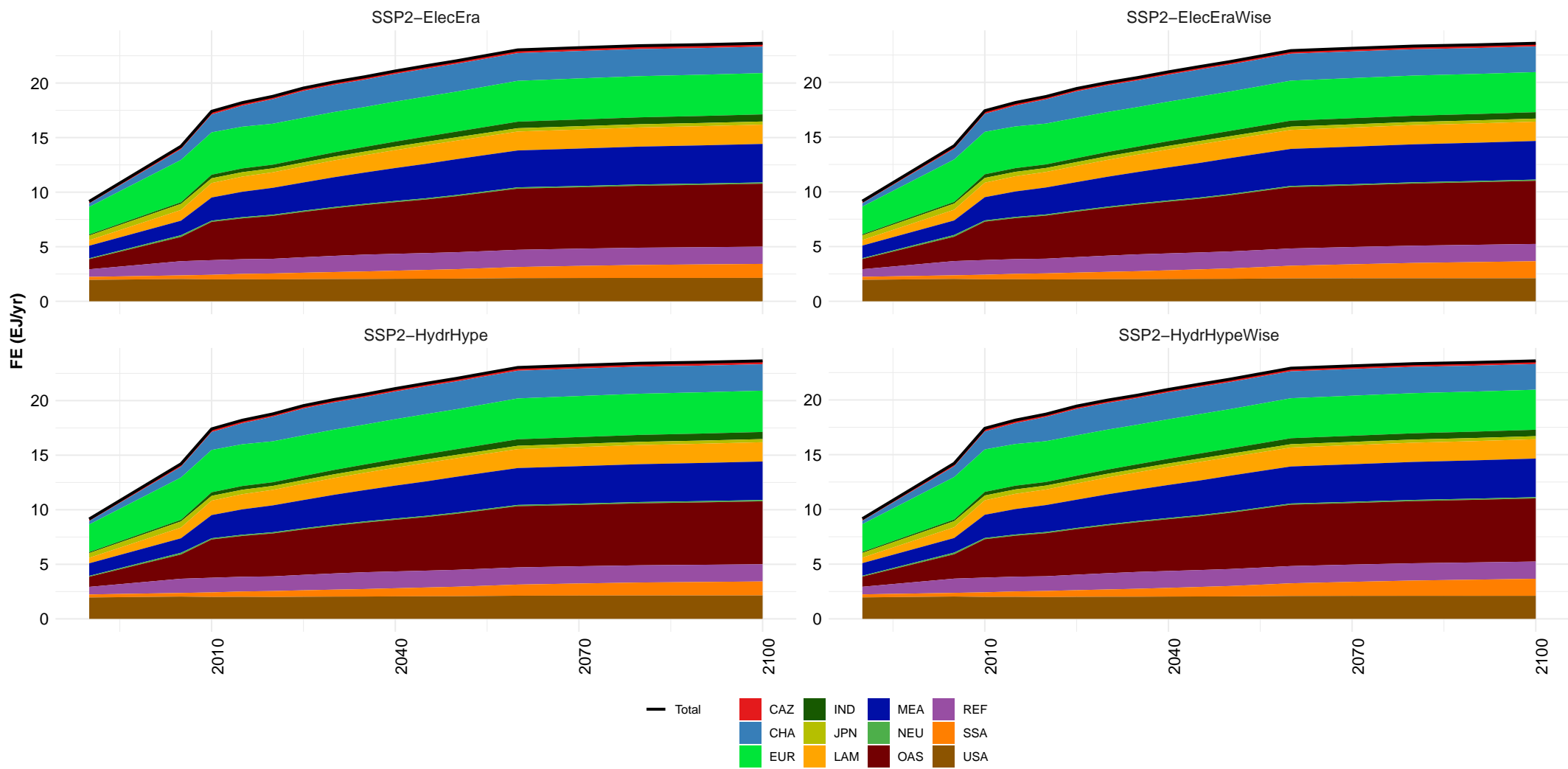
1.1.5 Freight

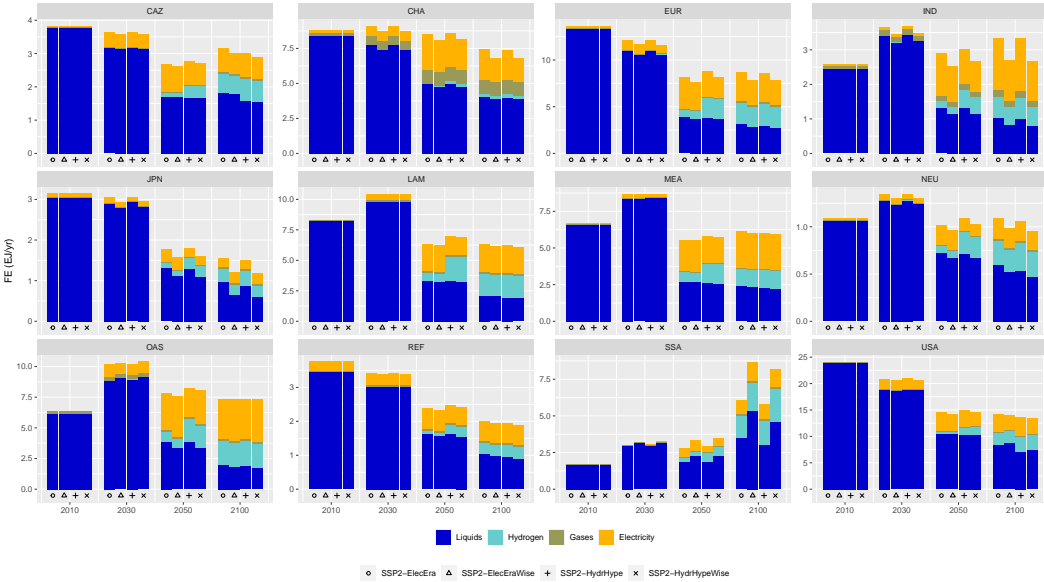
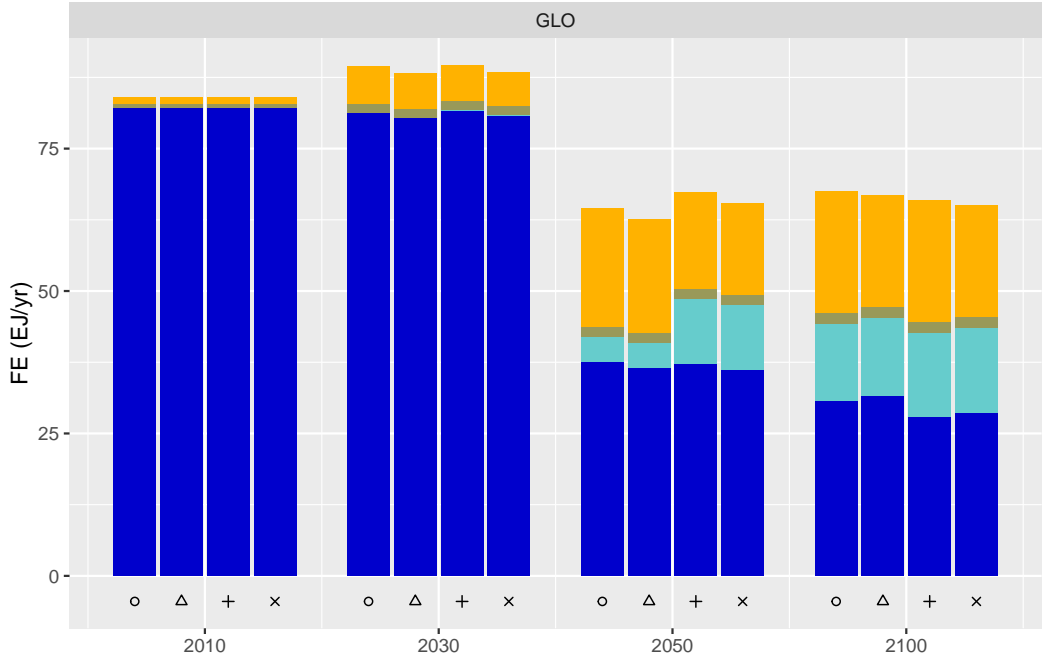
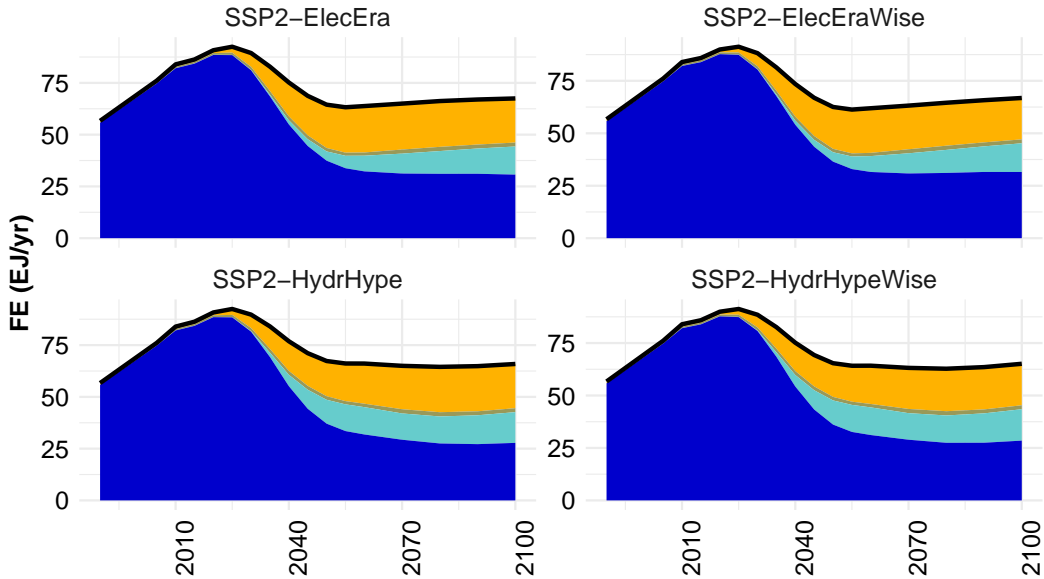


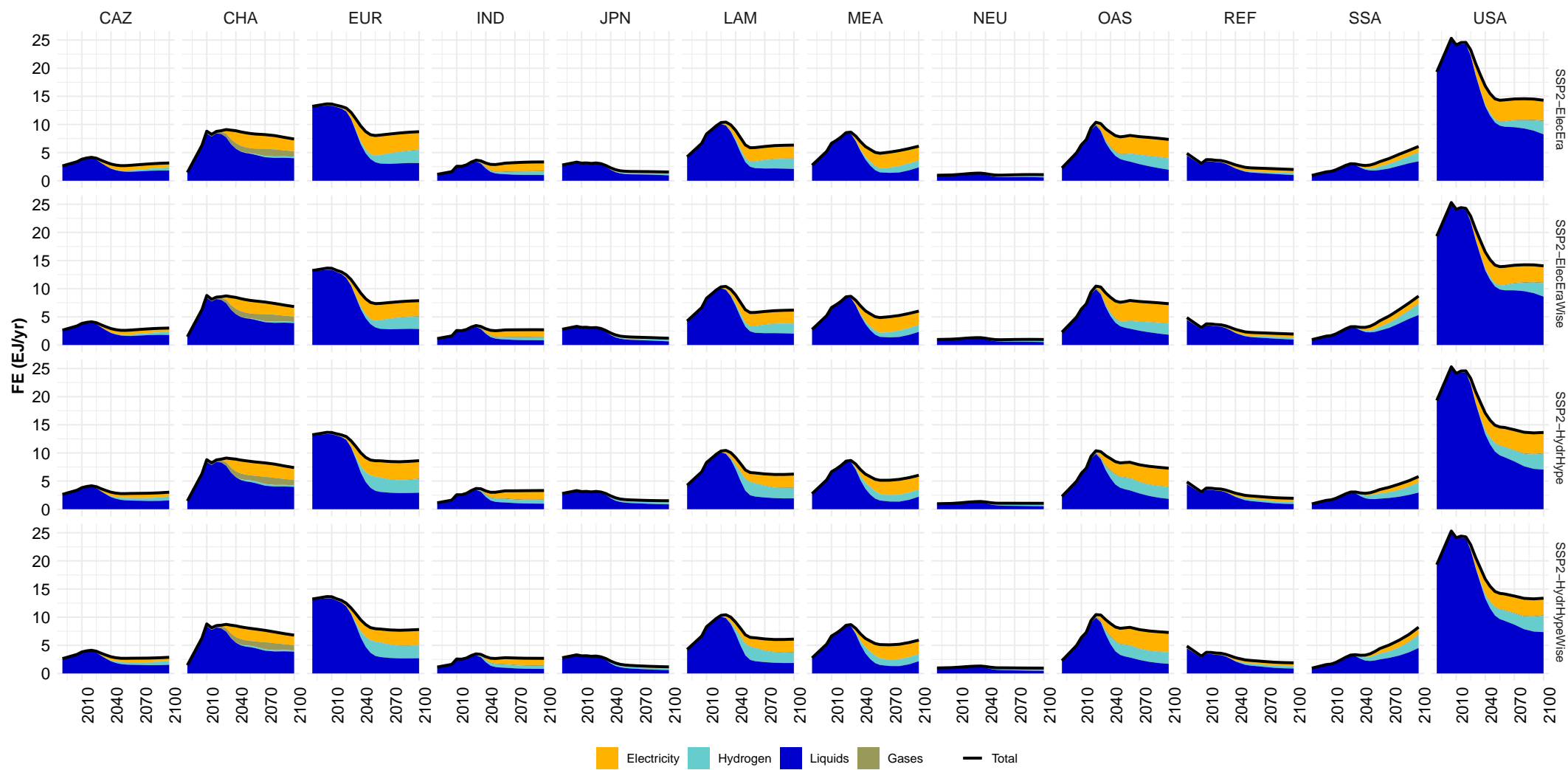


1.1.6 Bunkers

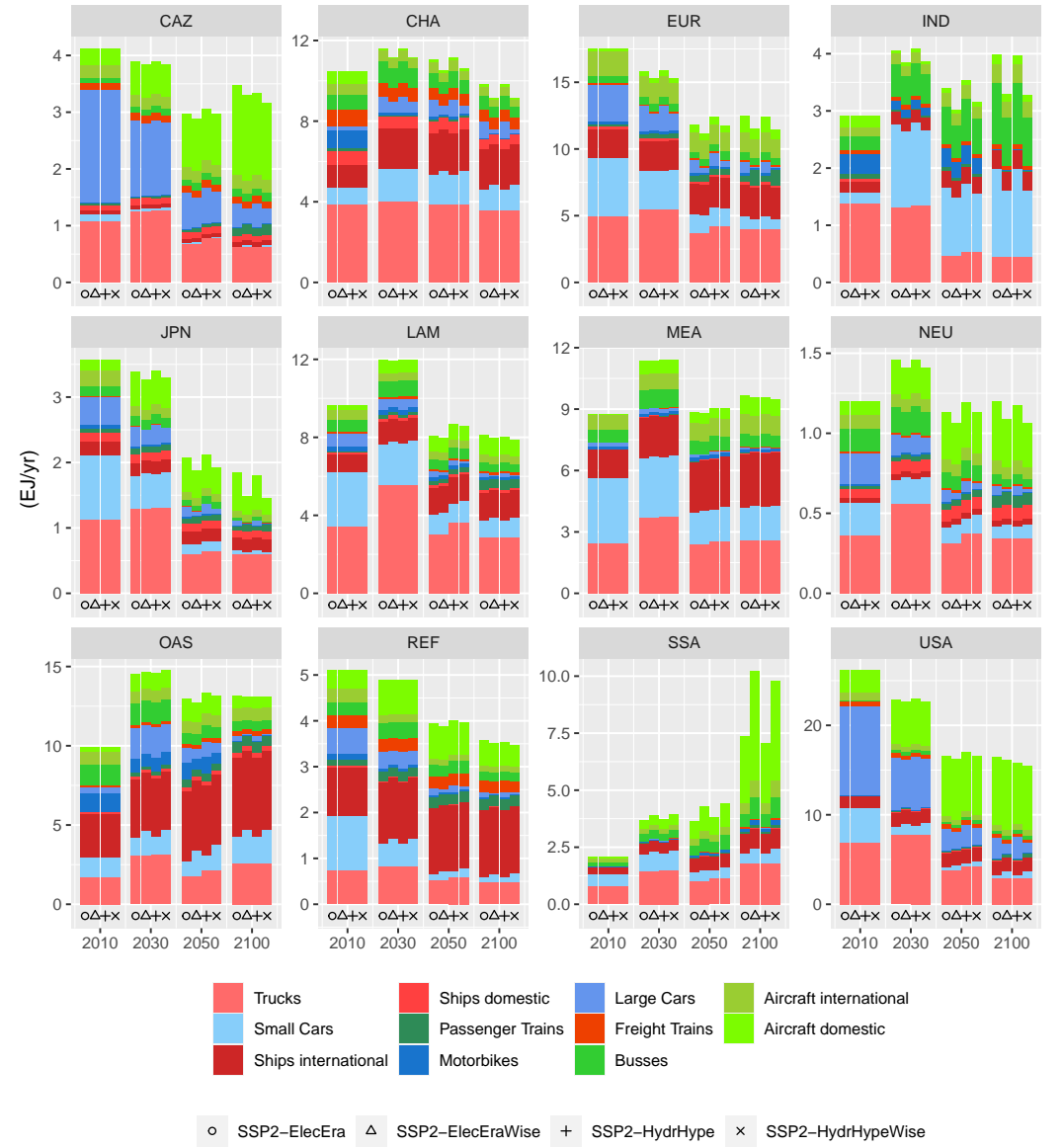
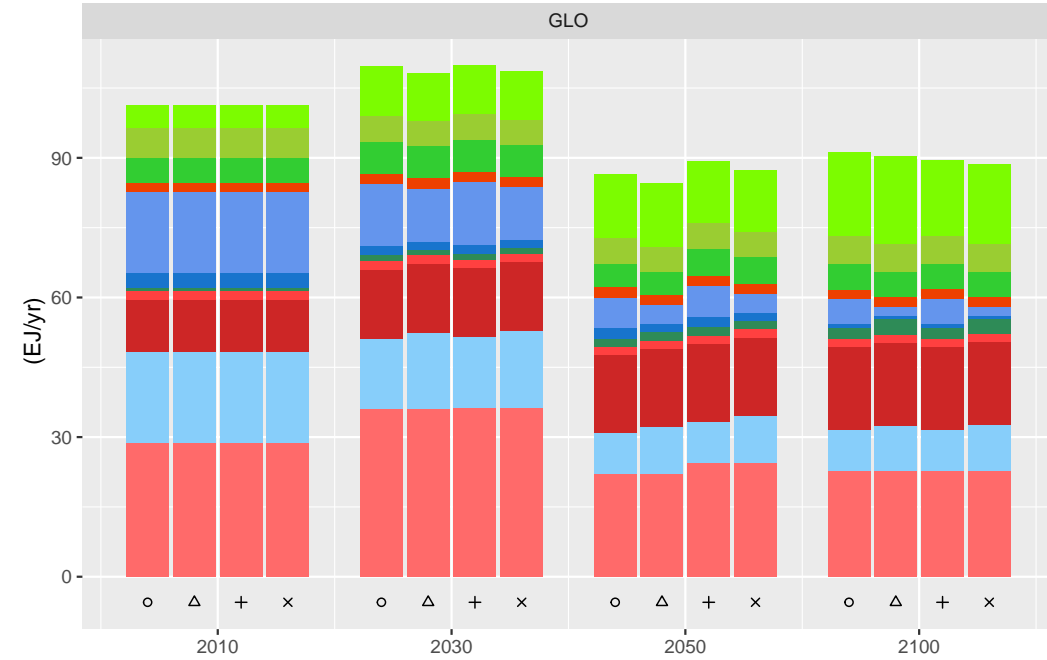
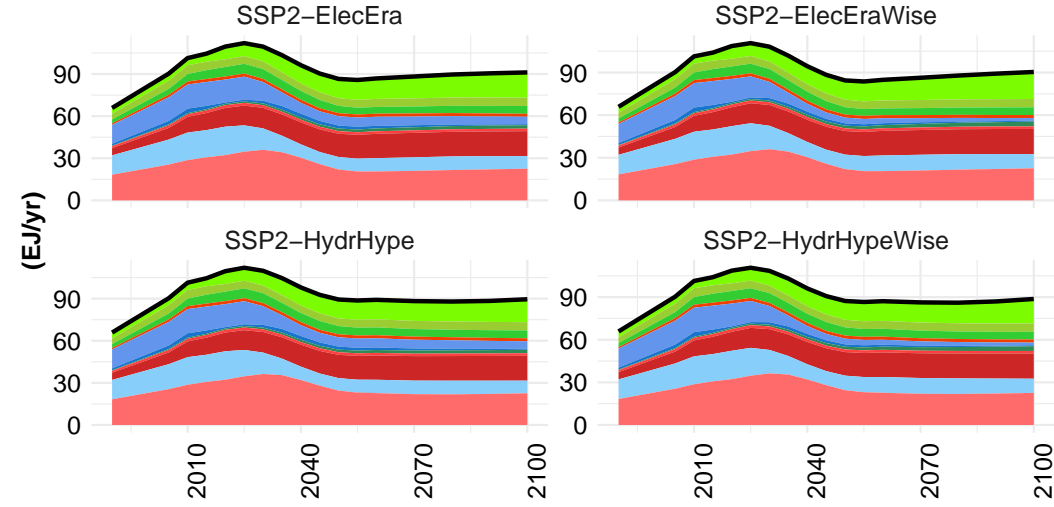


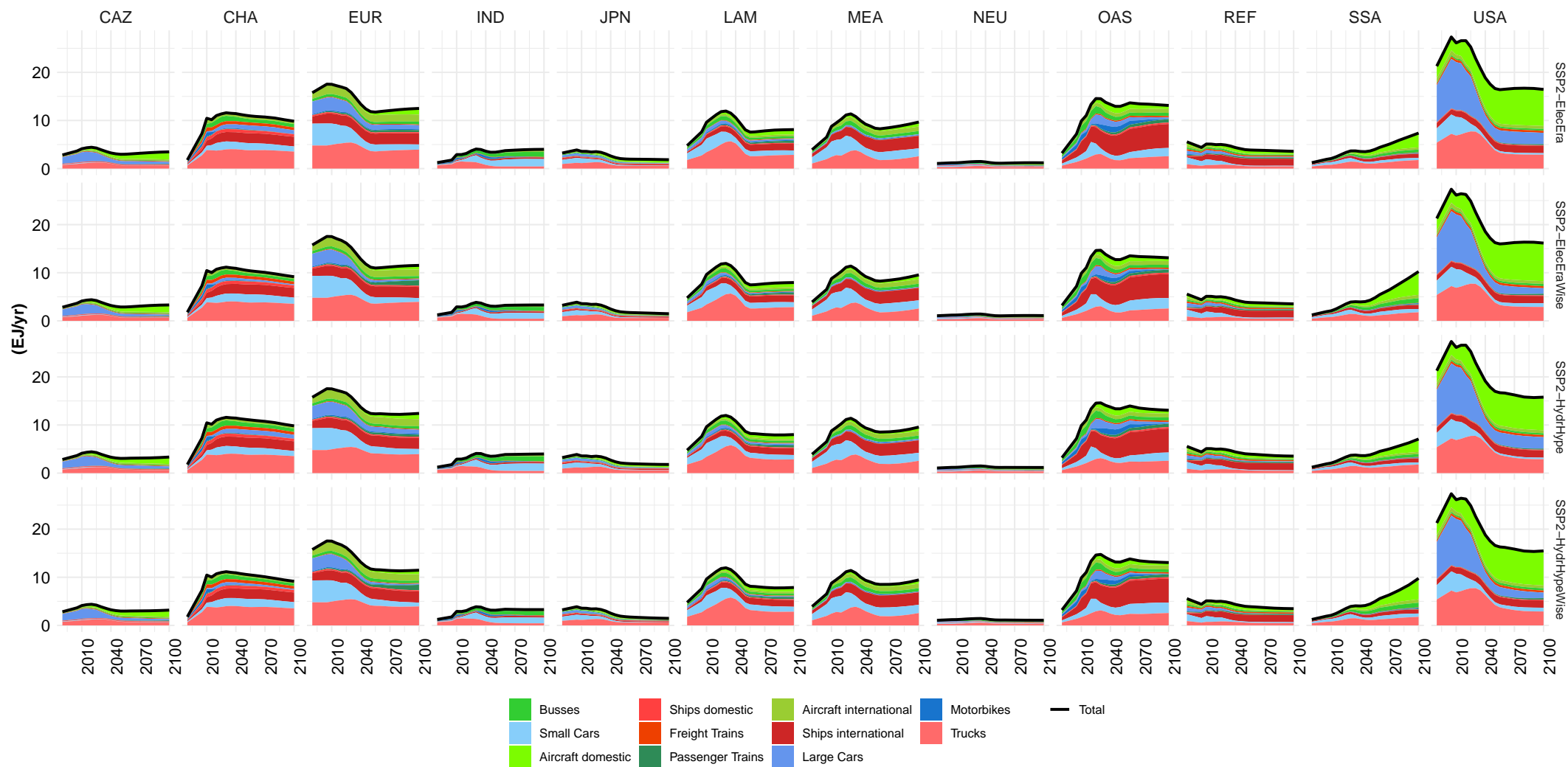




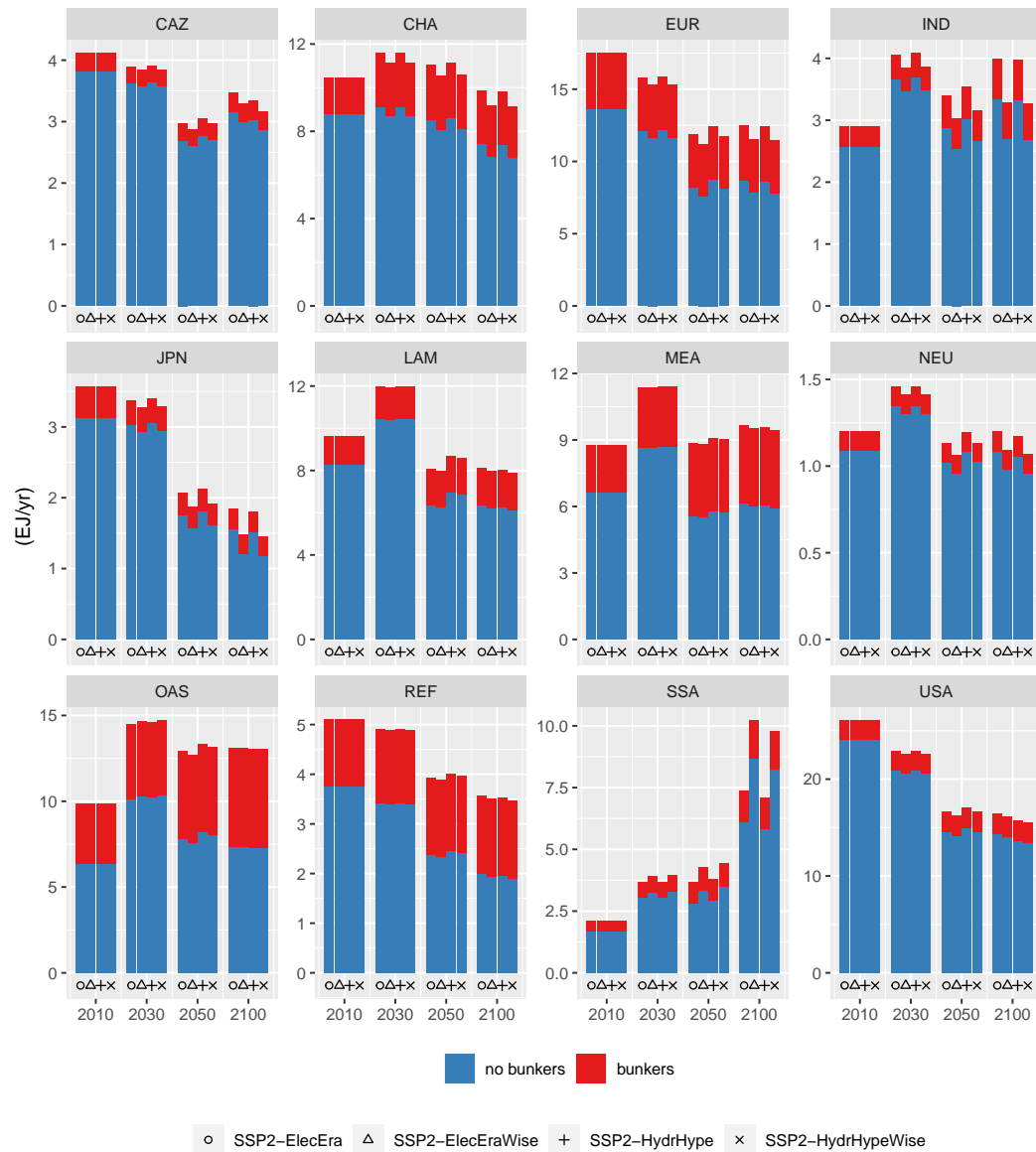
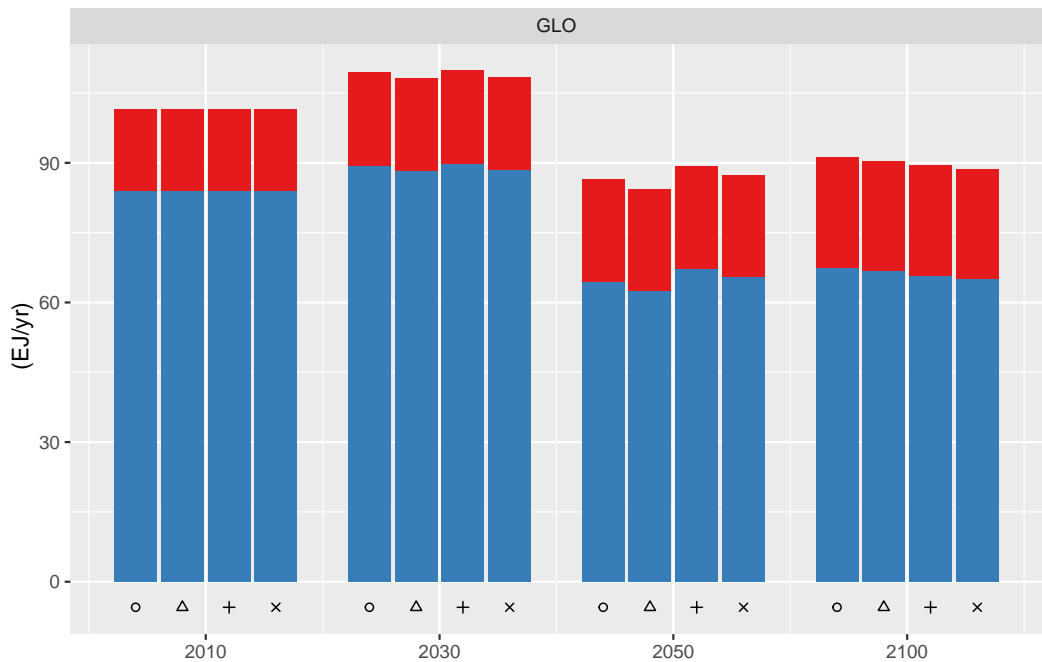
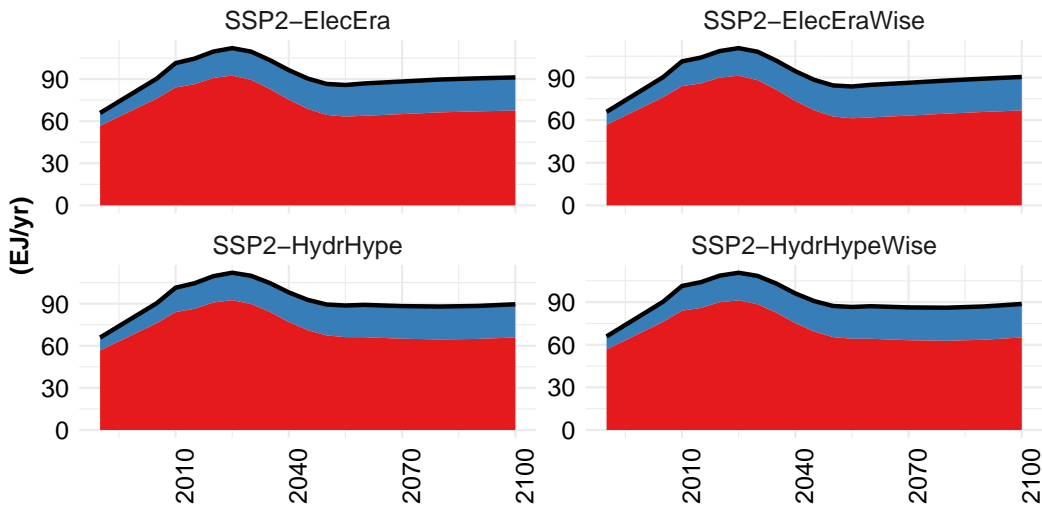


1.2 Final energy by transport modes





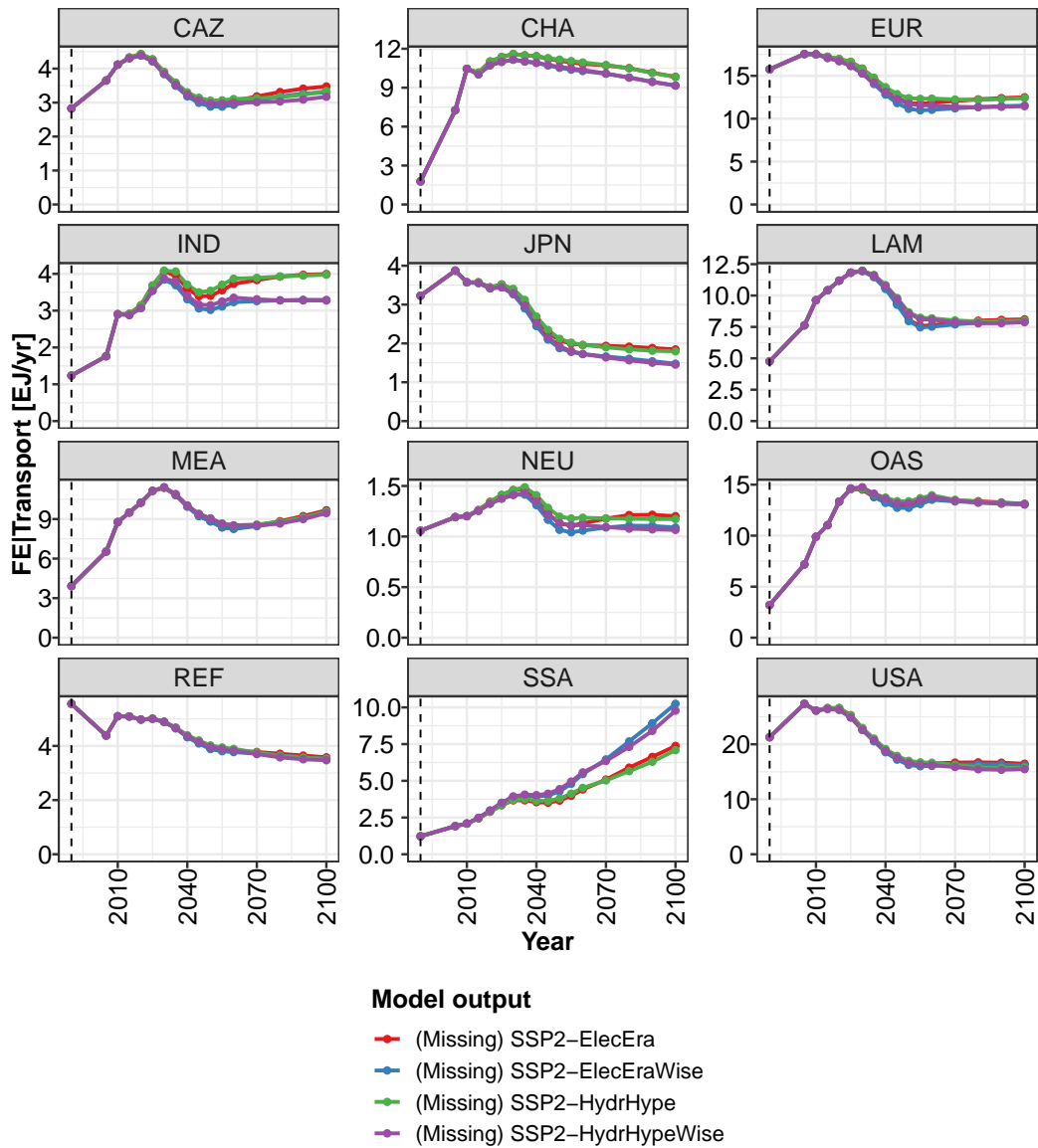
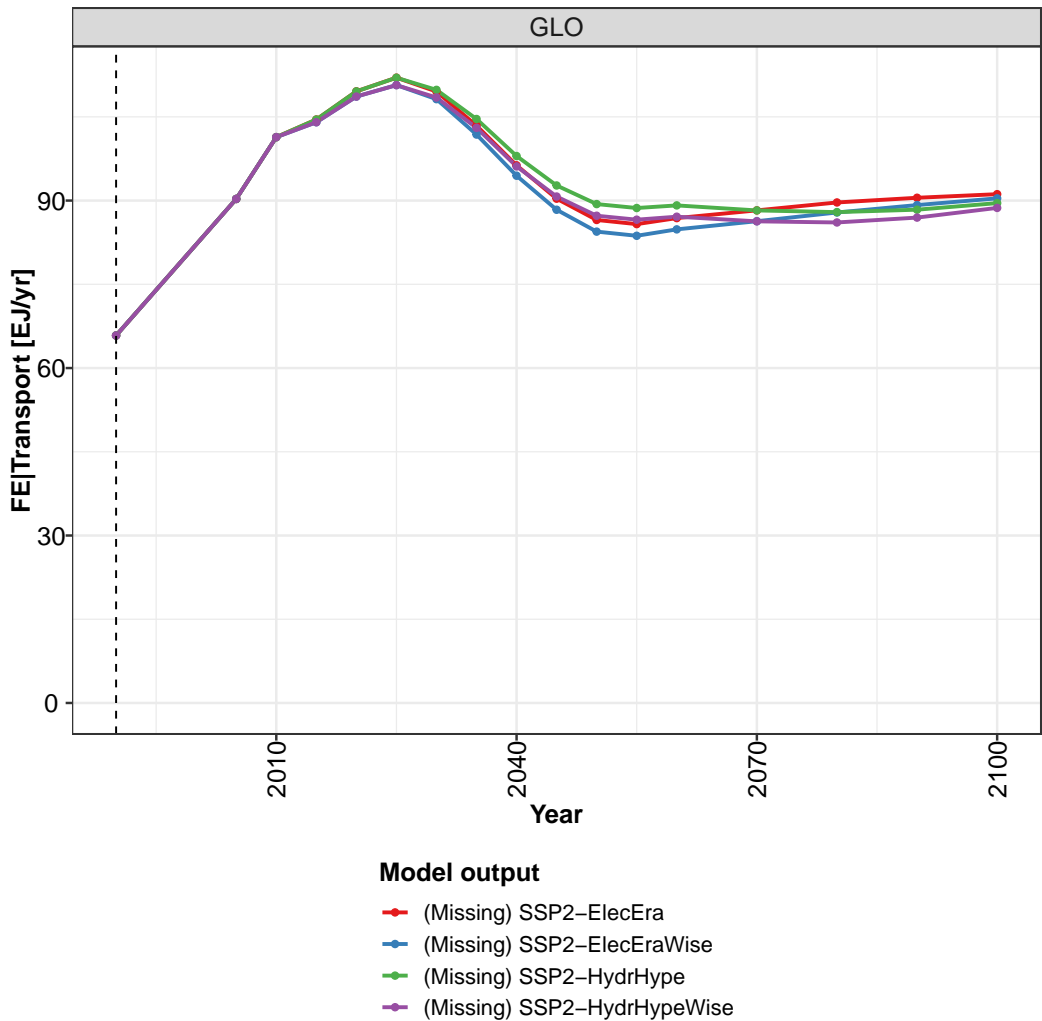
1.3 Final energy bunkers vs. no bunkers

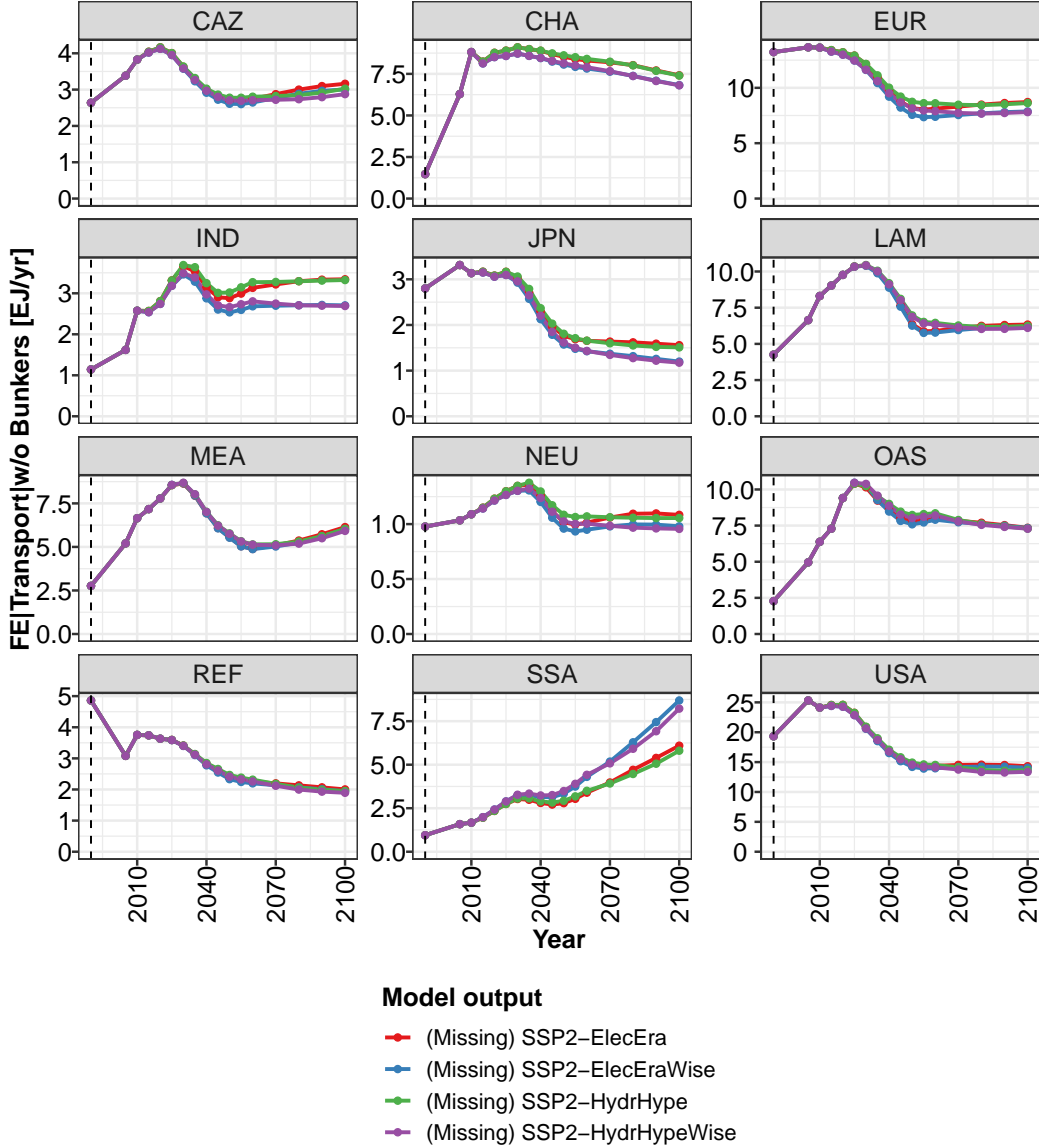
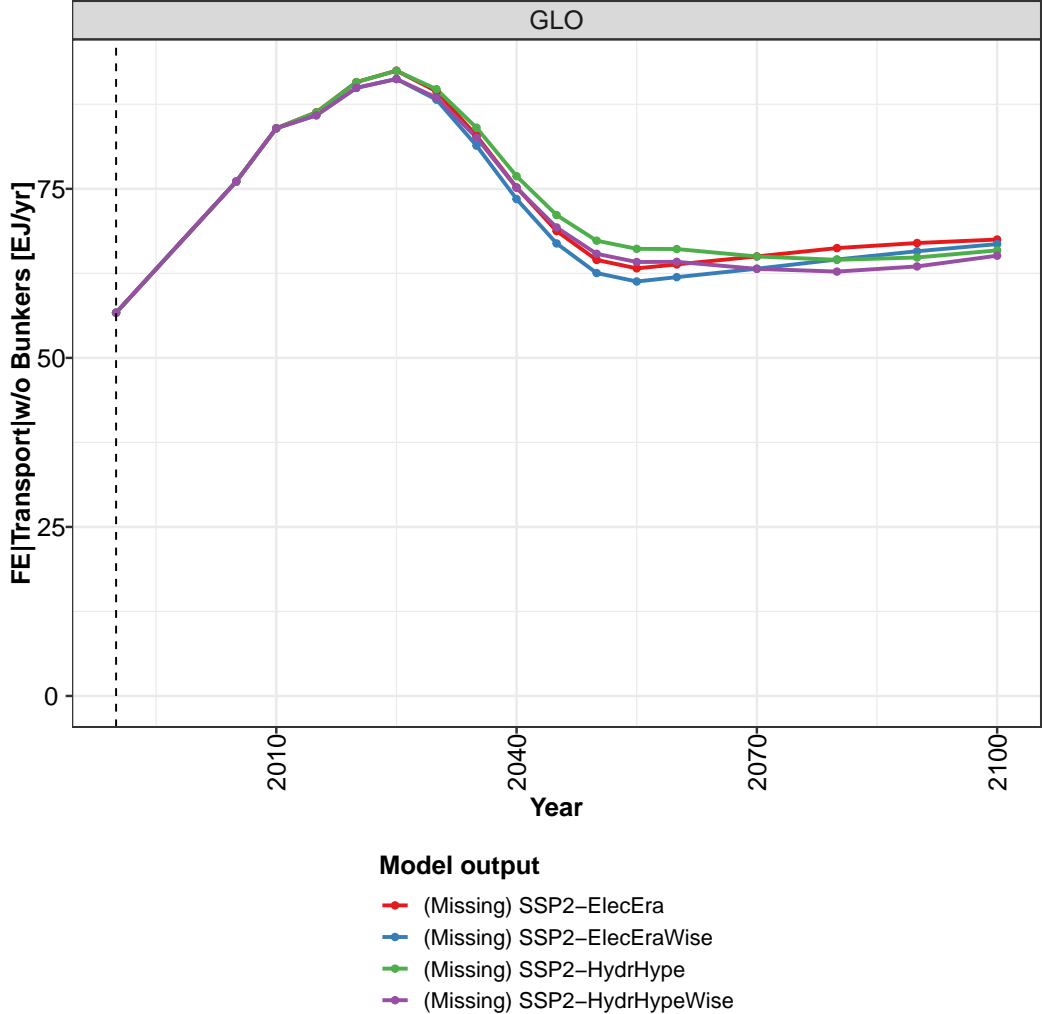




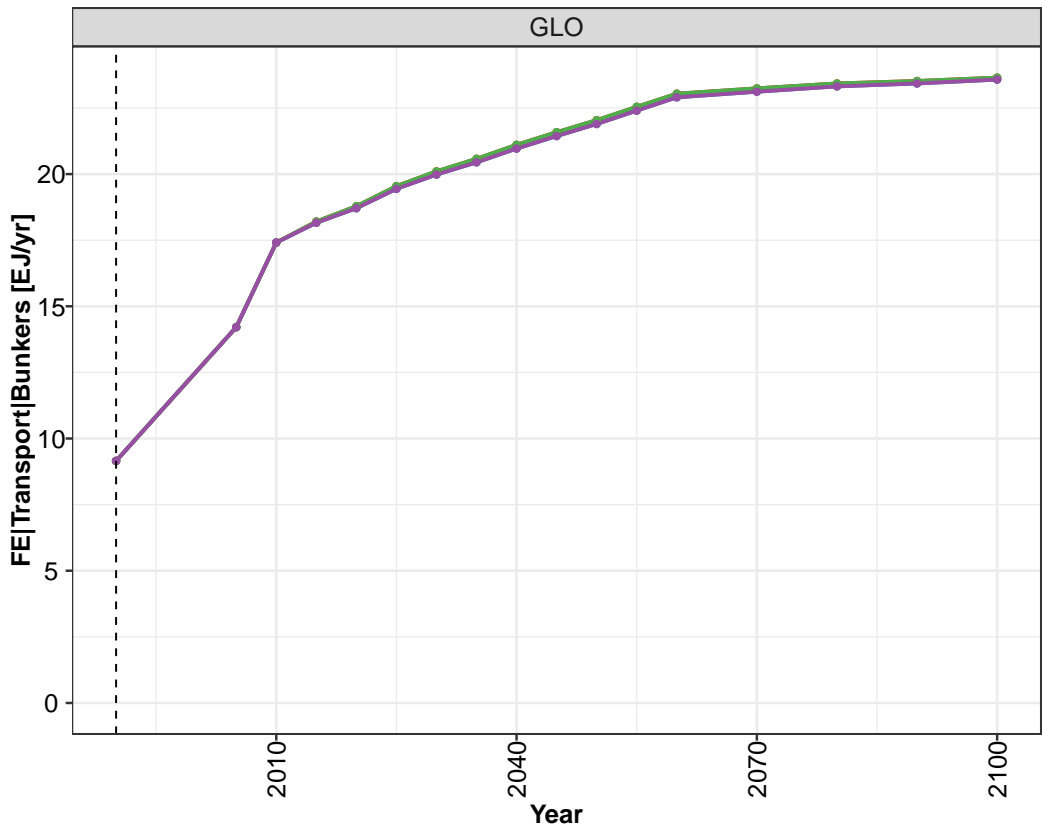
1.4 Final Energy line plots

1.4.1 Total



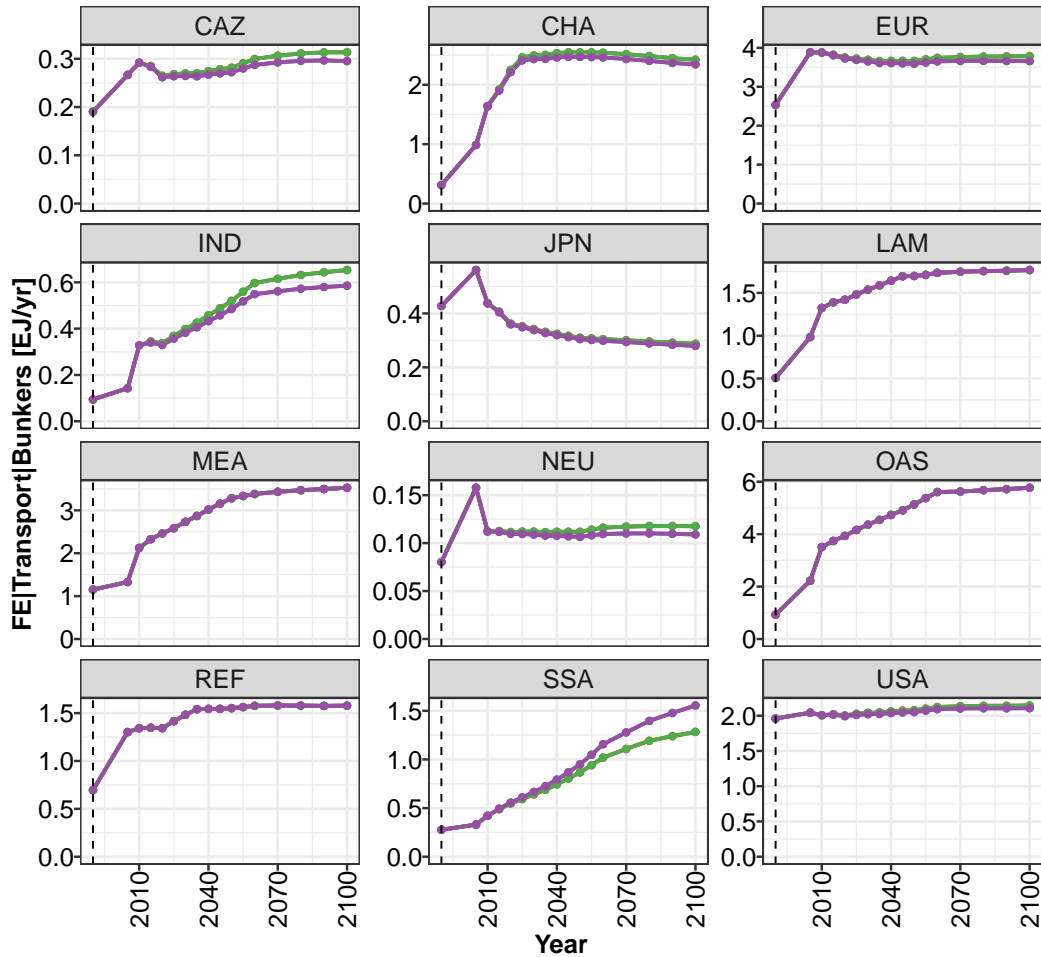


1.4.3 Bunkers



Model output

- (Missing) SSP2-ElecEra
- (Missing) SSP2-ElecEraWise
- (Missing) SSP2-HydrHype
- (Missing) SSP2-HydrHypeWise

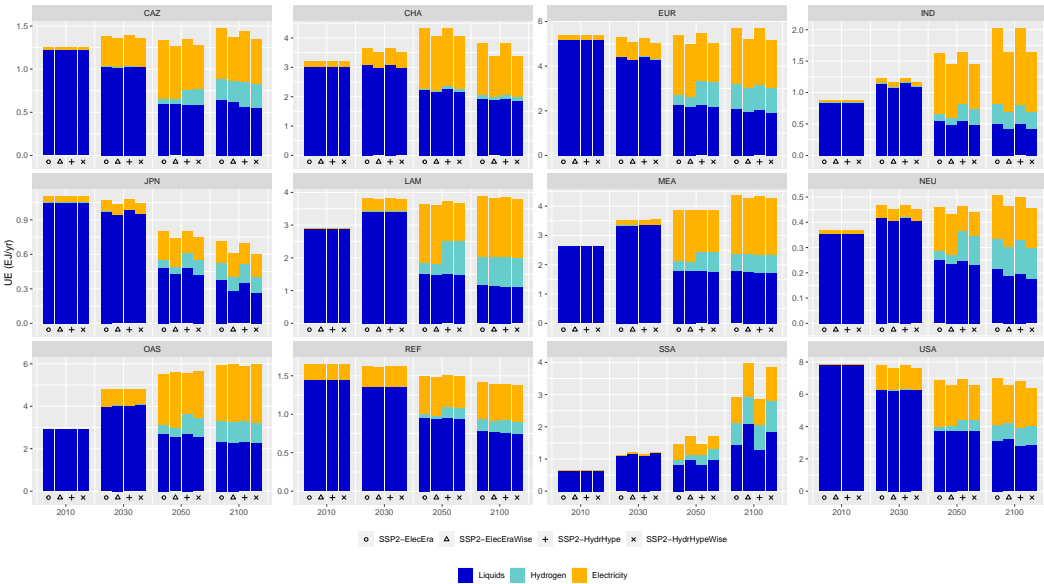
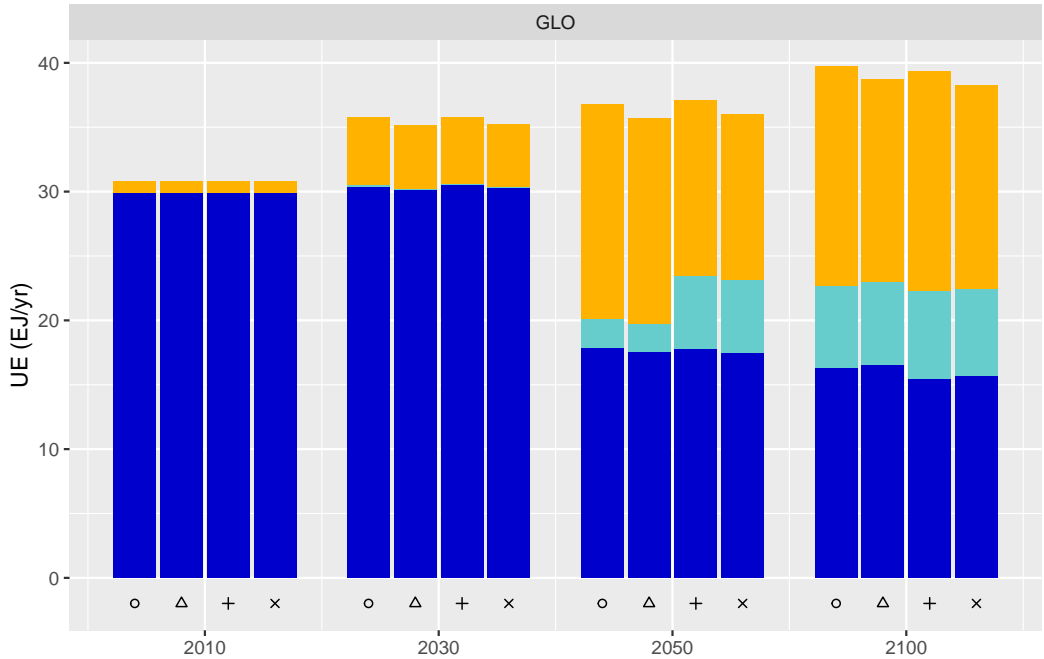
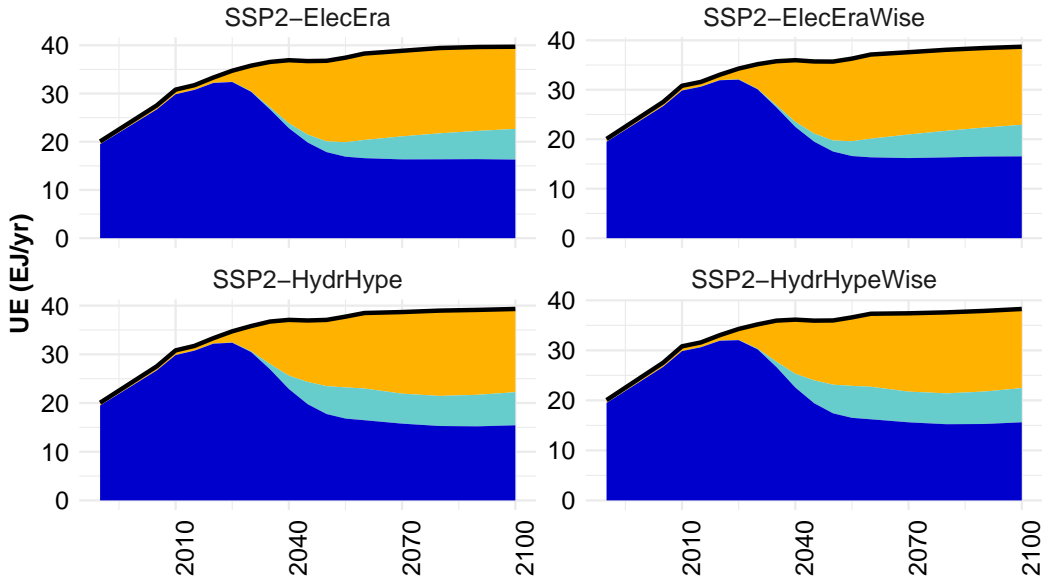


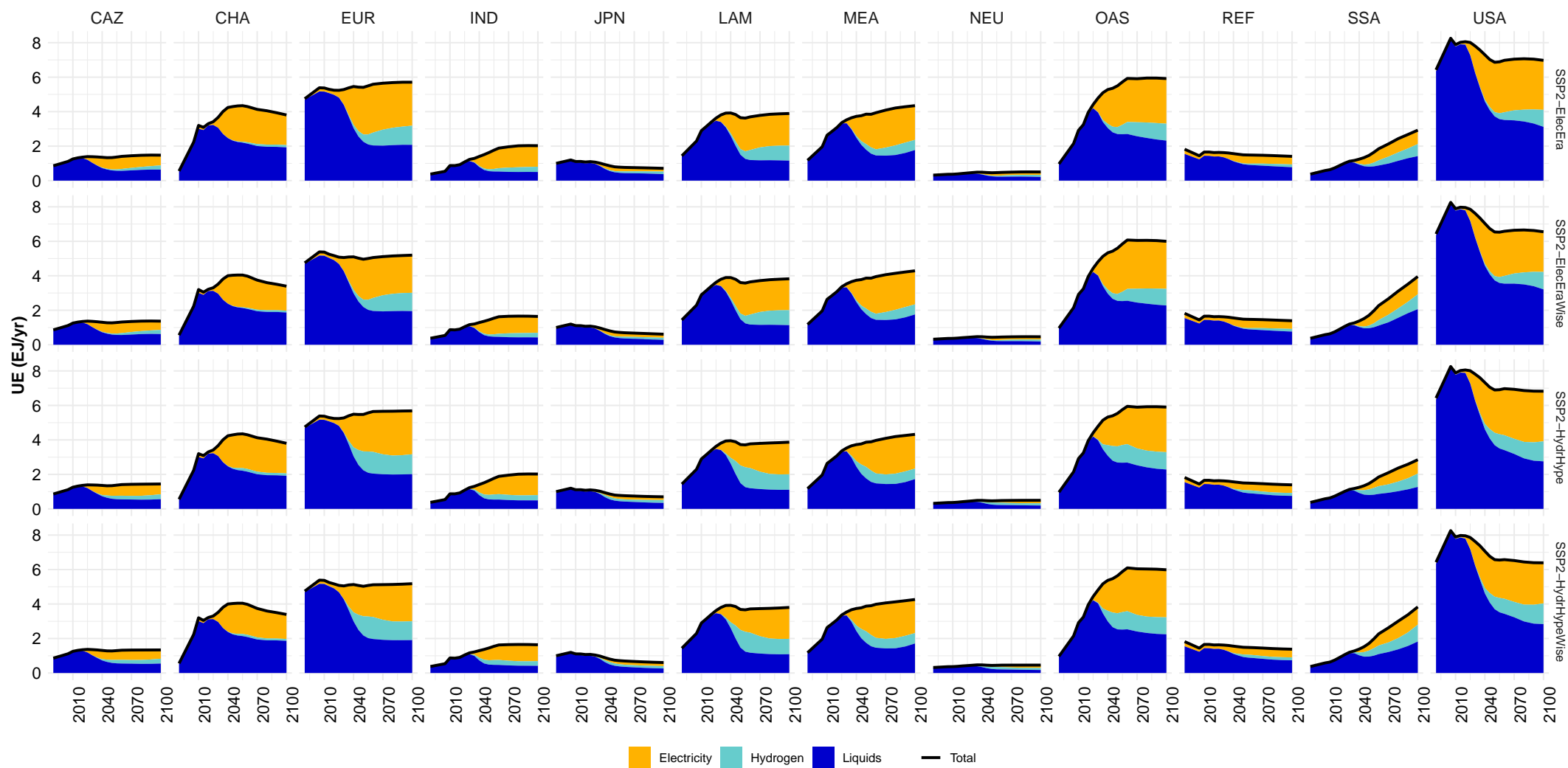
Model output

- (Missing) SSP2-ElecEra
- (Missing) SSP2-ElecEraWise
- (Missing) SSP2-HydrHype
- (Missing) SSP2-HydrHypeWise

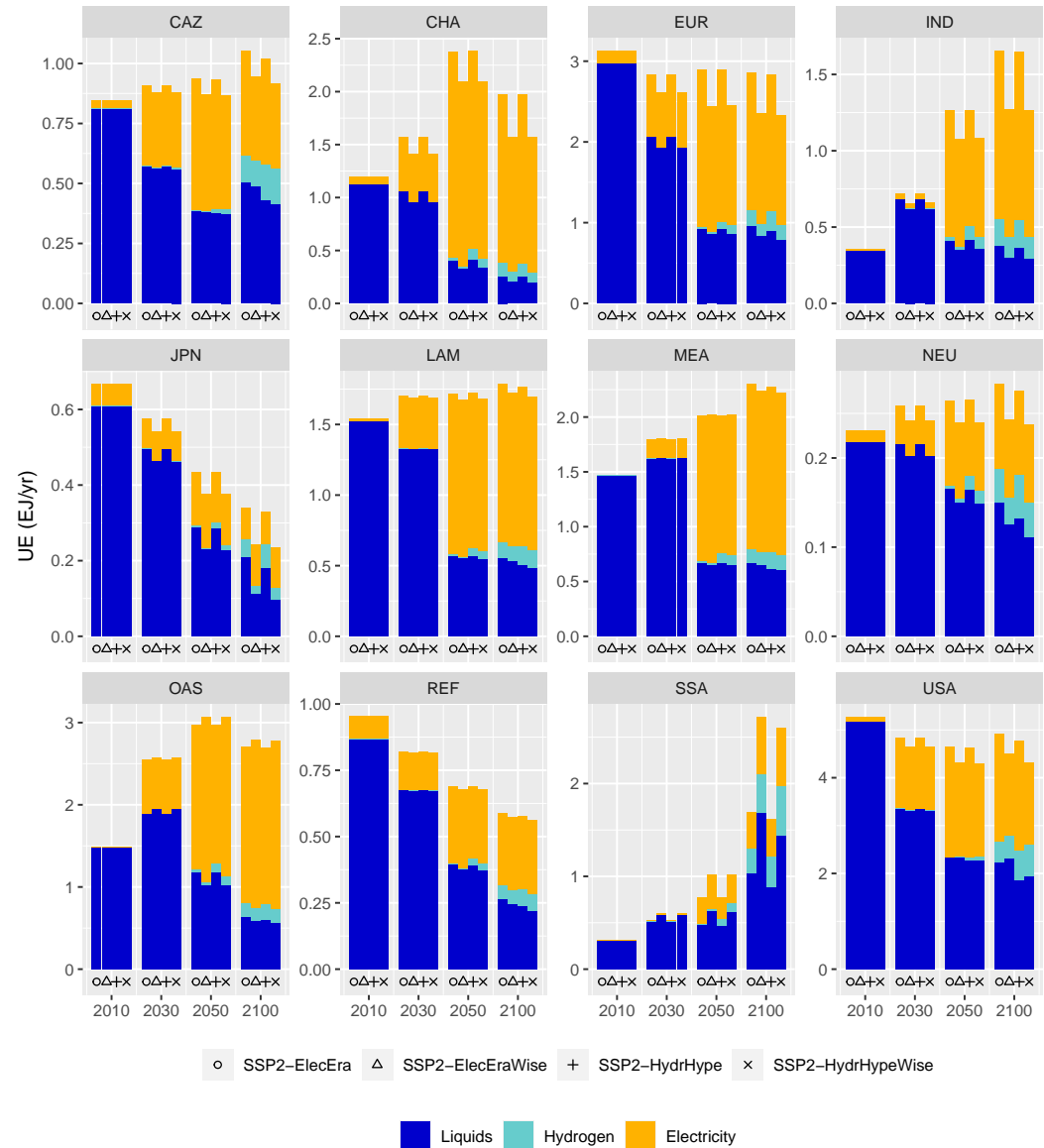
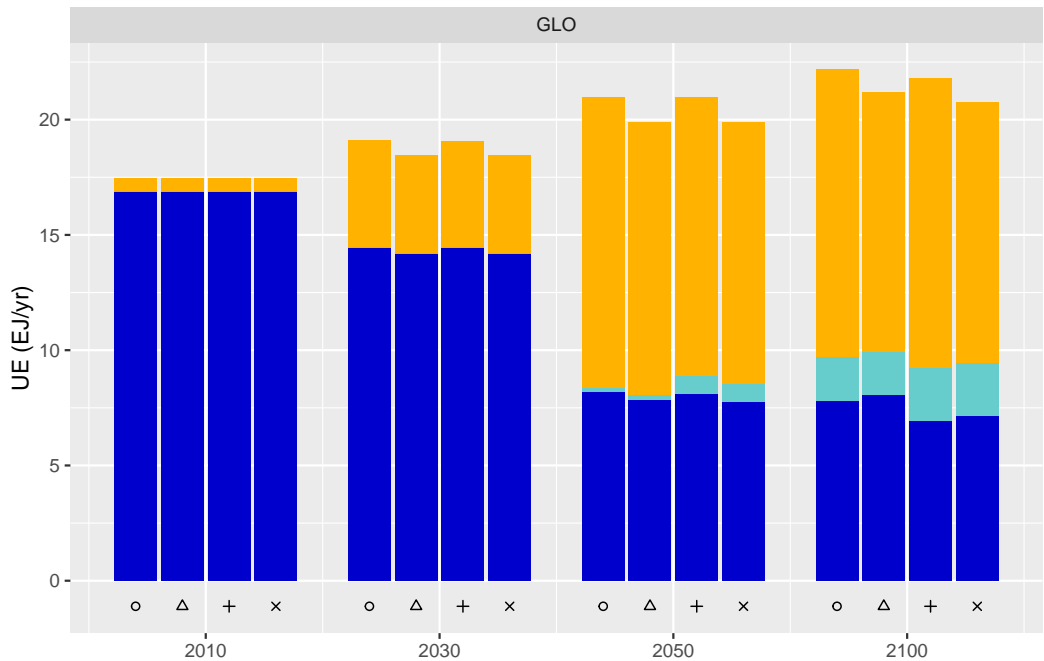
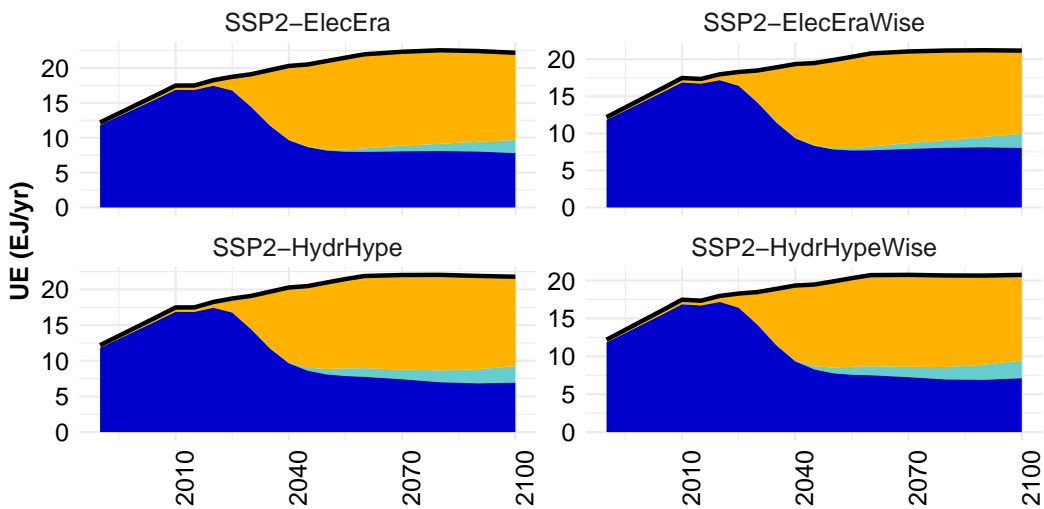
1.5 Useful energy by carrier

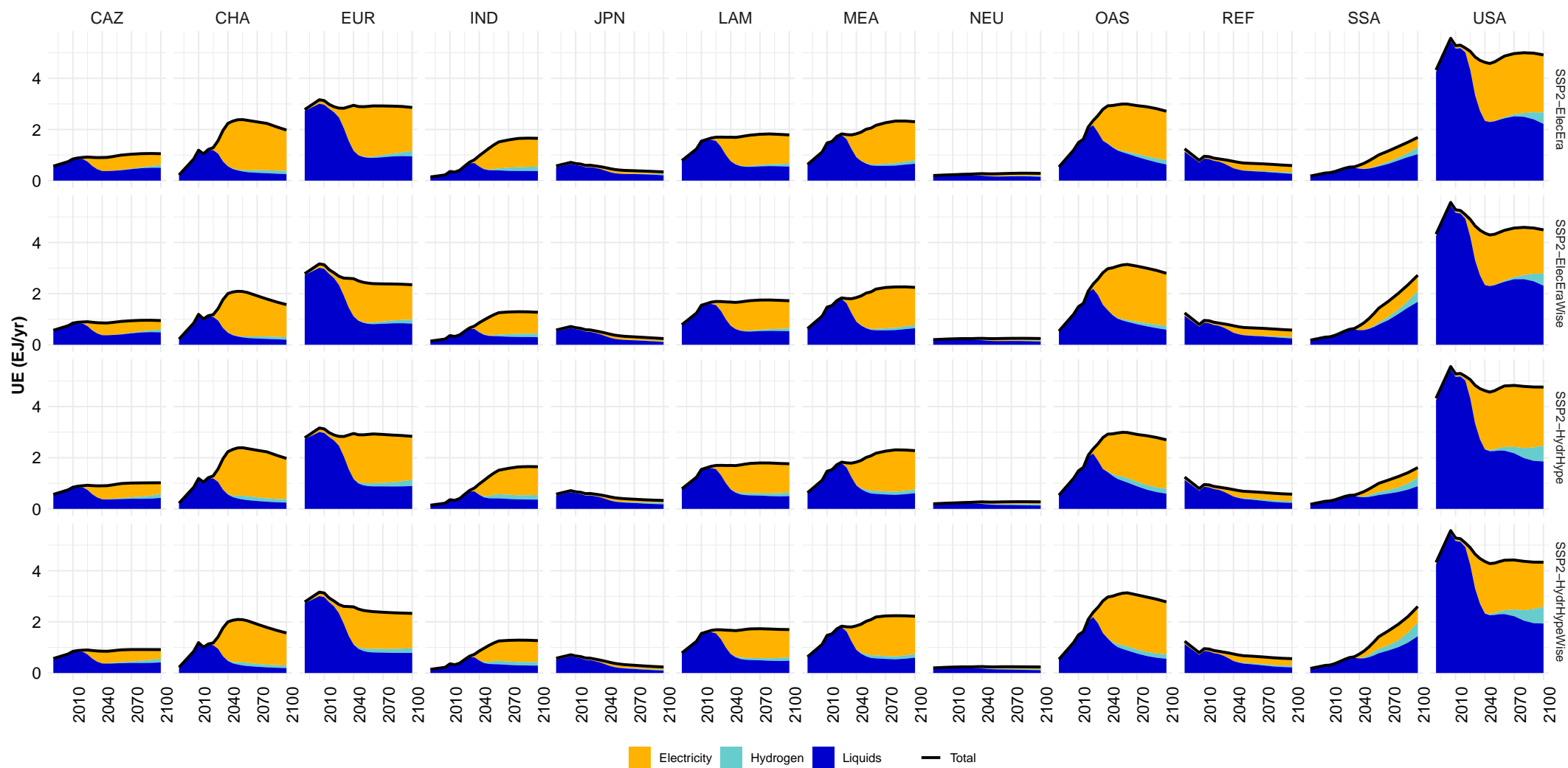
1.5.1 Total



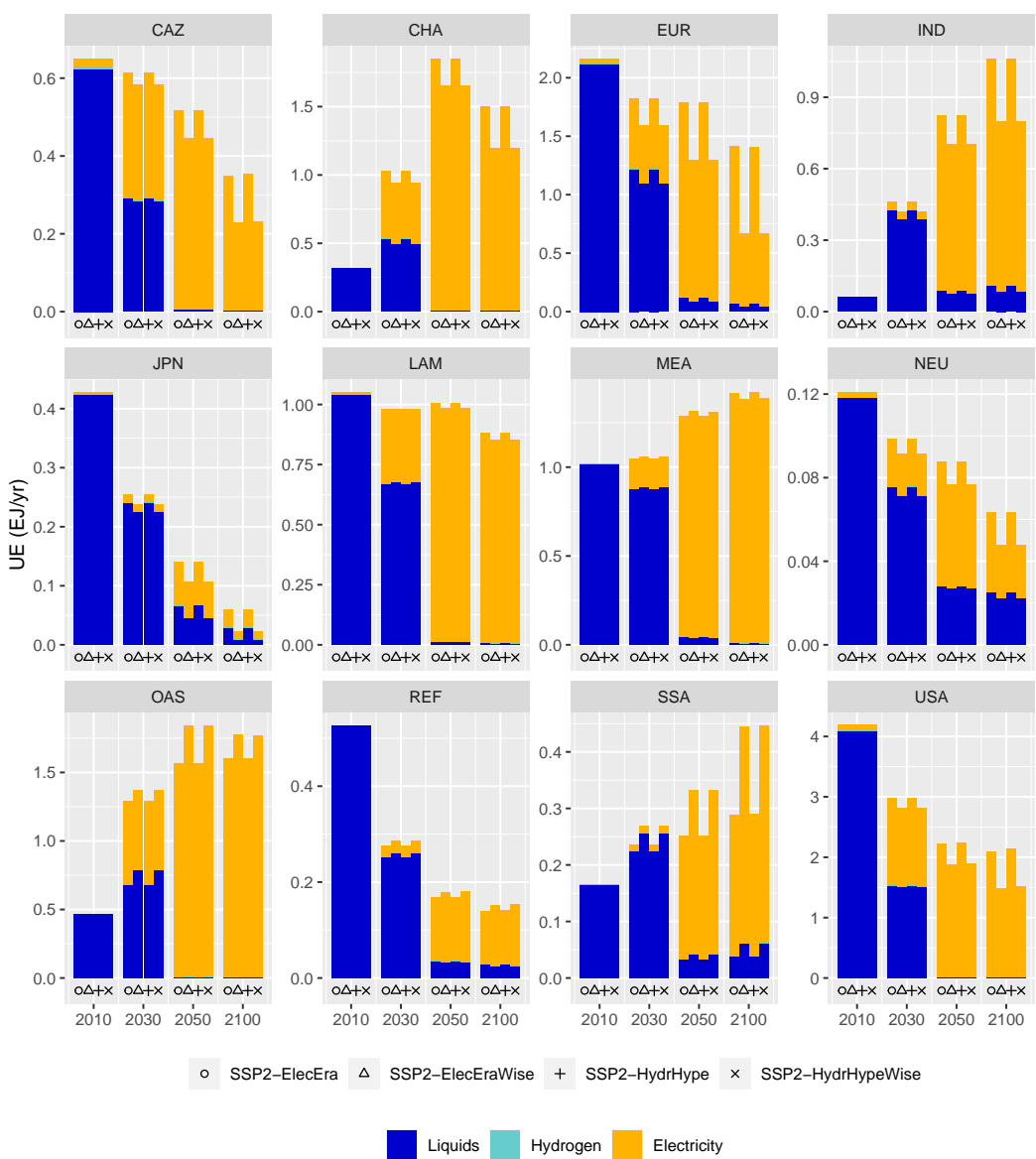
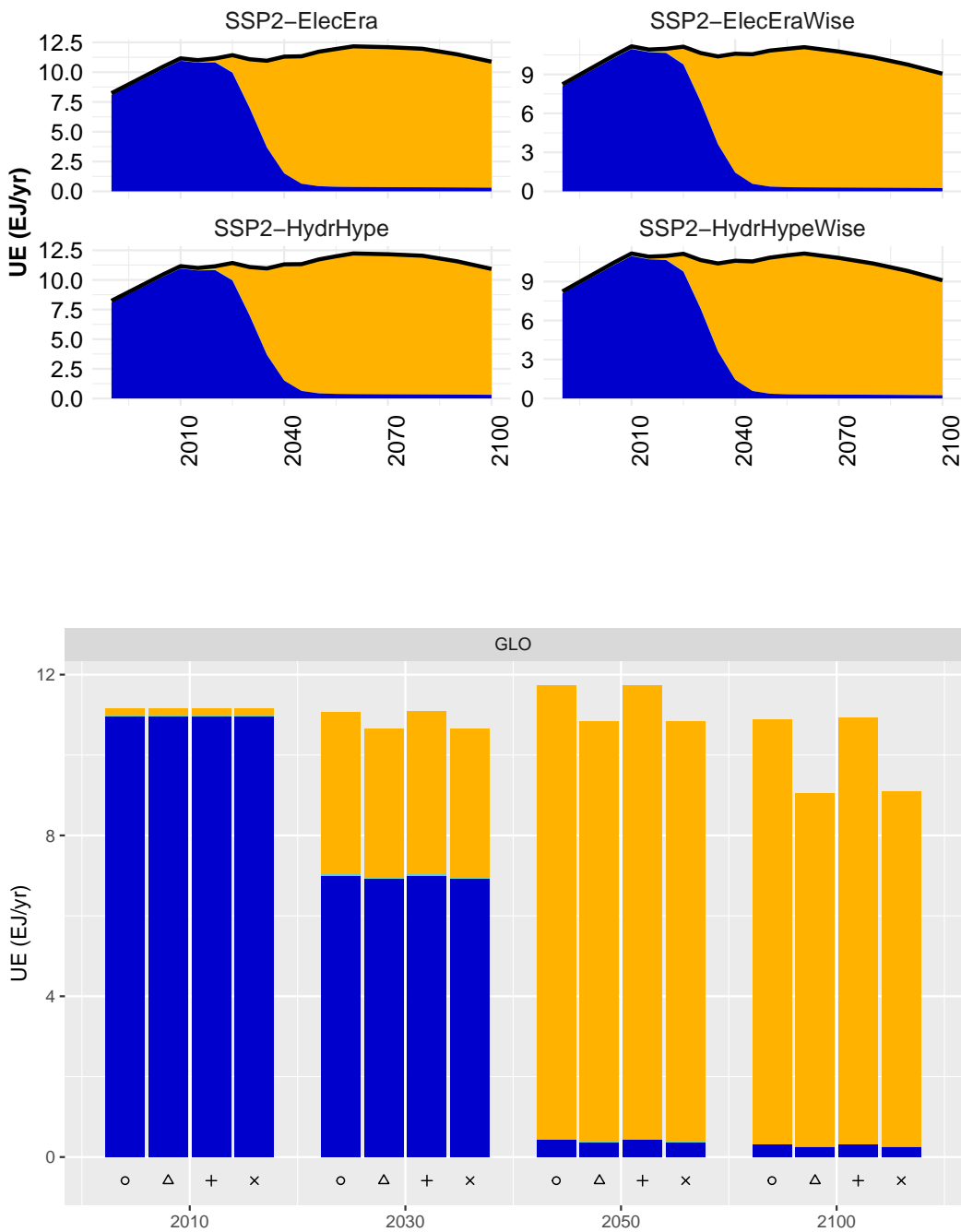


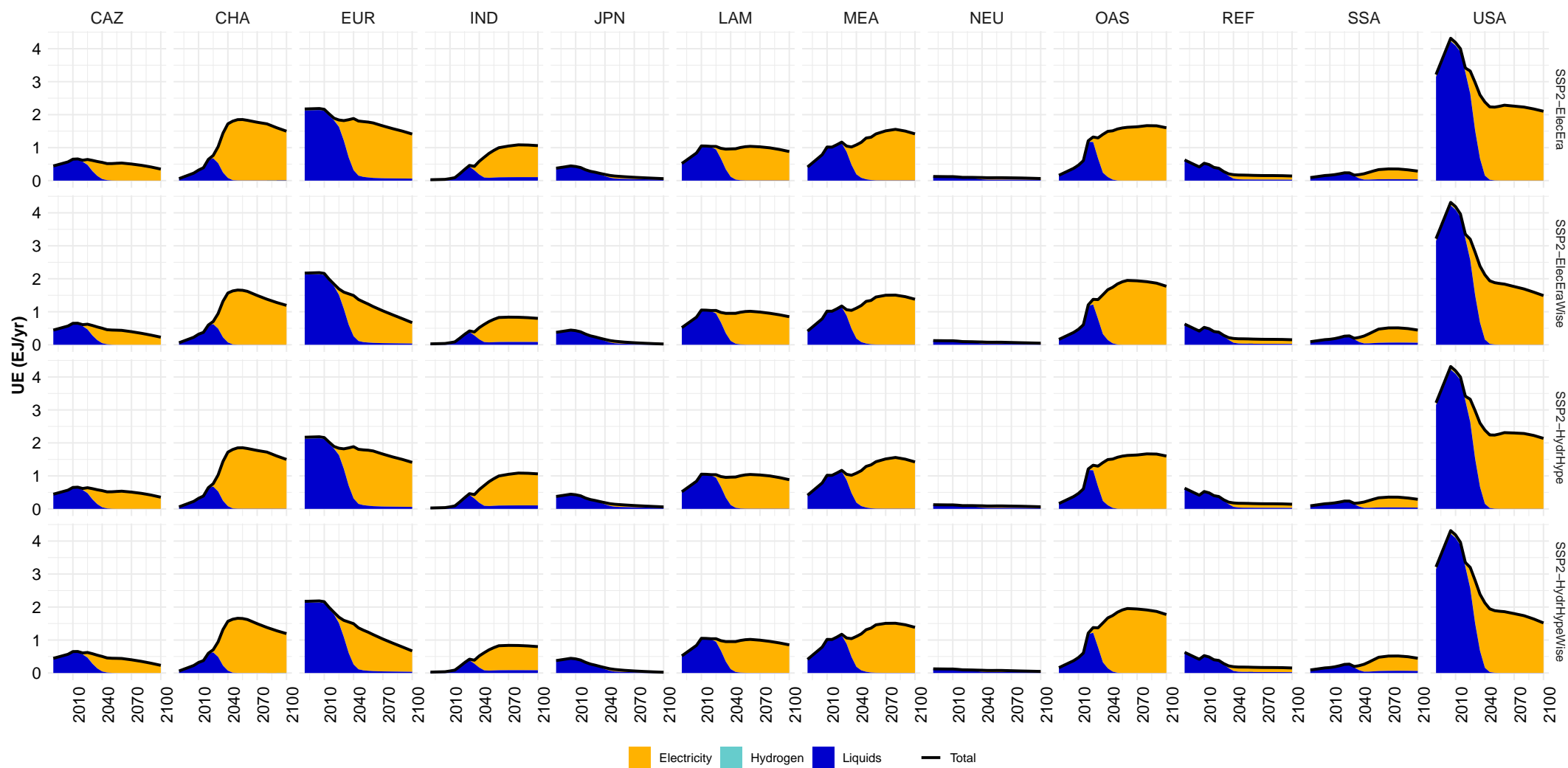
1.5.2 Passenger



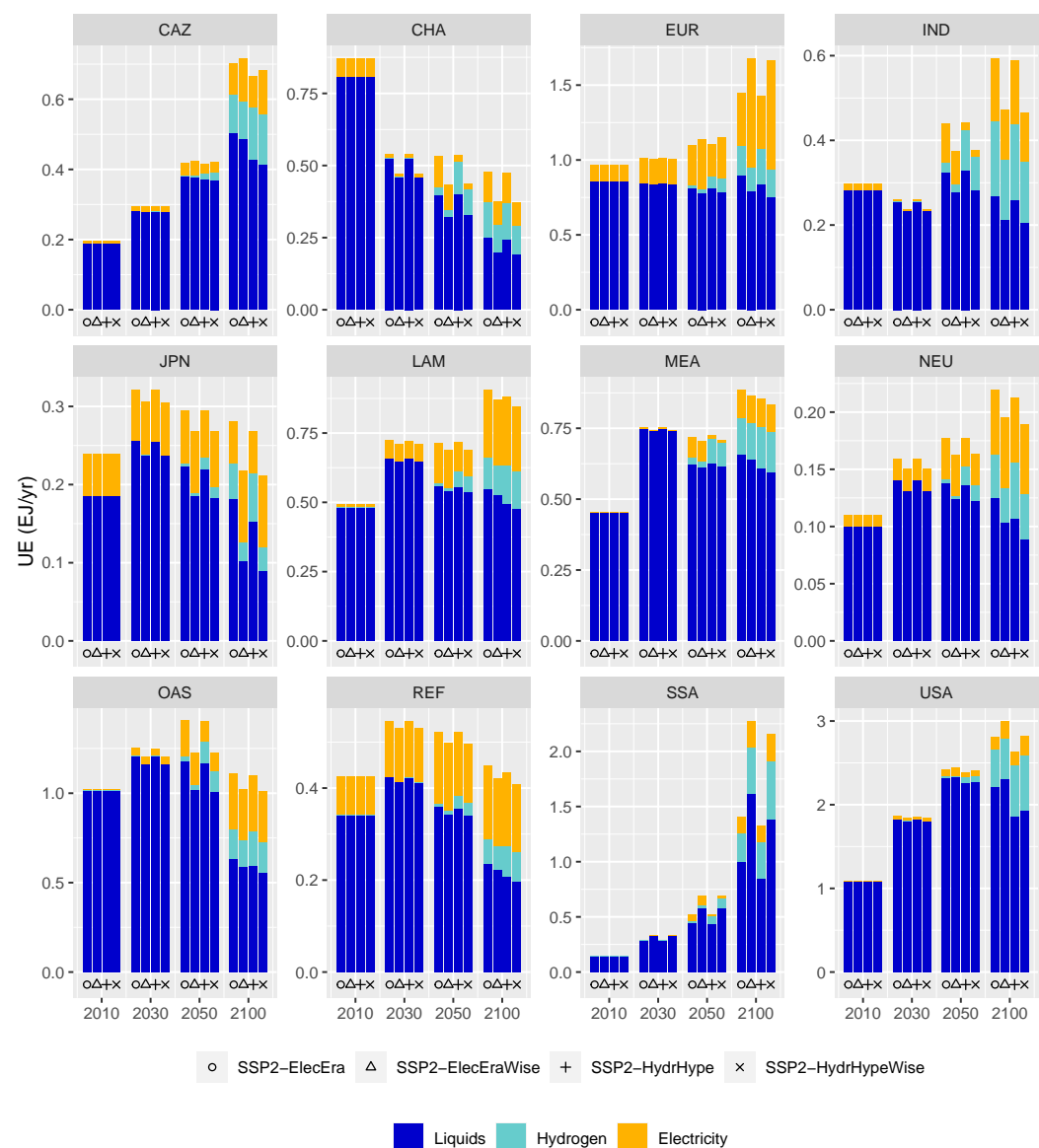
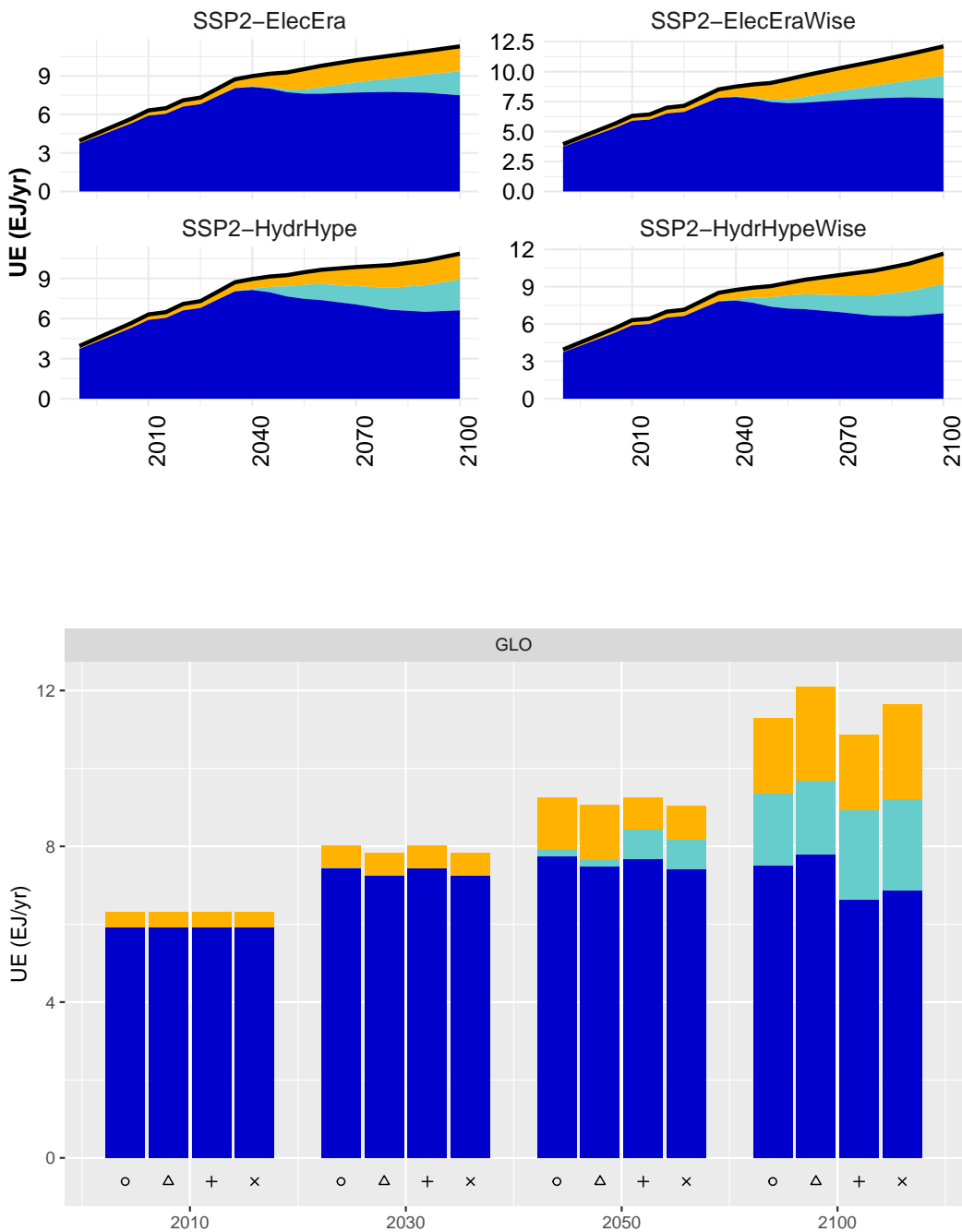


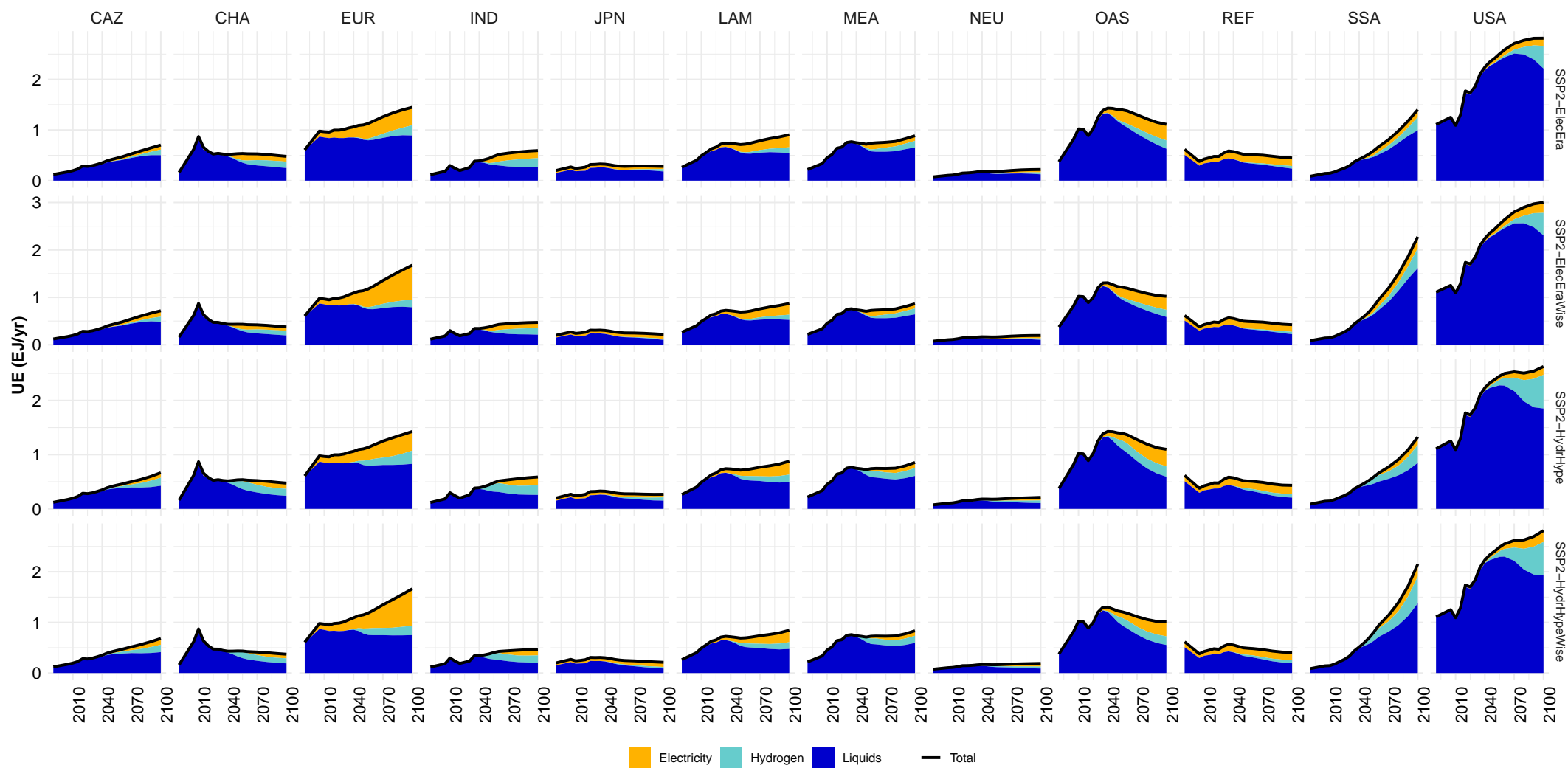
1.5.3 Passenger LDV



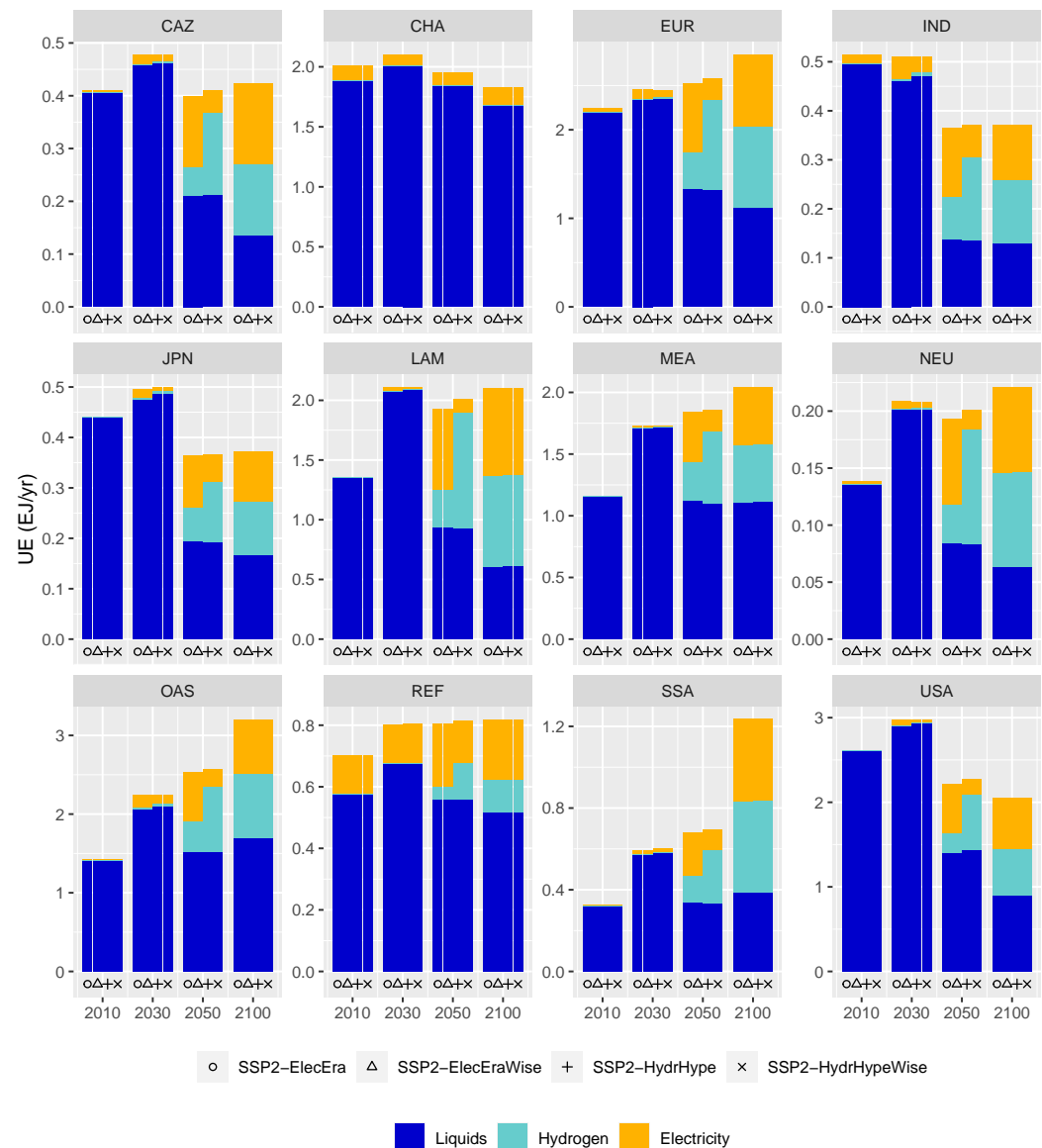
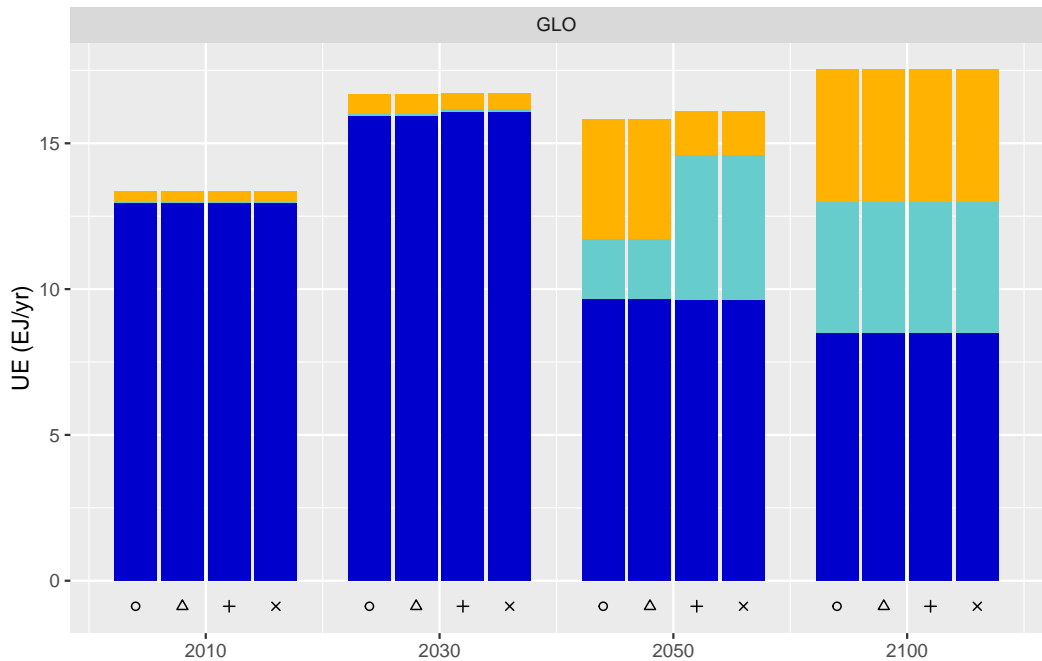
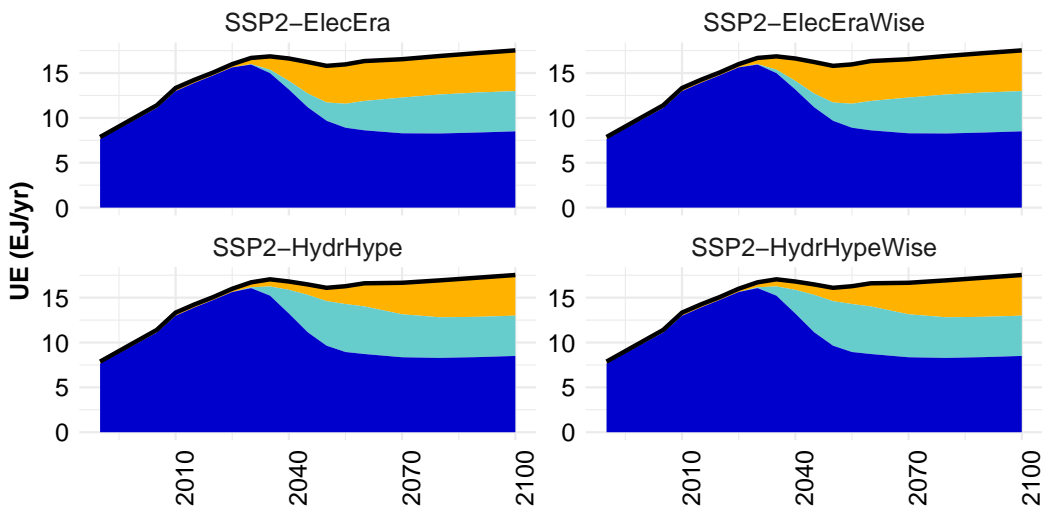


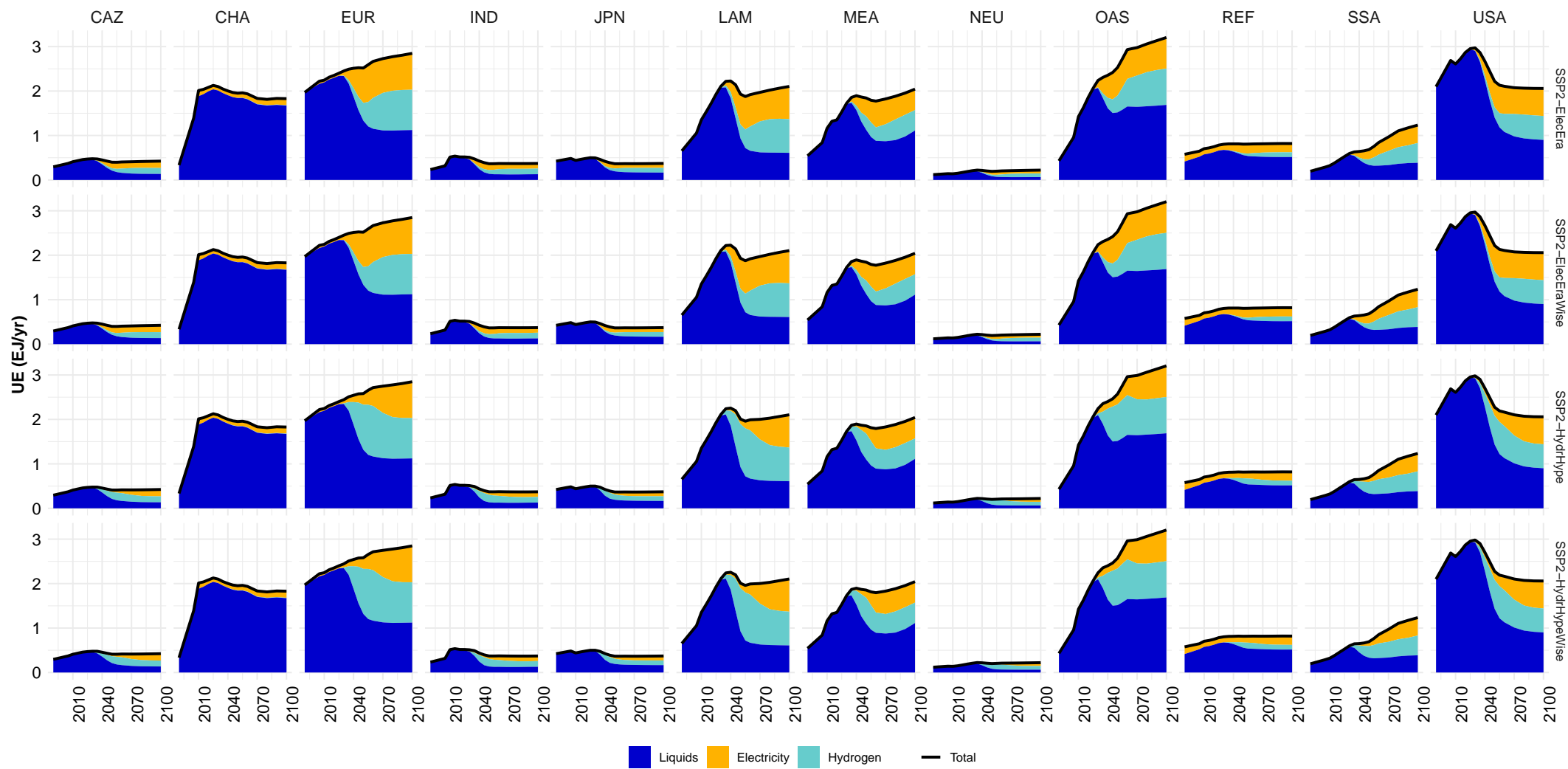
1.5.4 Passenger non-LDV

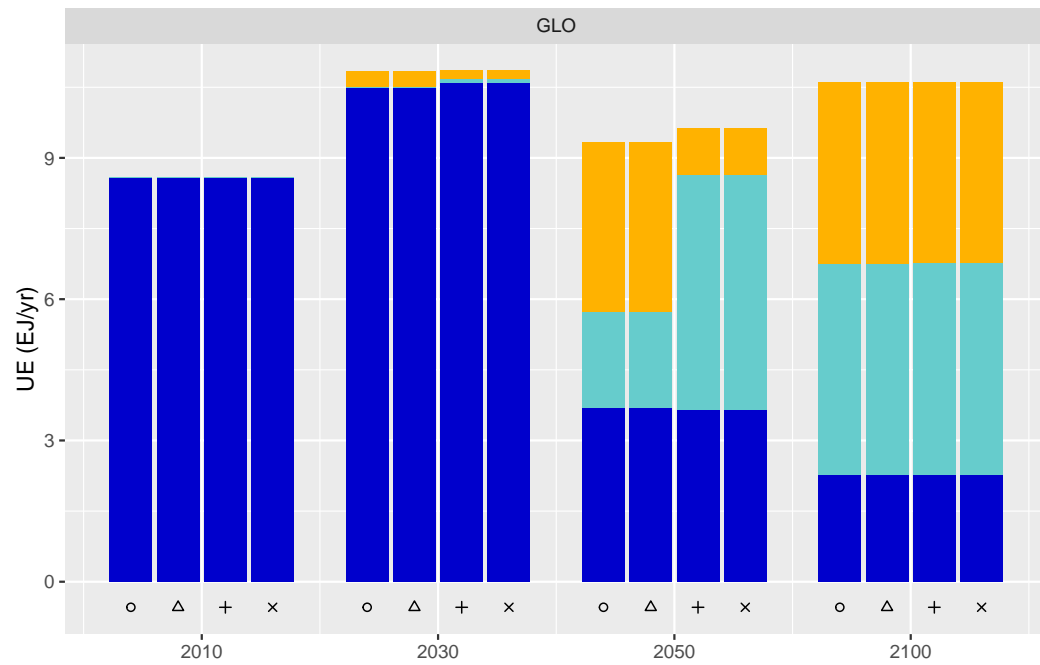
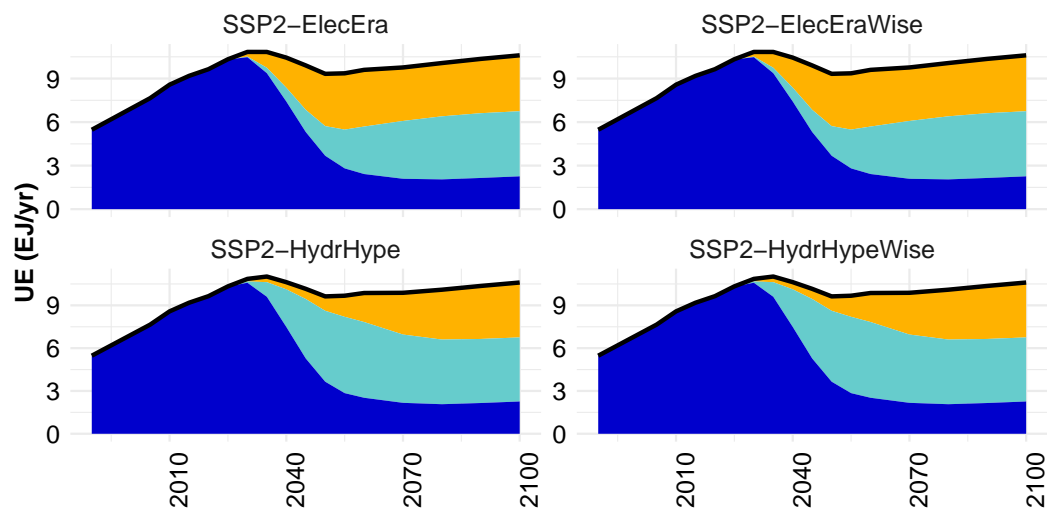




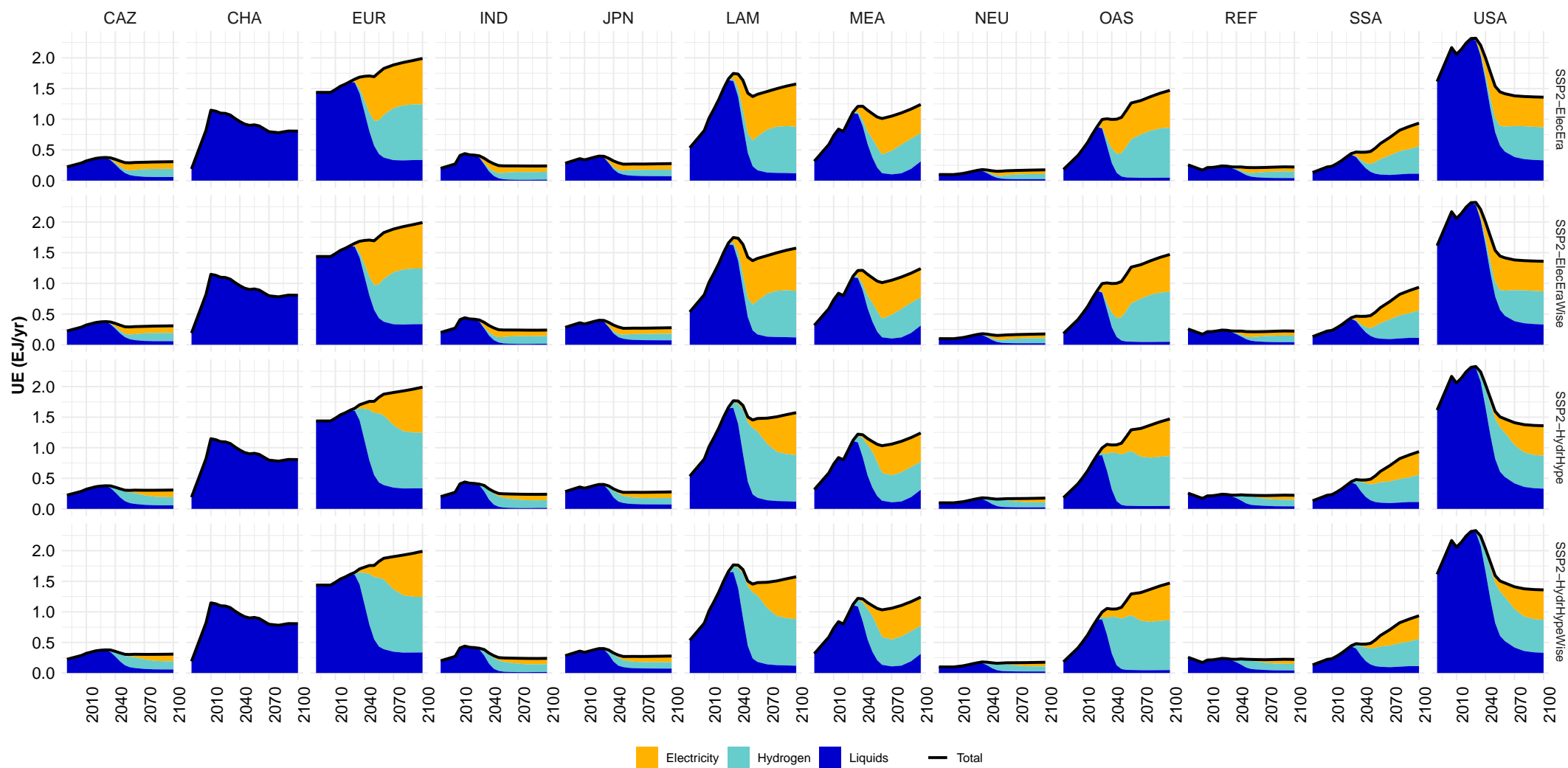
1.5.5 Freight



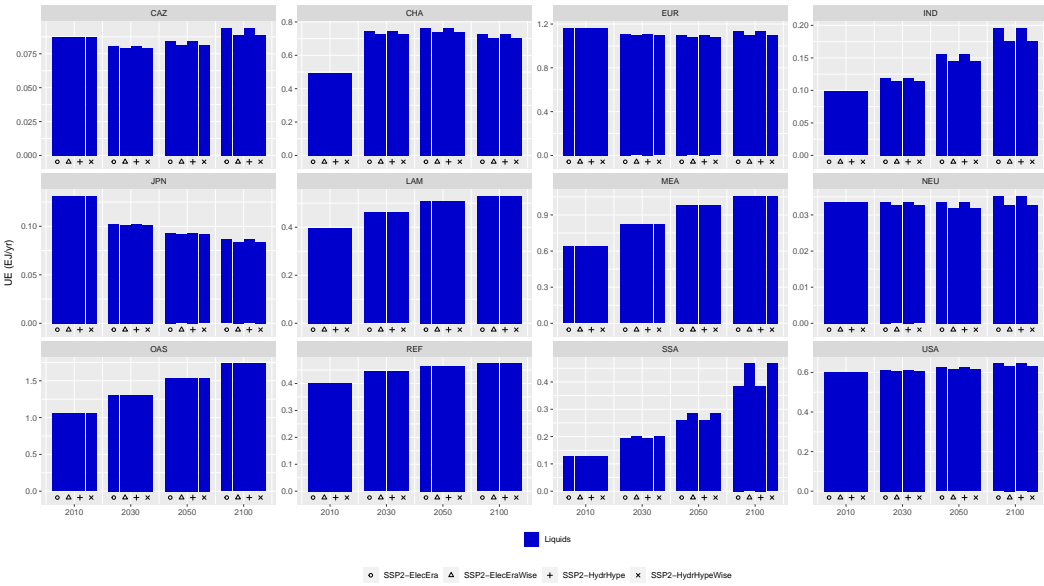
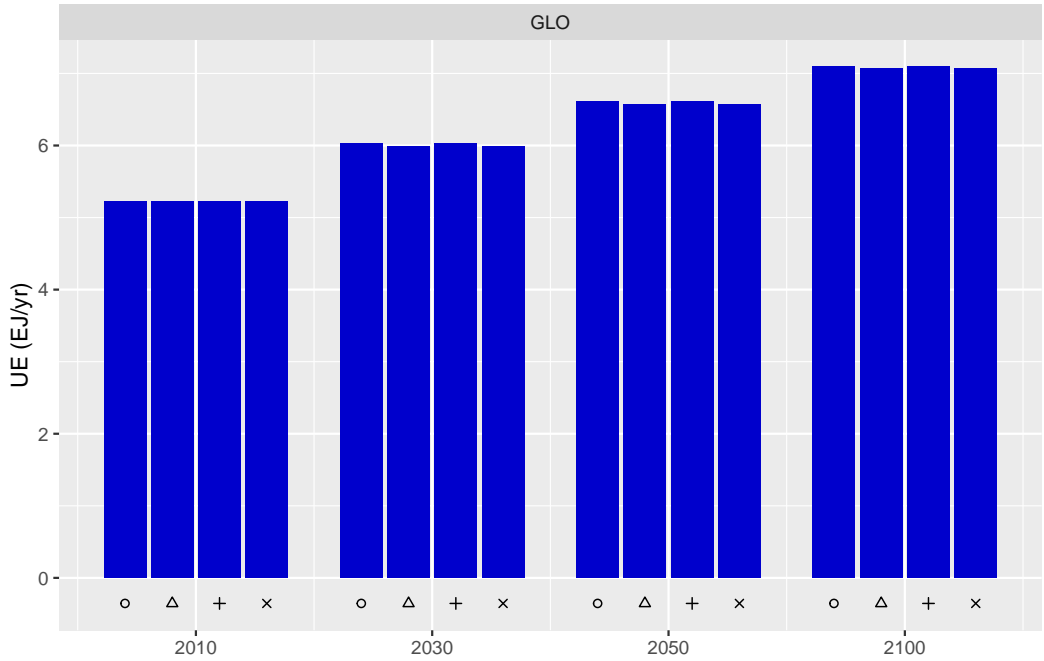
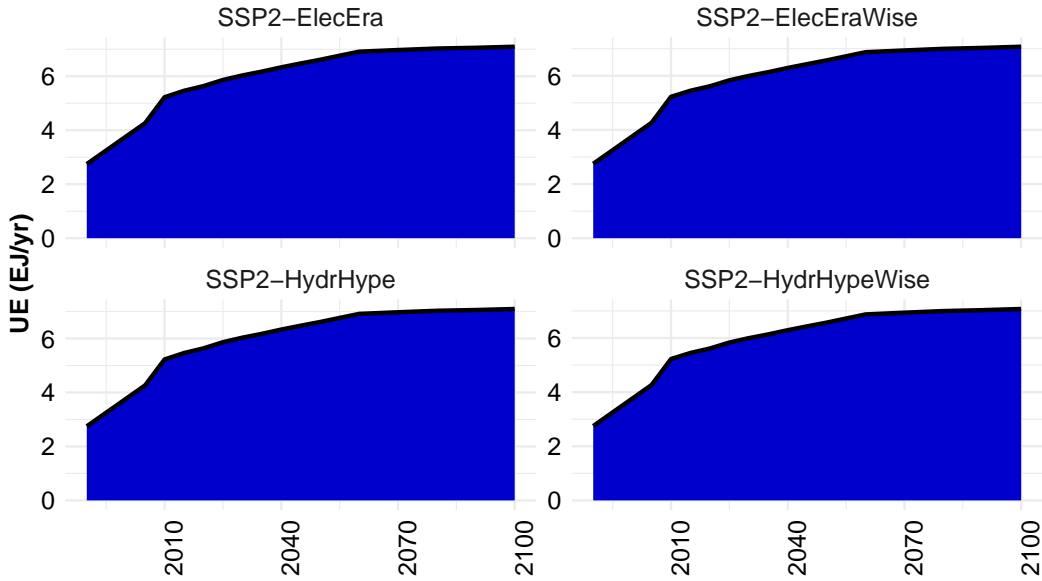


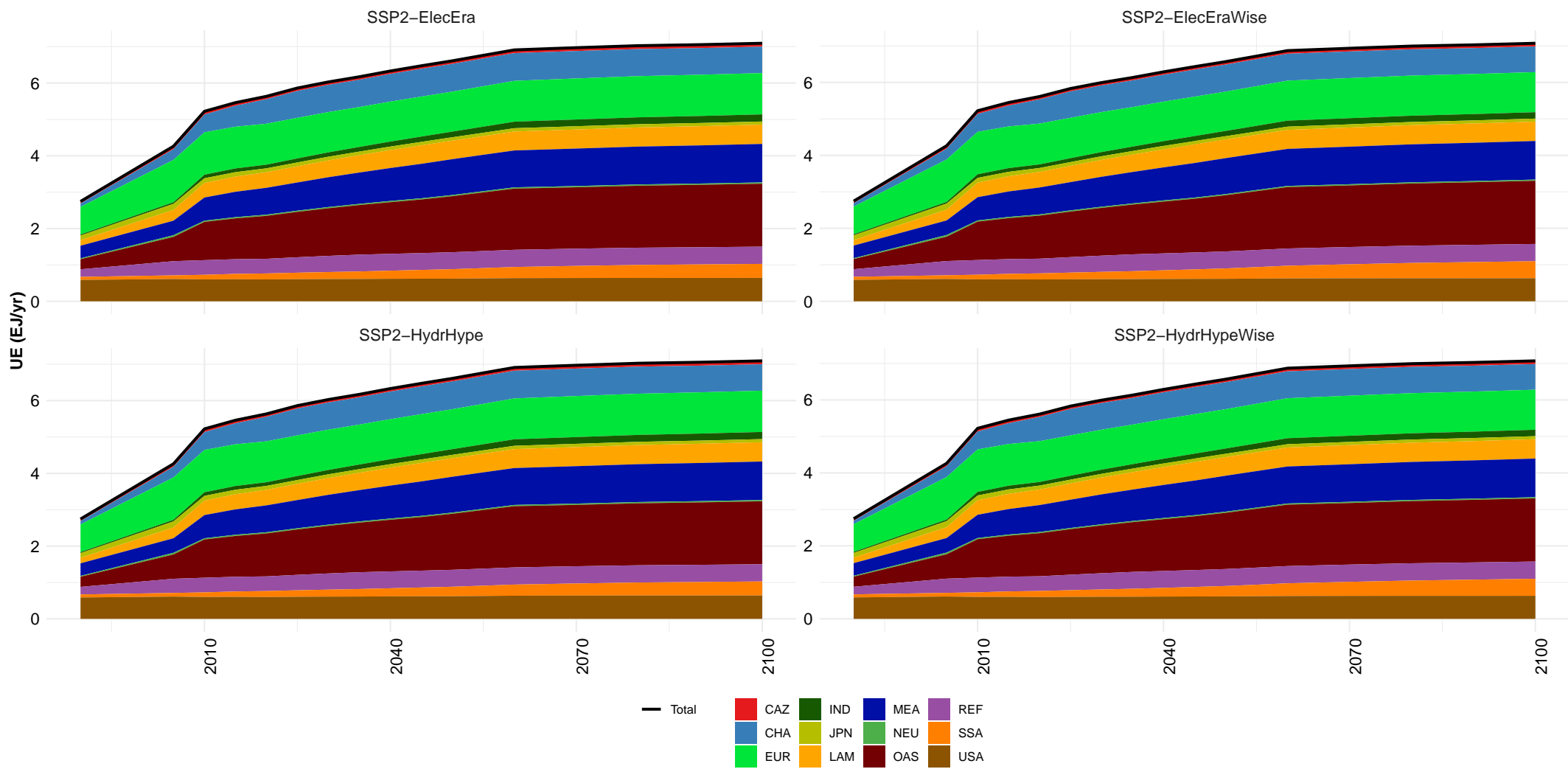


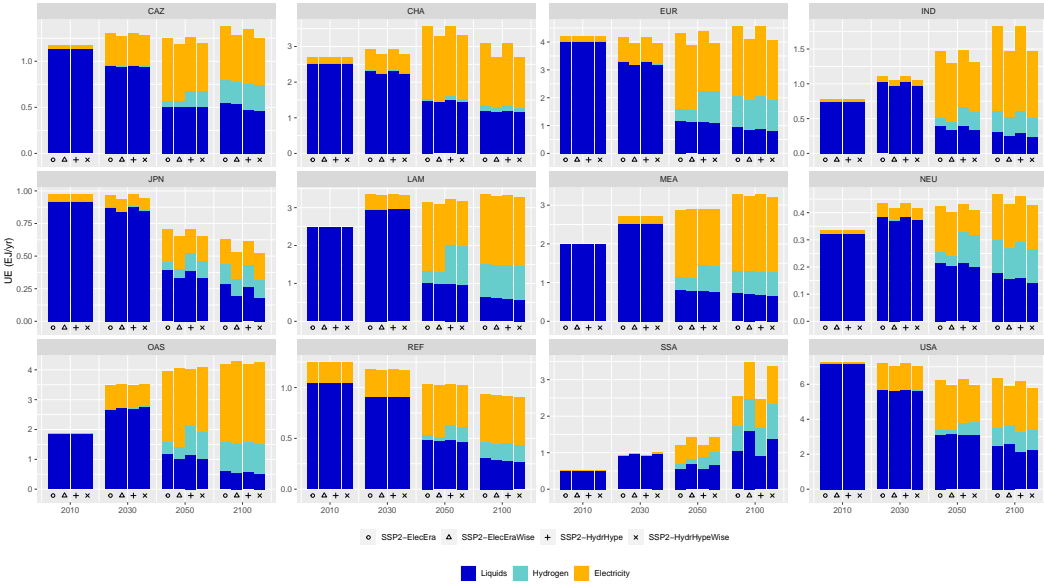
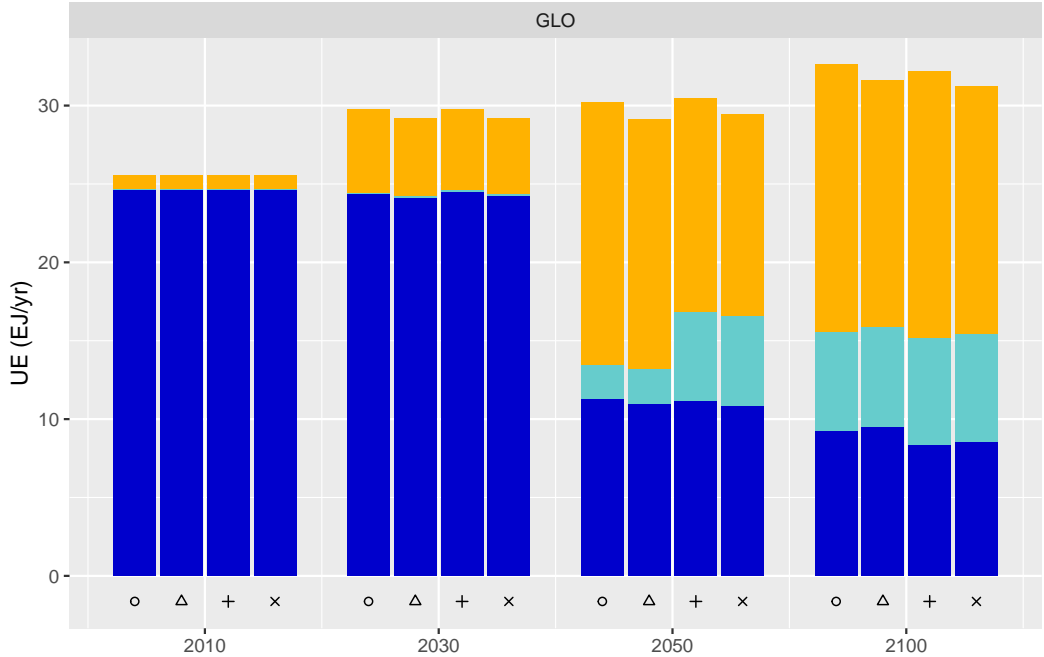
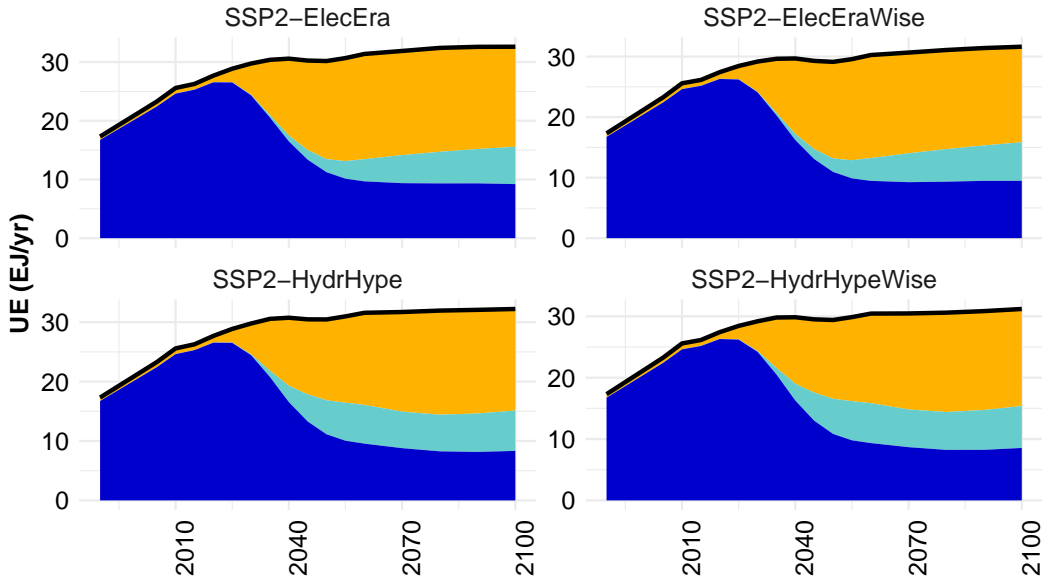
■ Liquids
 ■ Hydrogen
 ■ Electricity

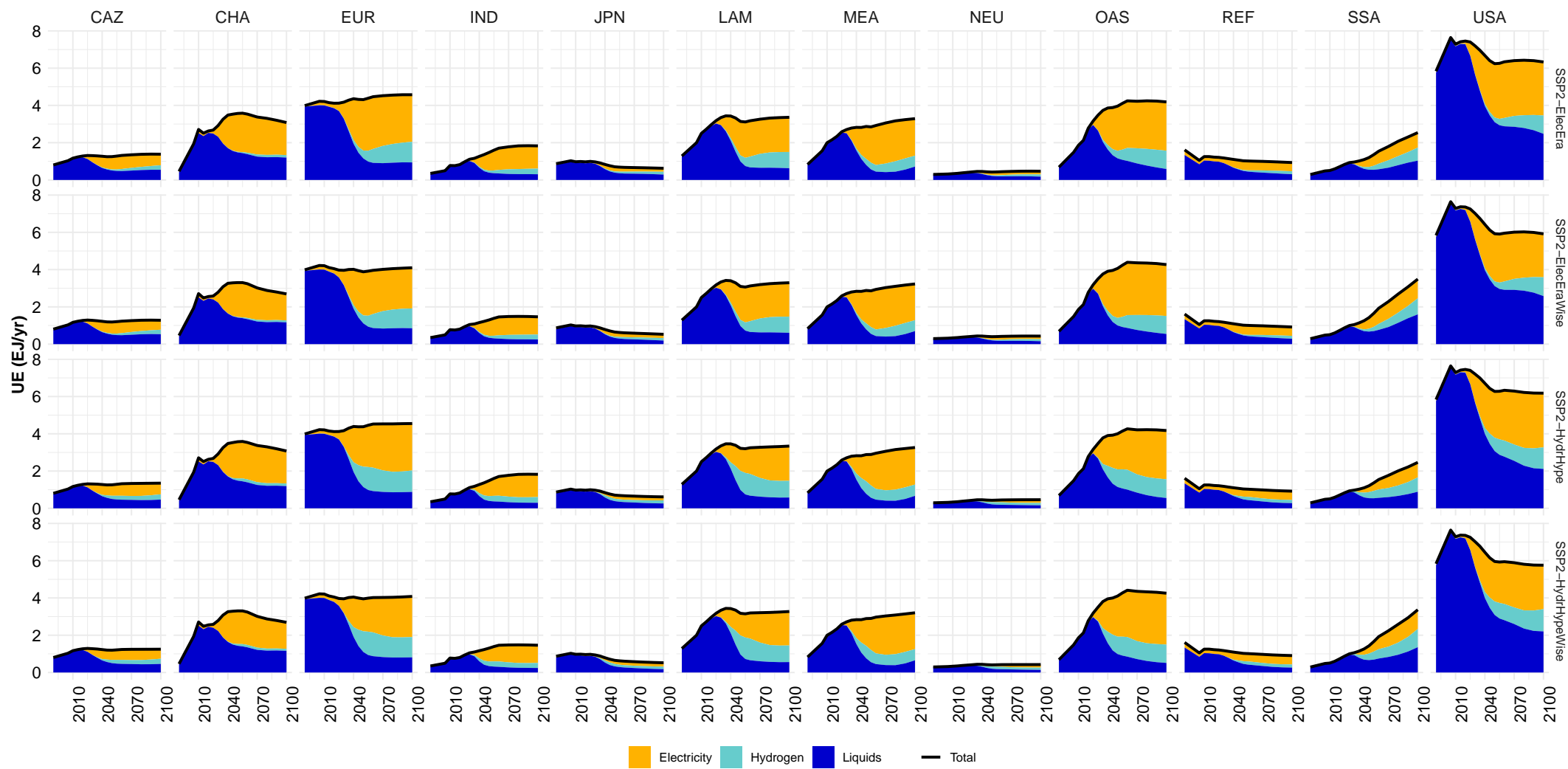


1.5.6 Bunkers



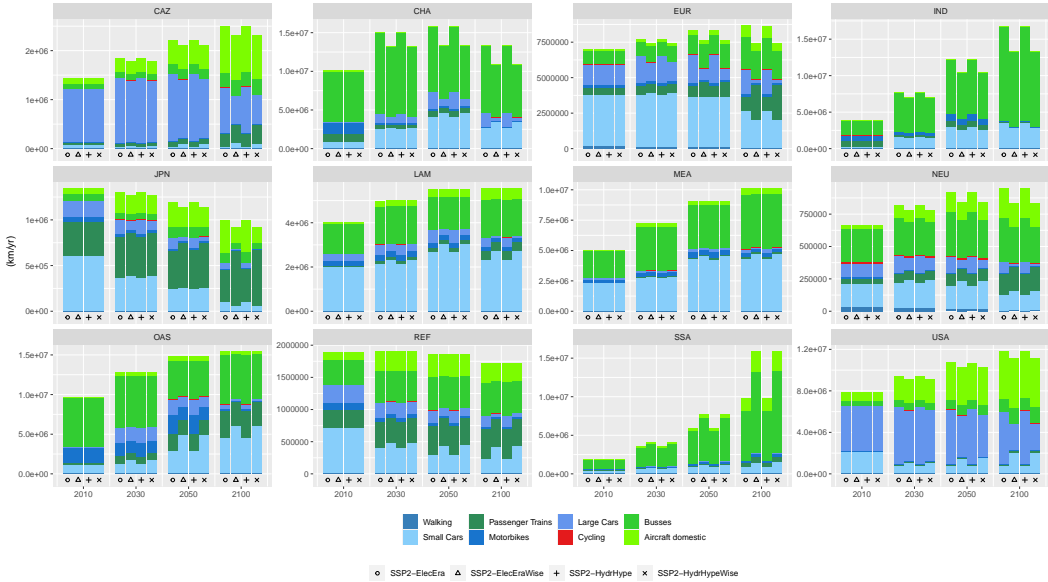
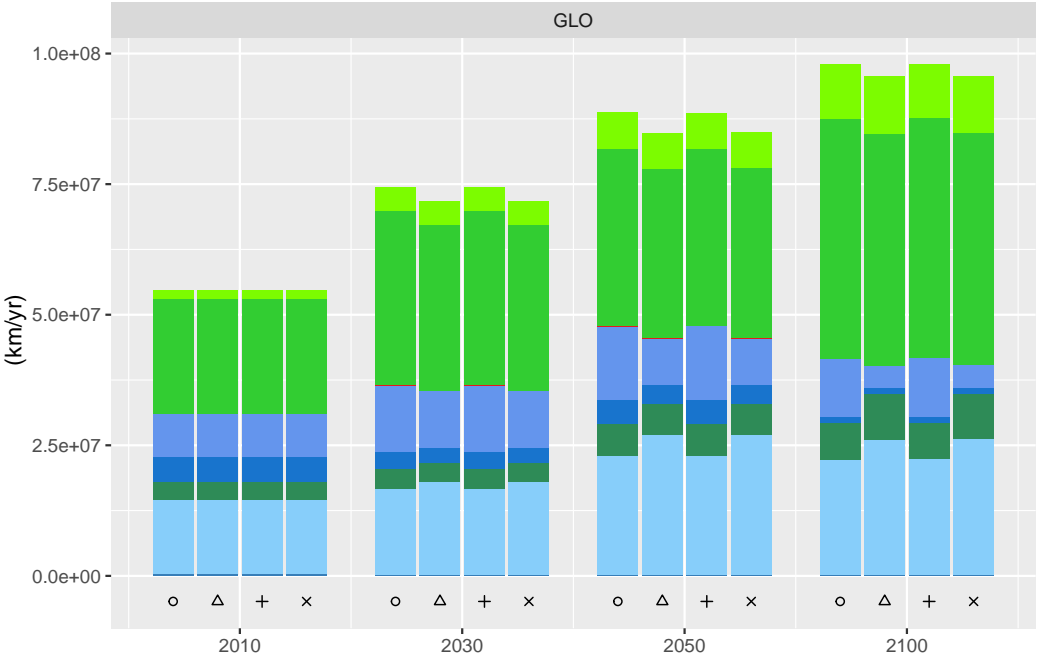
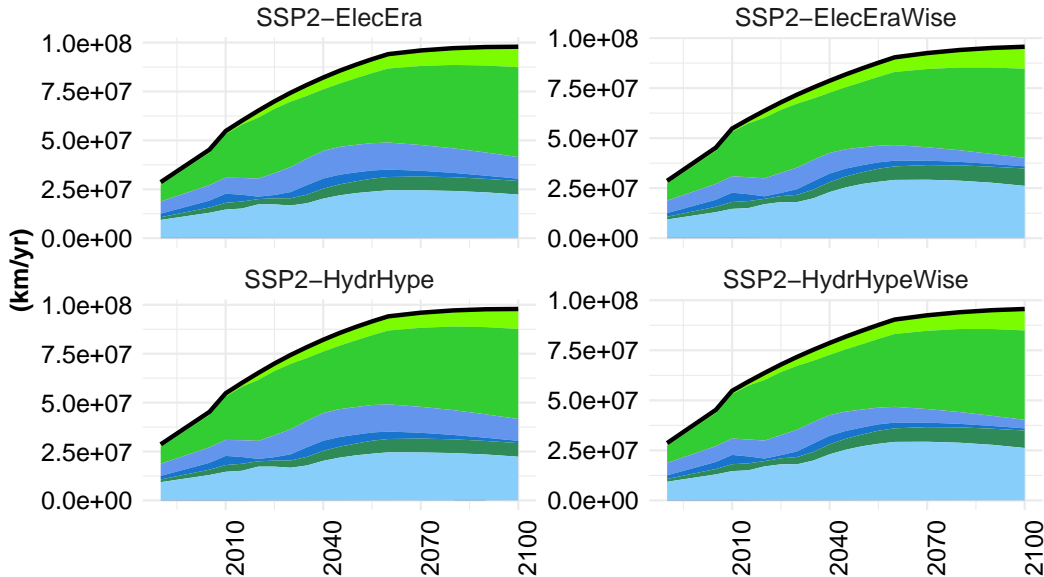


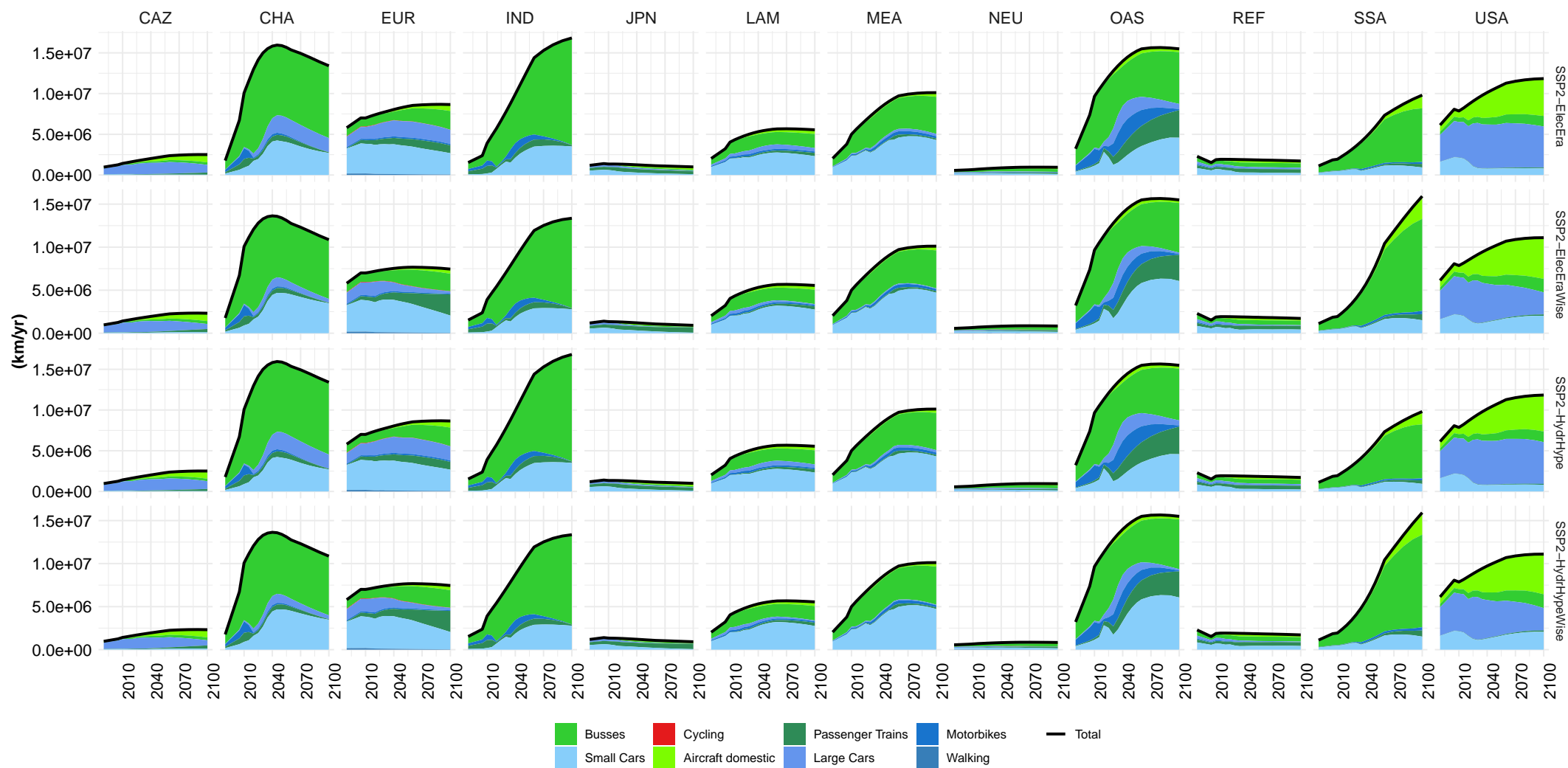




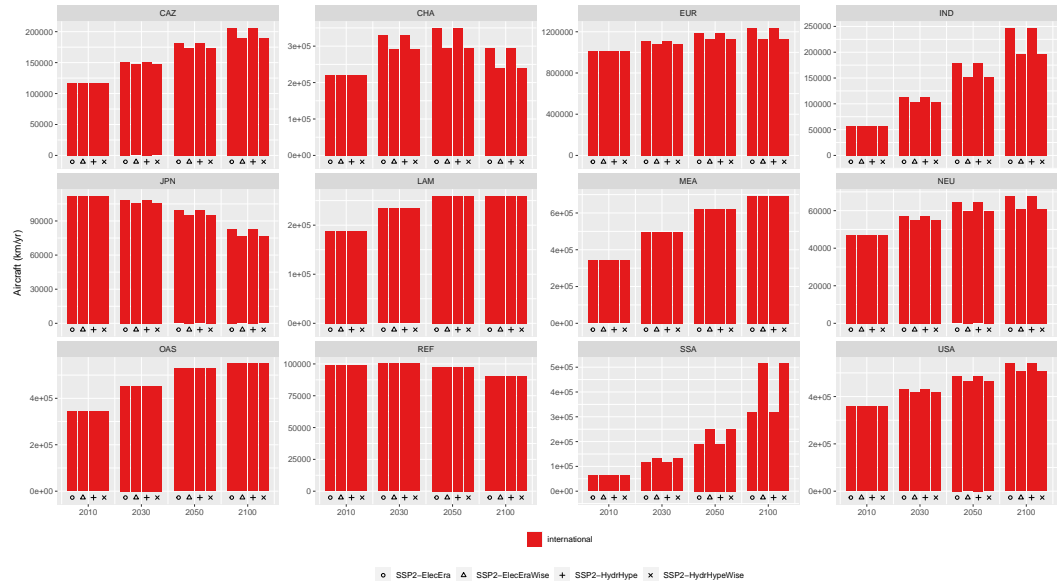
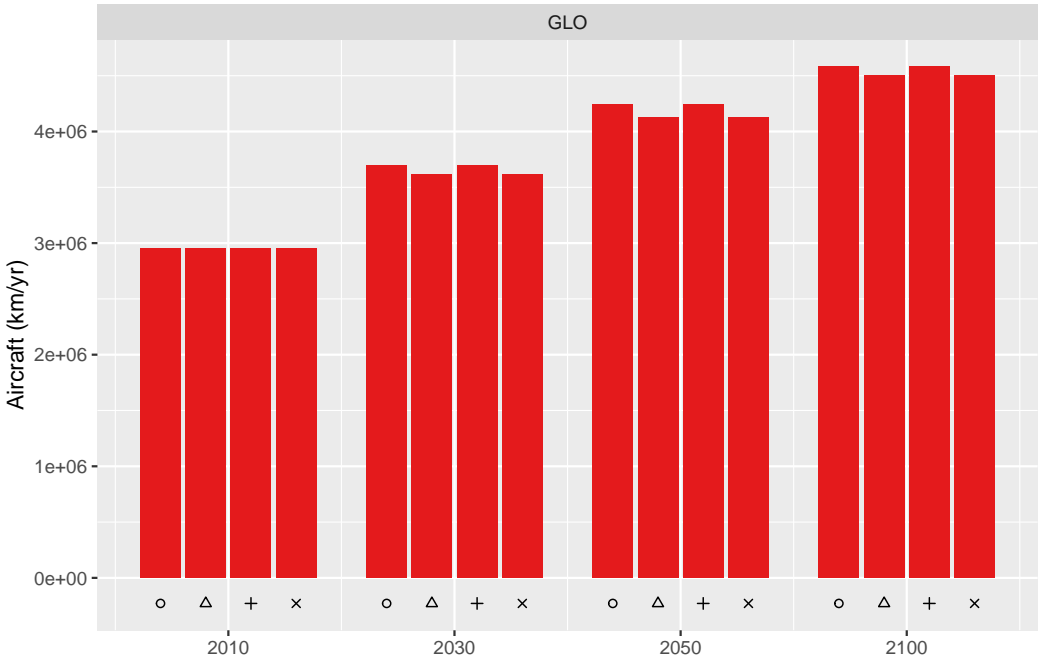
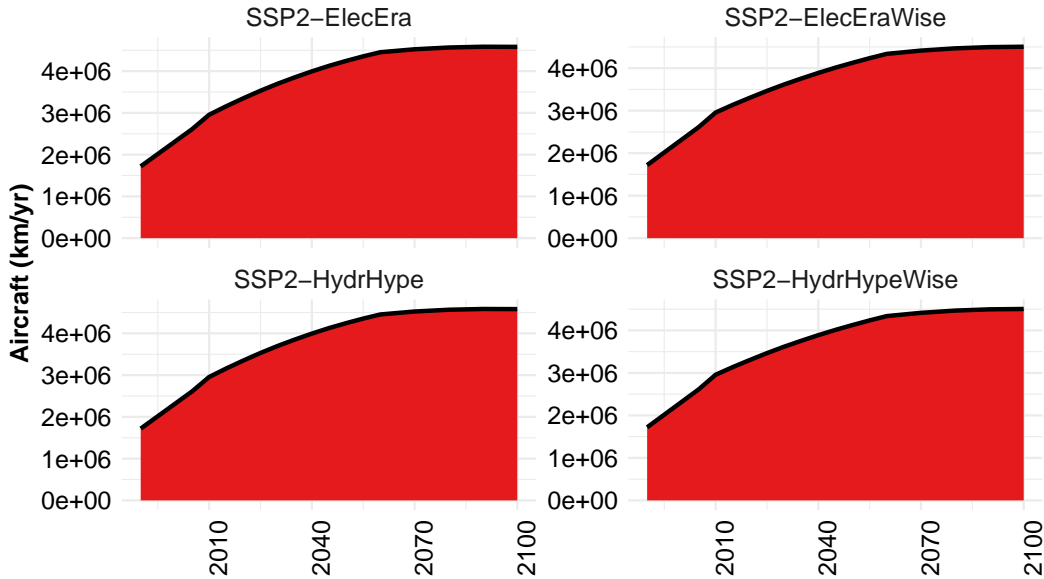
2 Energy services

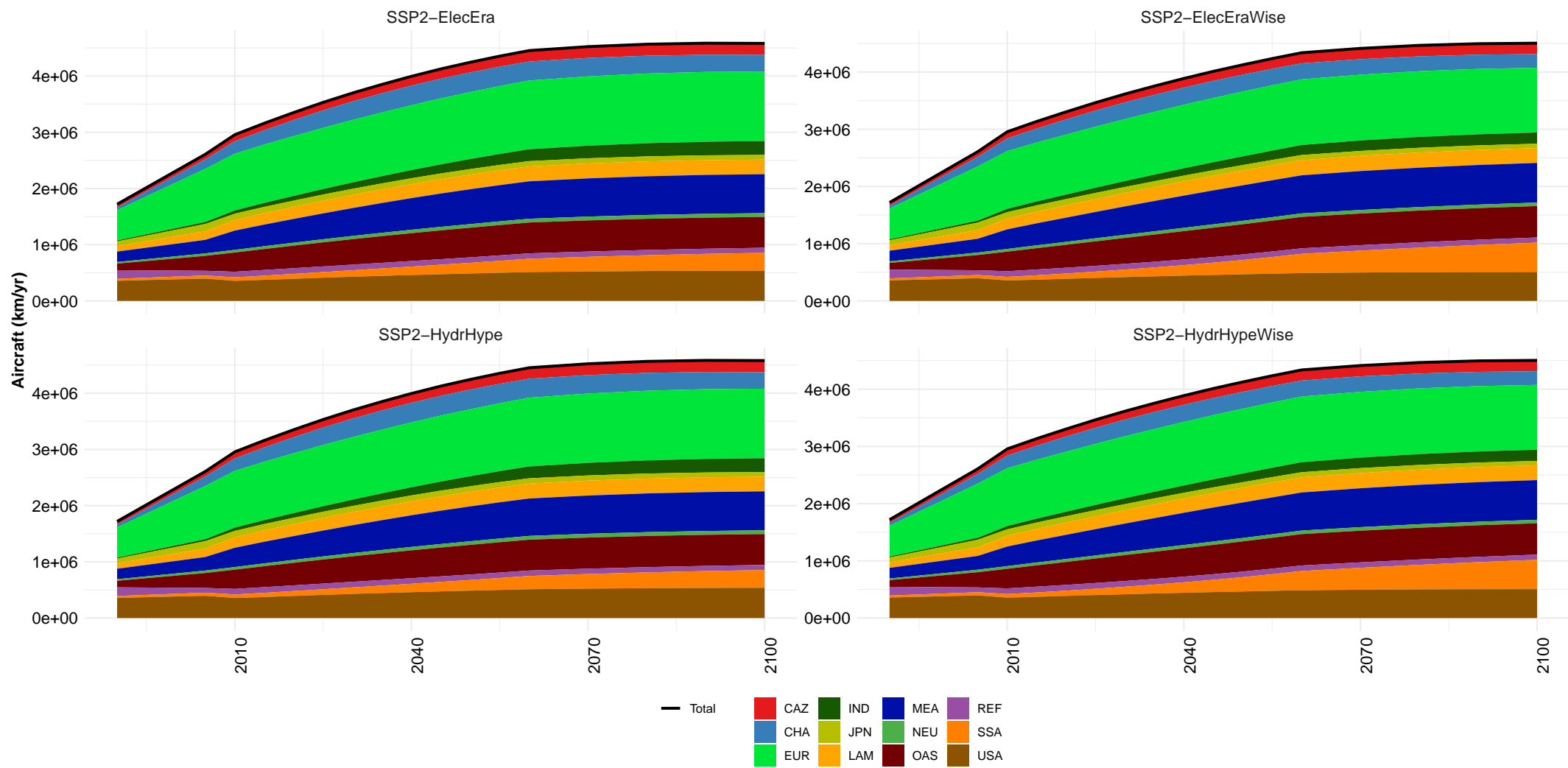
2.1 Passenger without bunkers by vehicle type



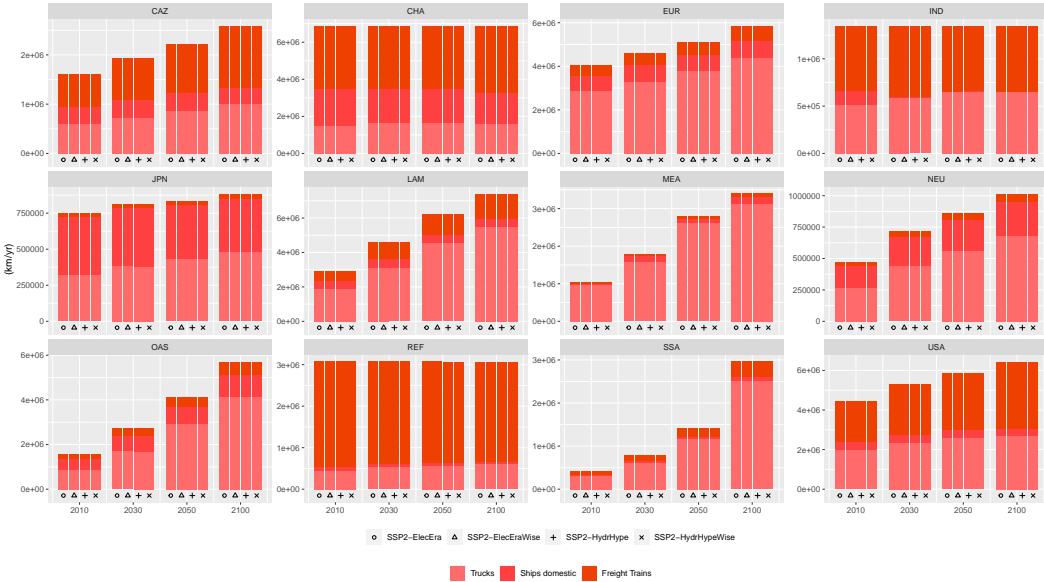
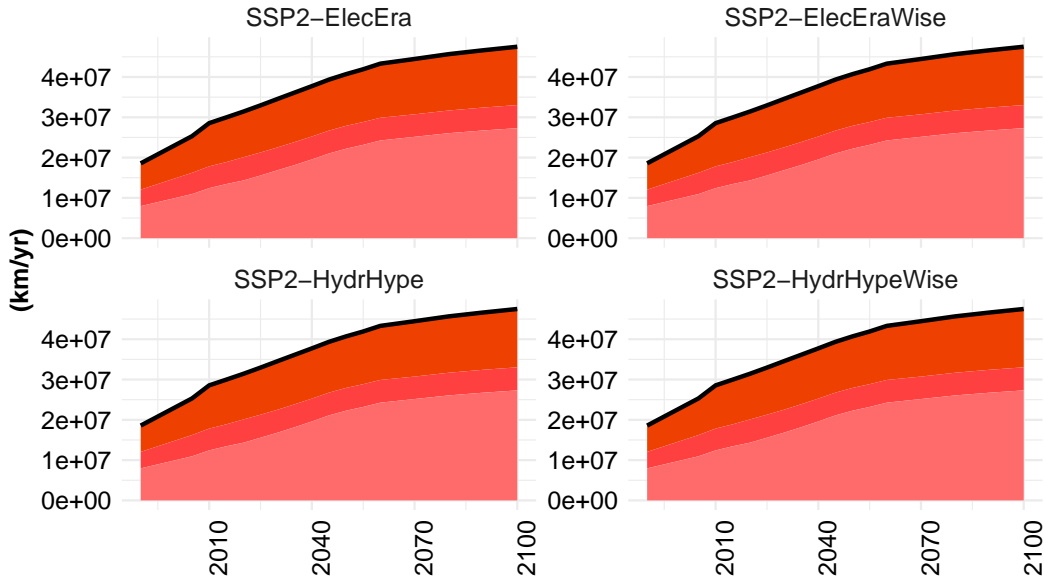


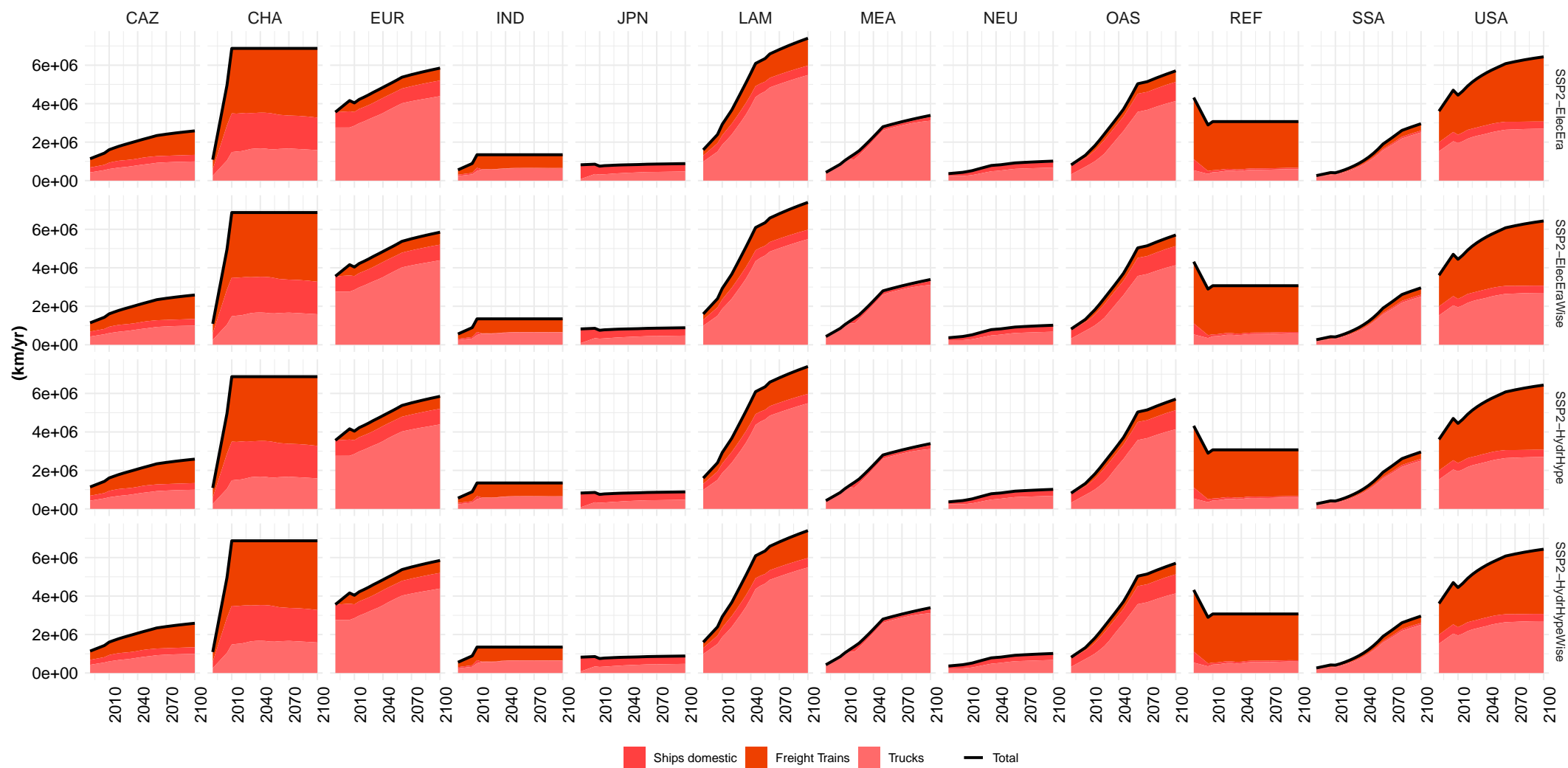
2.2 Passenger bunkers



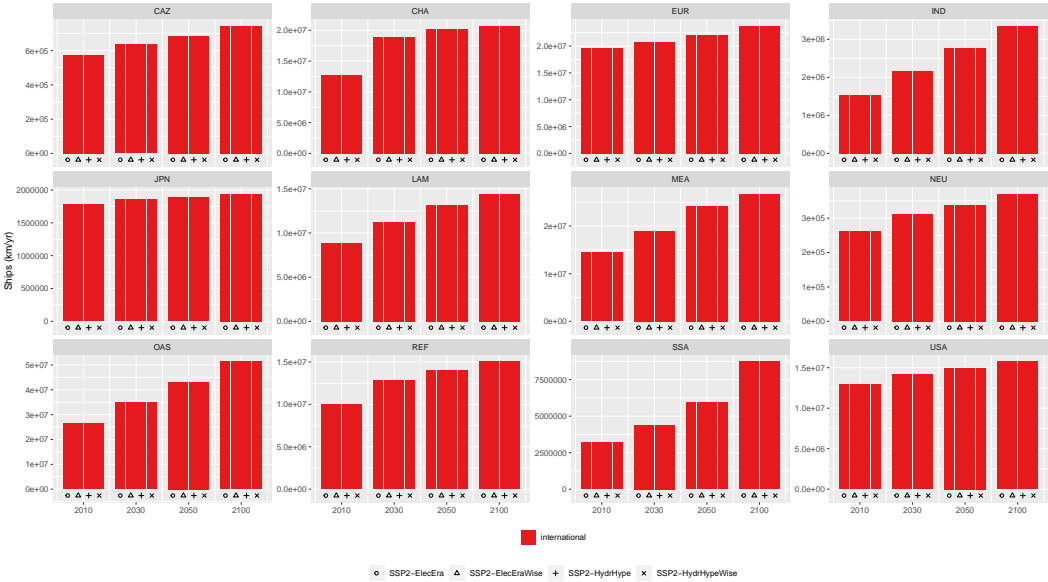
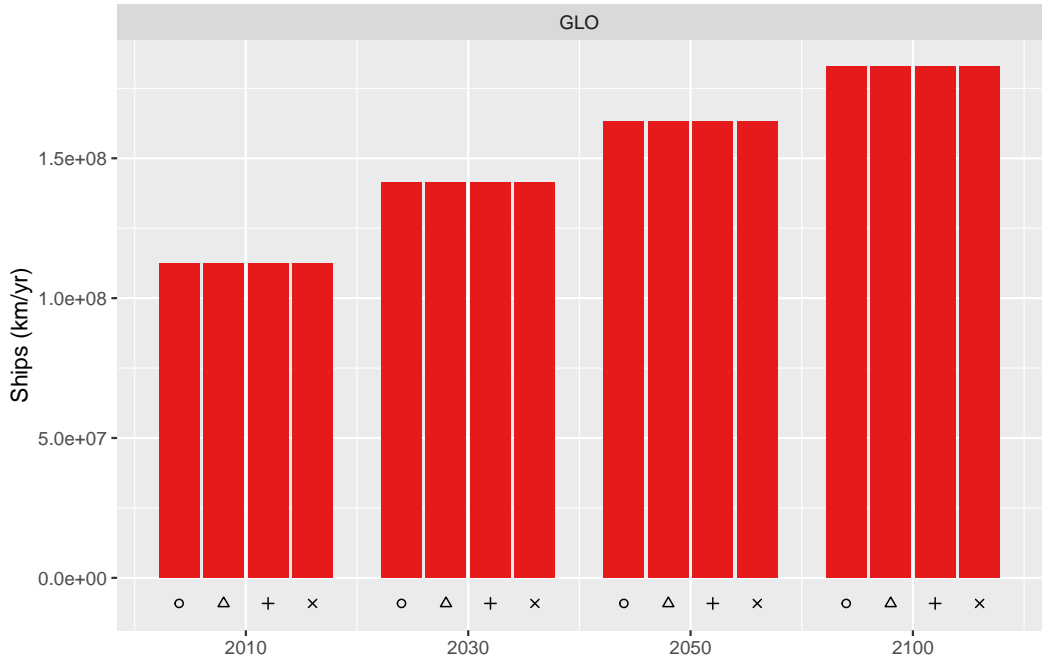
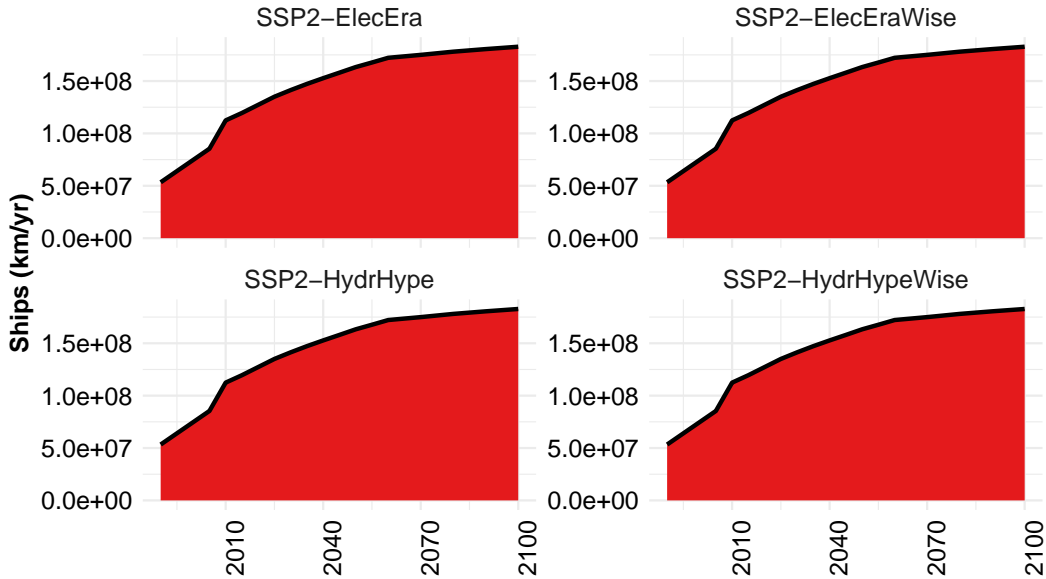


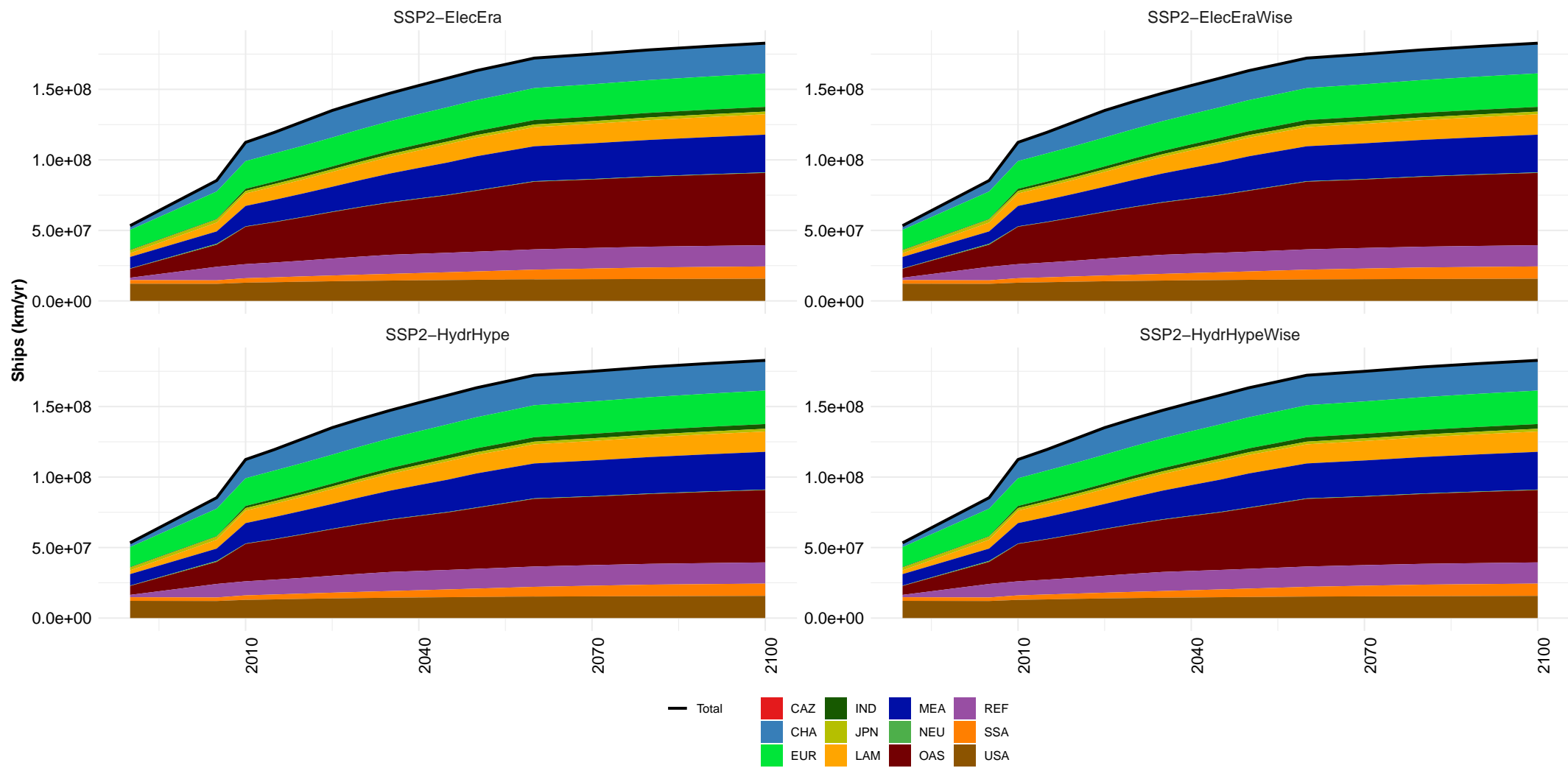
2.3 Freight without bunkers by vehicle type



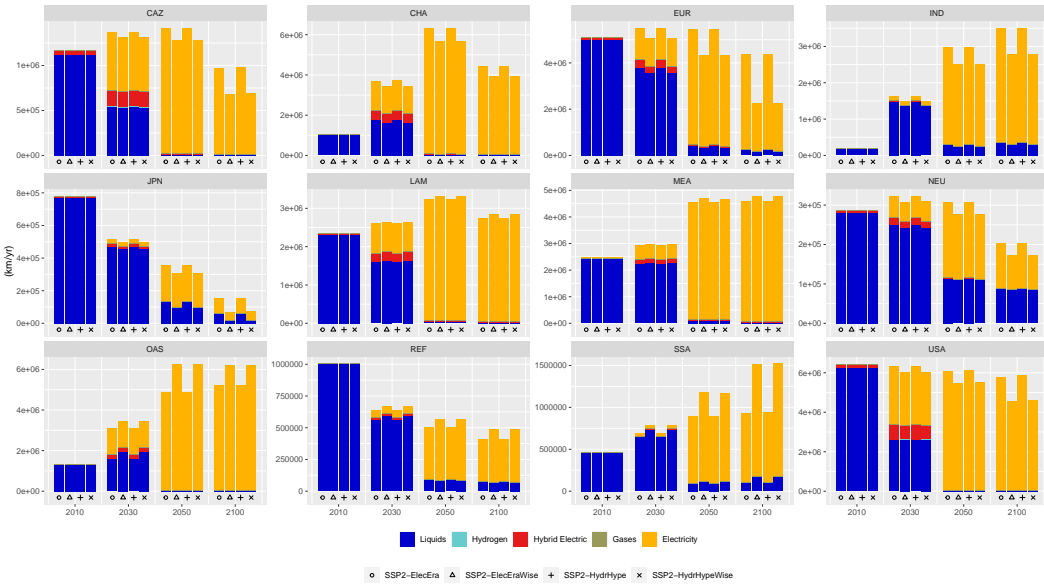
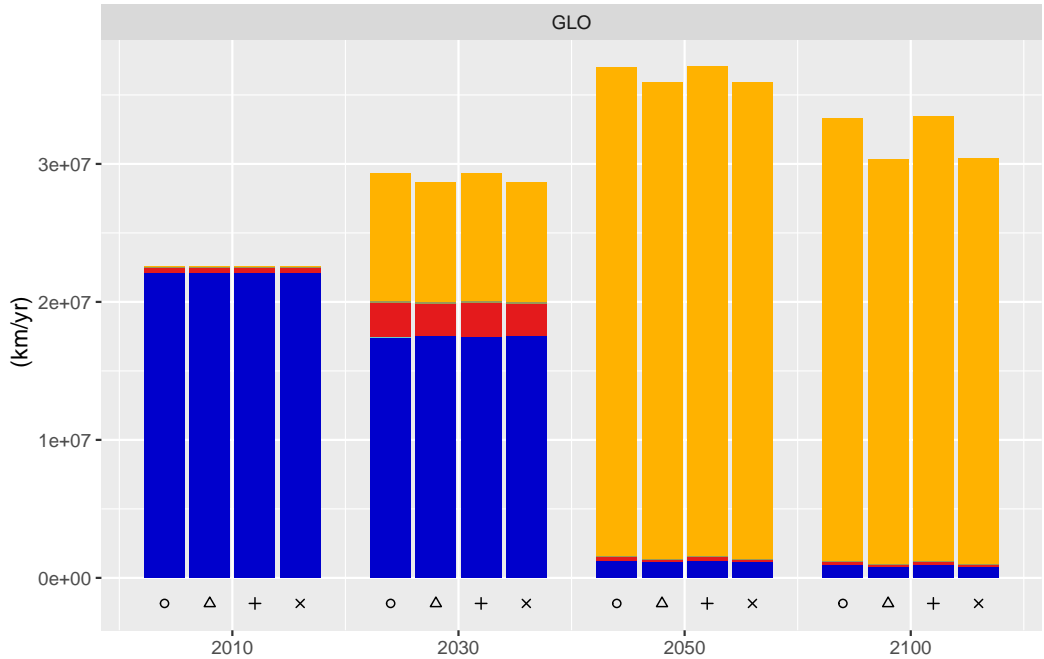
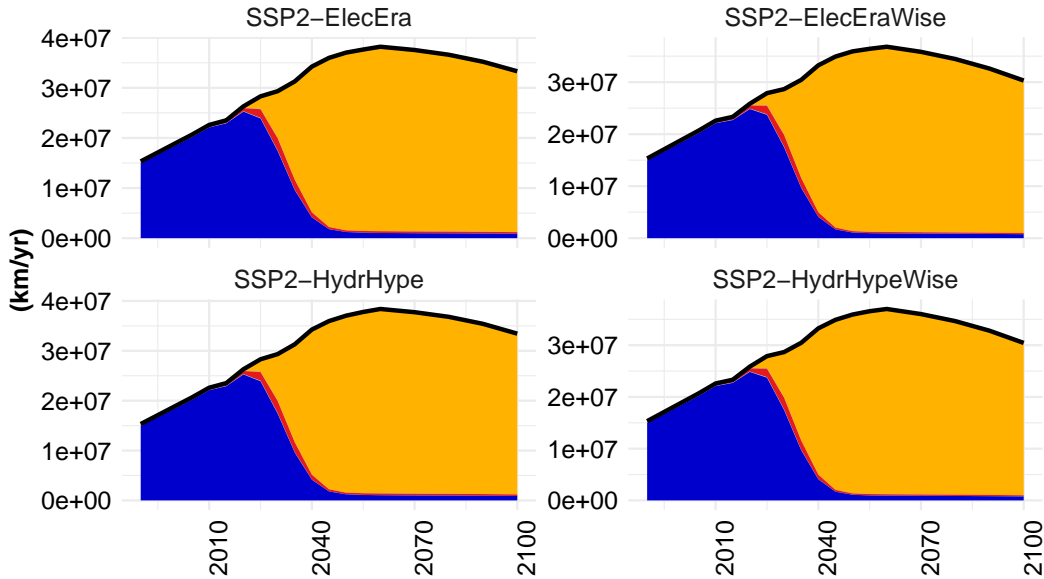


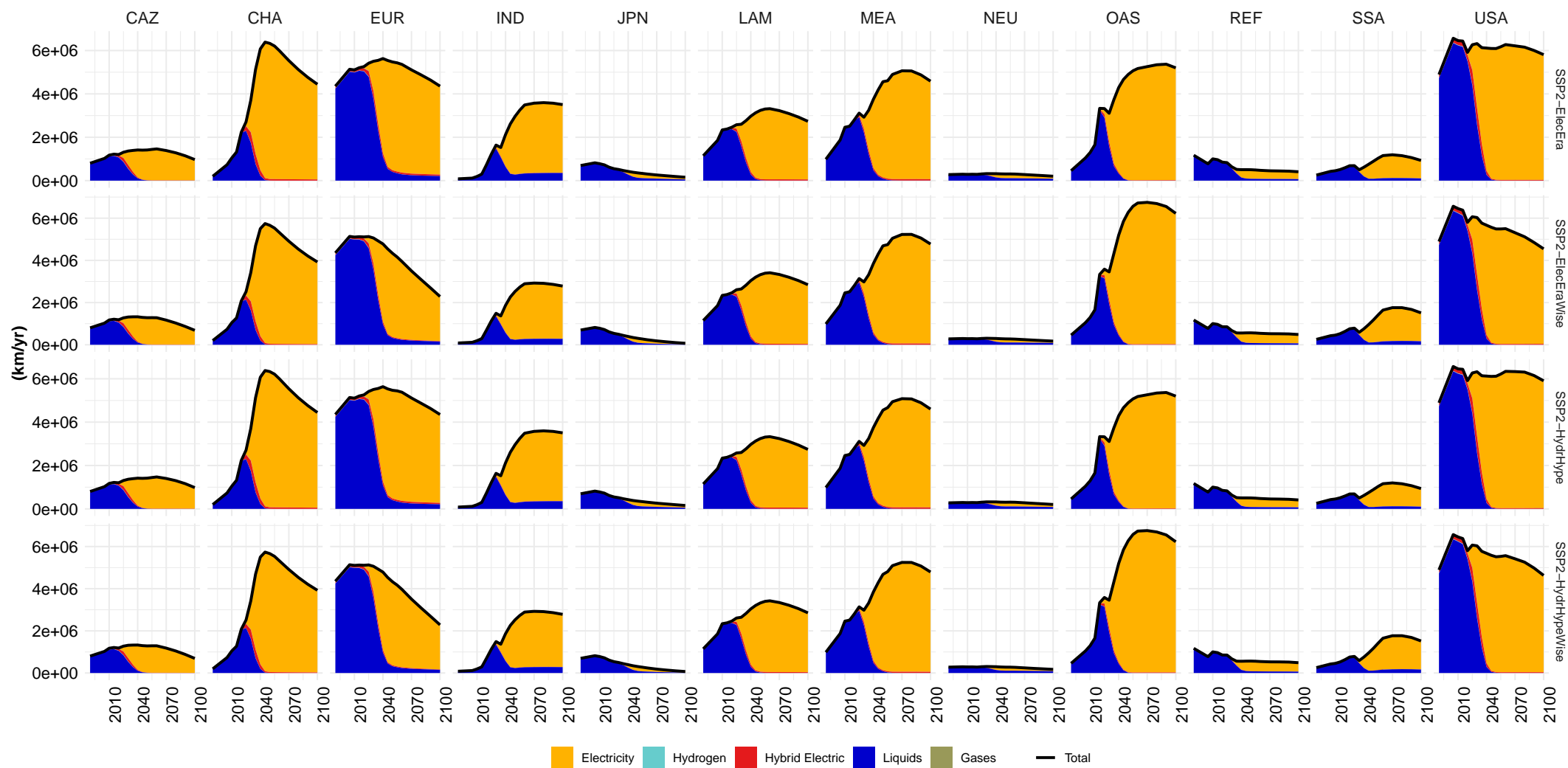
2.4 Freight bunkers by vehicle type



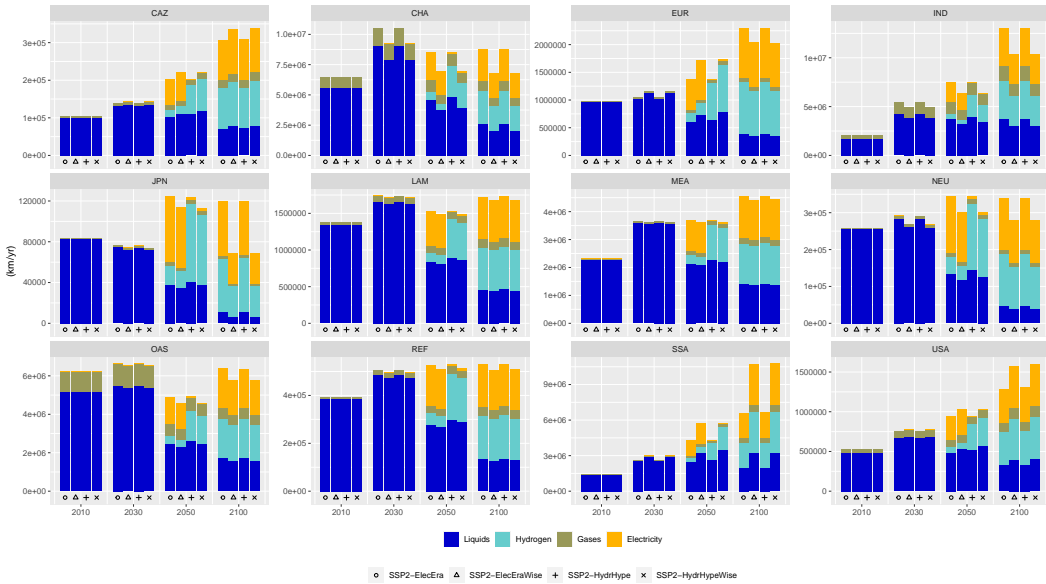
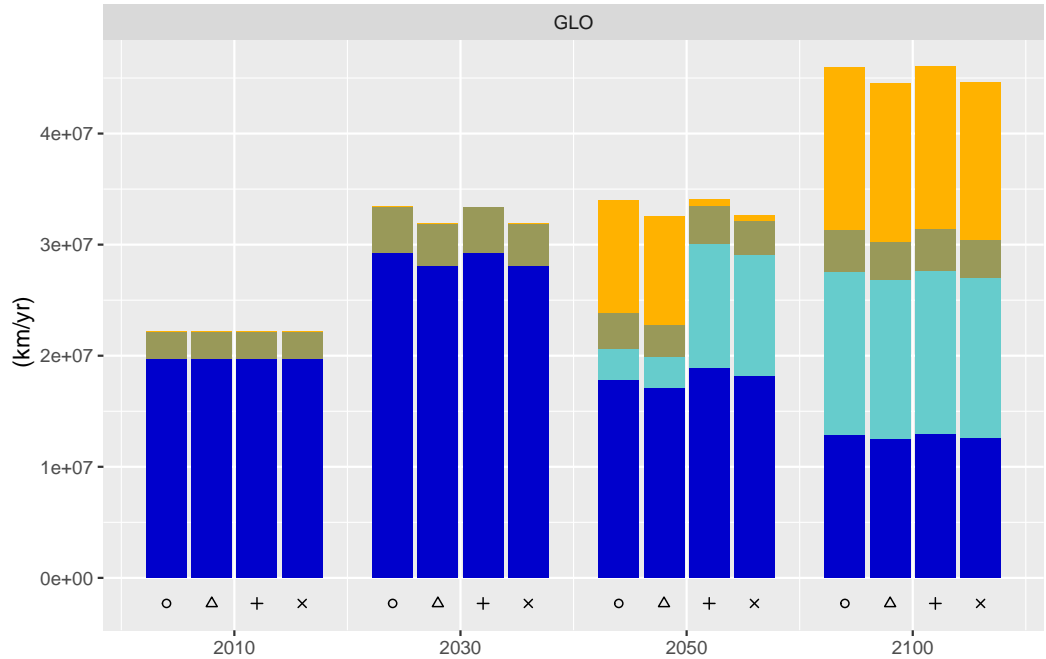
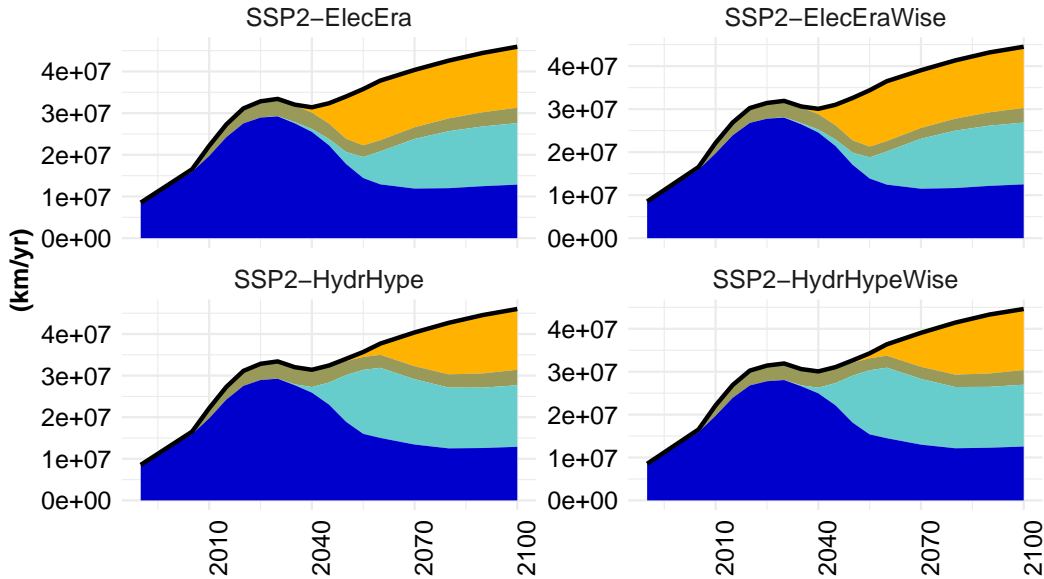


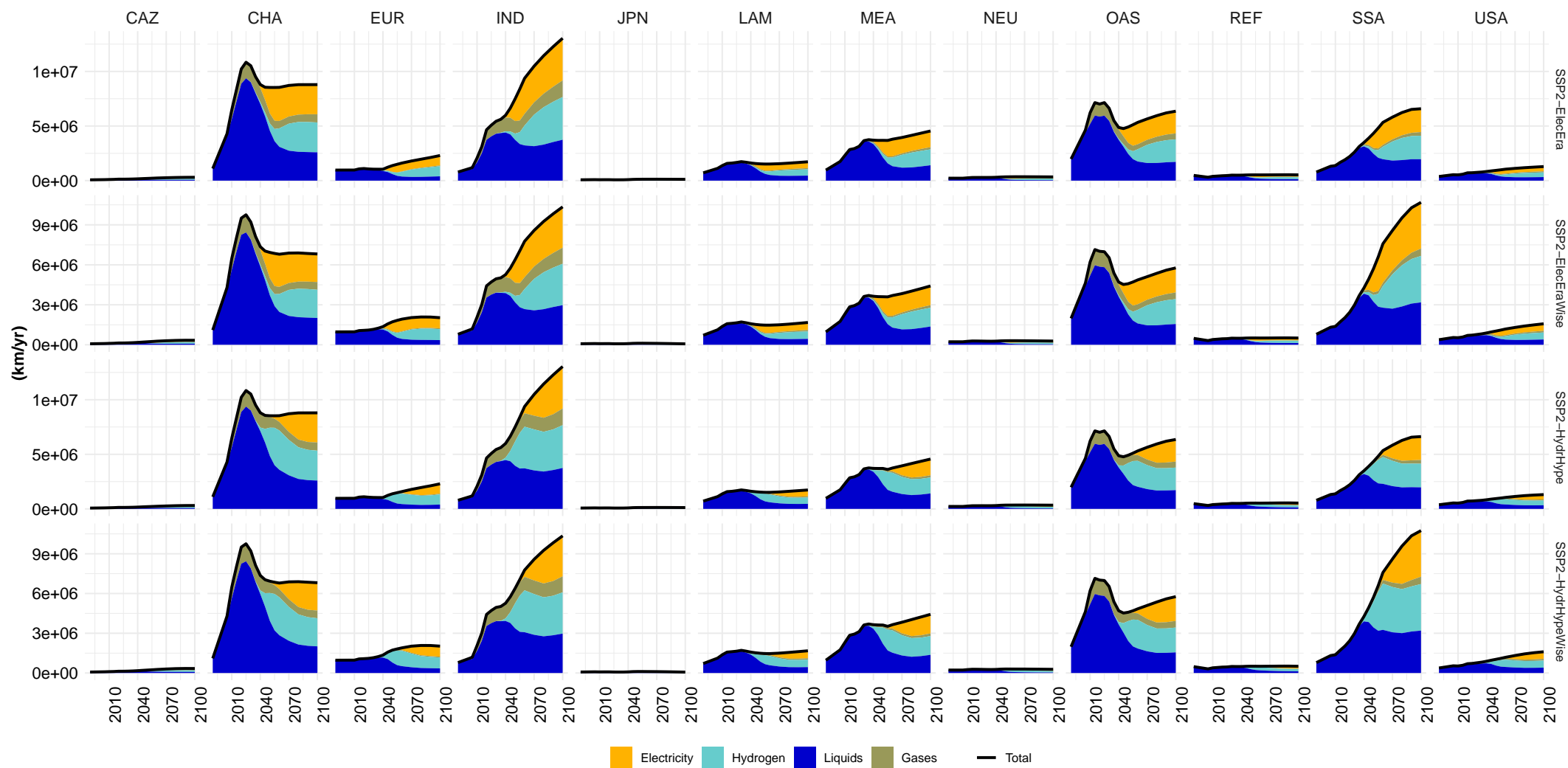
2.5 LDV's by technology



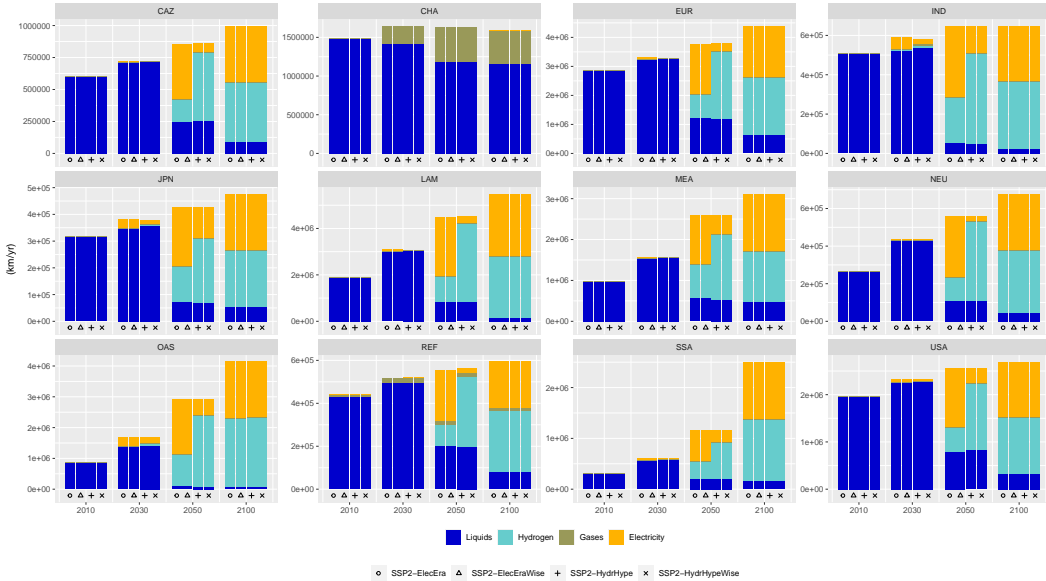
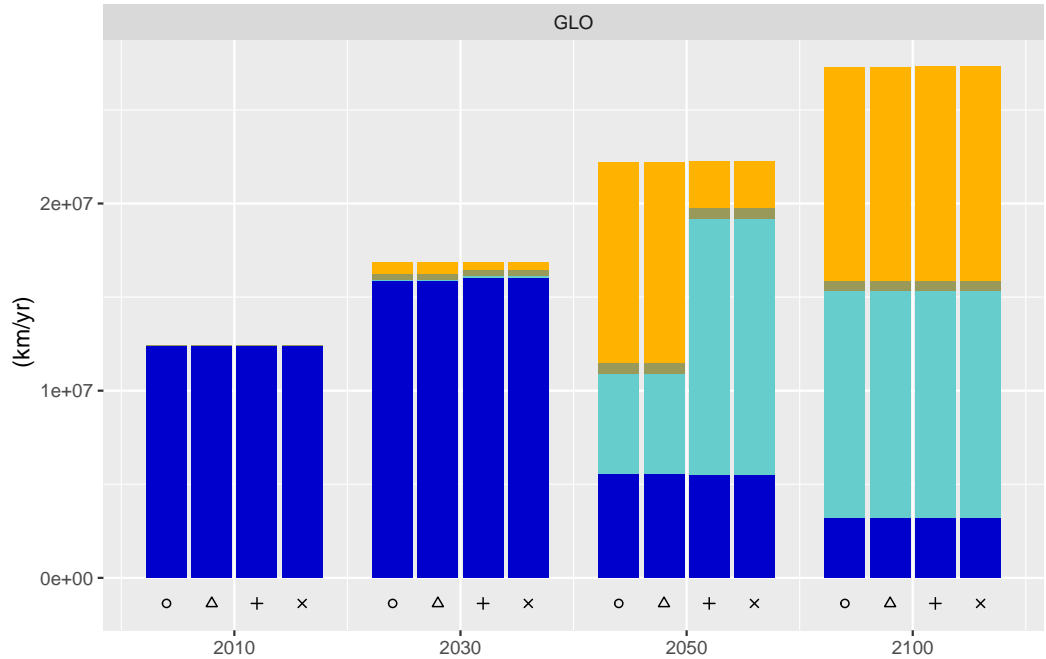
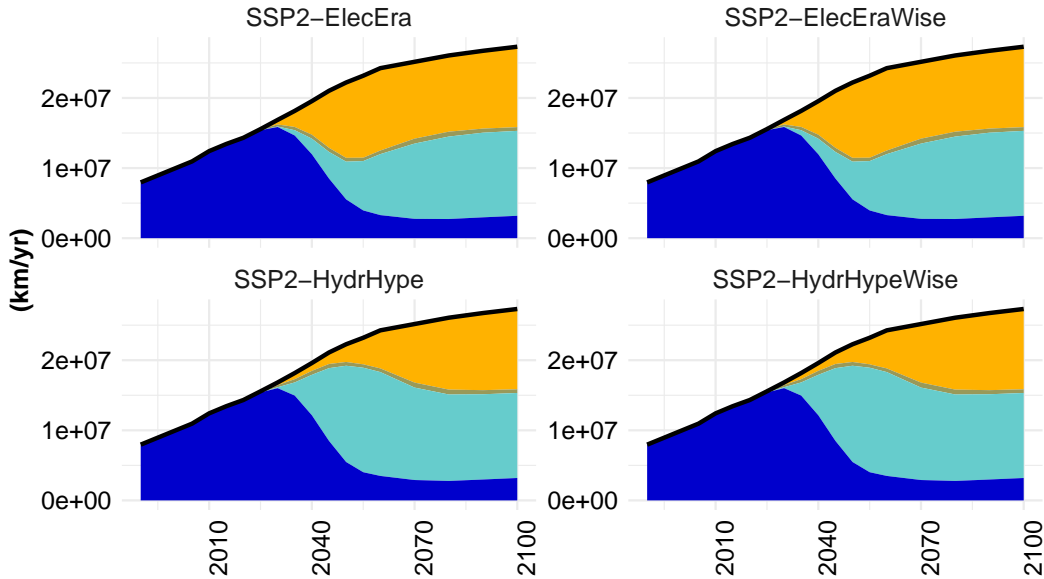


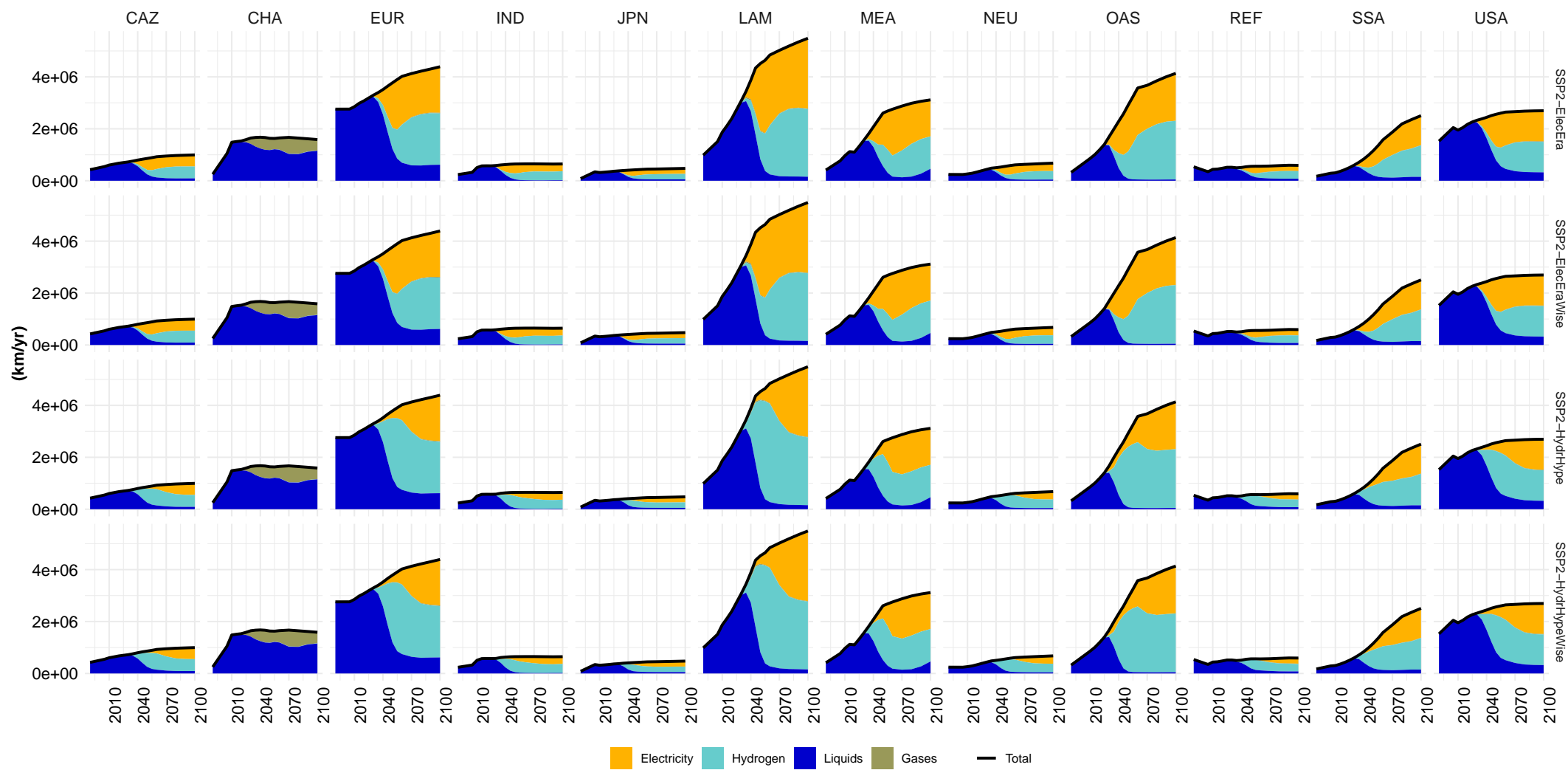
2.6 Busses by technology





2.7 Trucks by technology

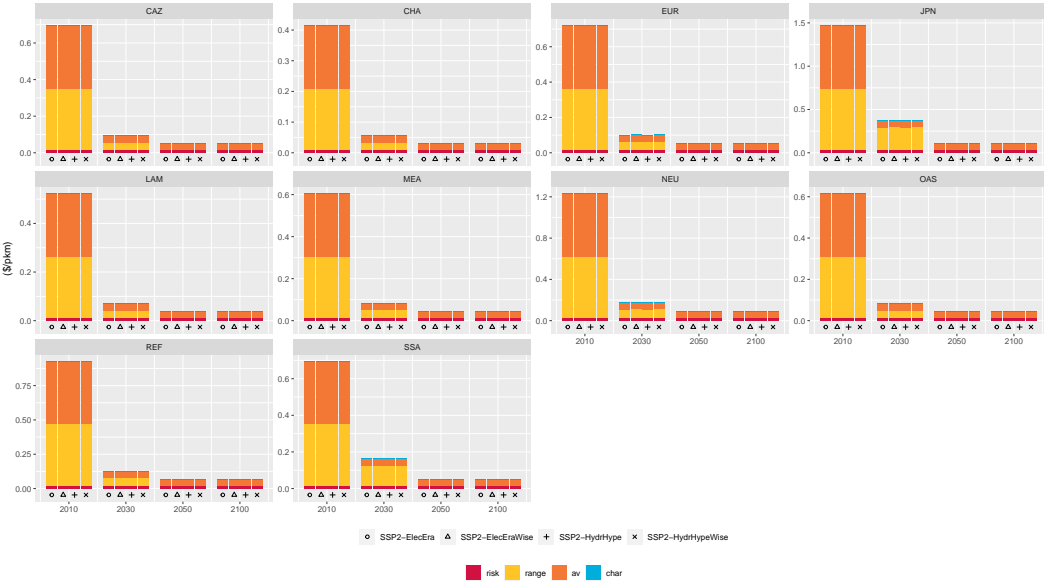




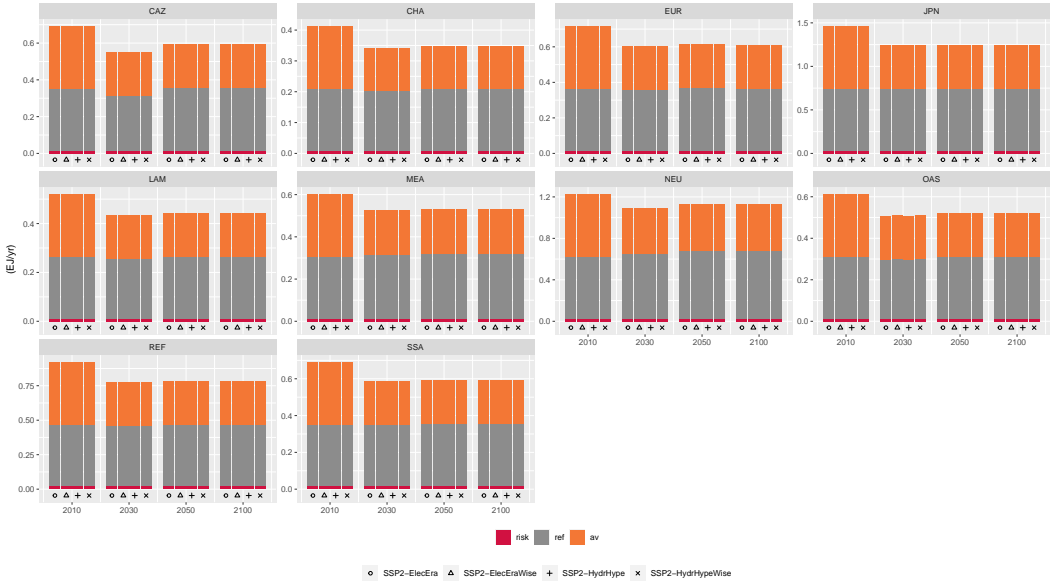
3 Cost trends

3.1 Example large car and SUV

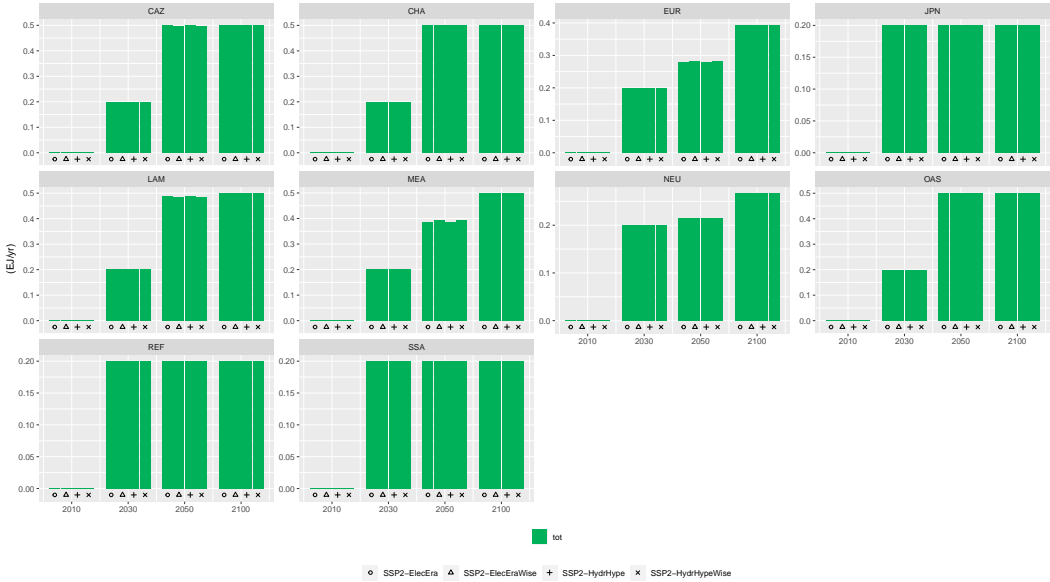
3.1.1 BEV



3.1.2 FCEV



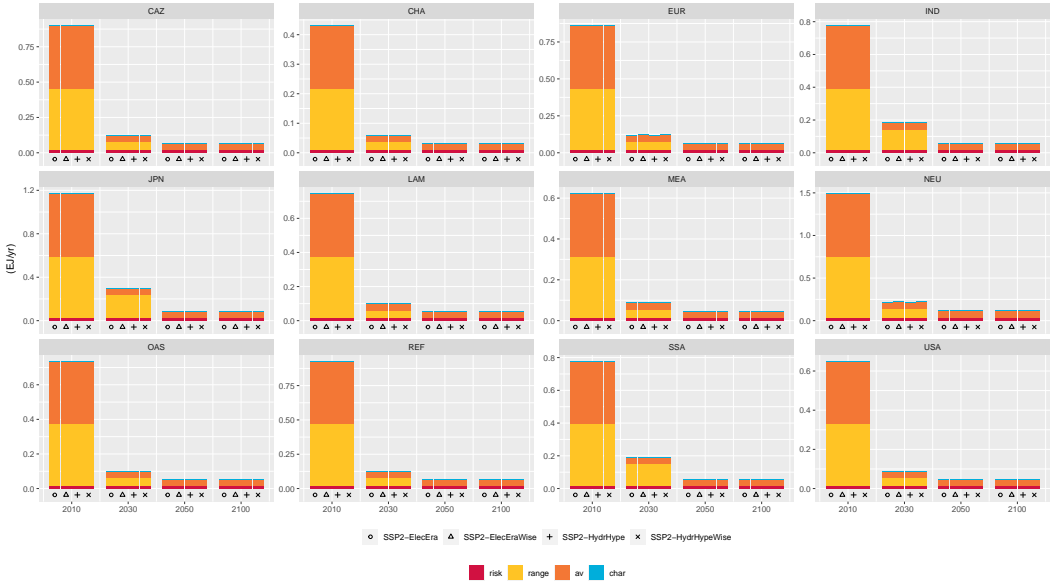
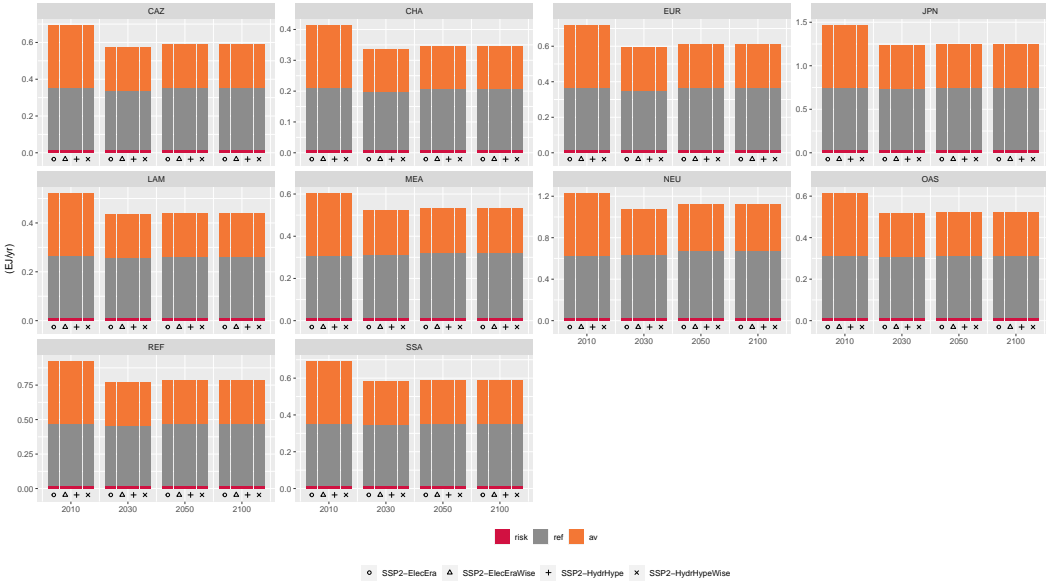
3.1.3 Liquids



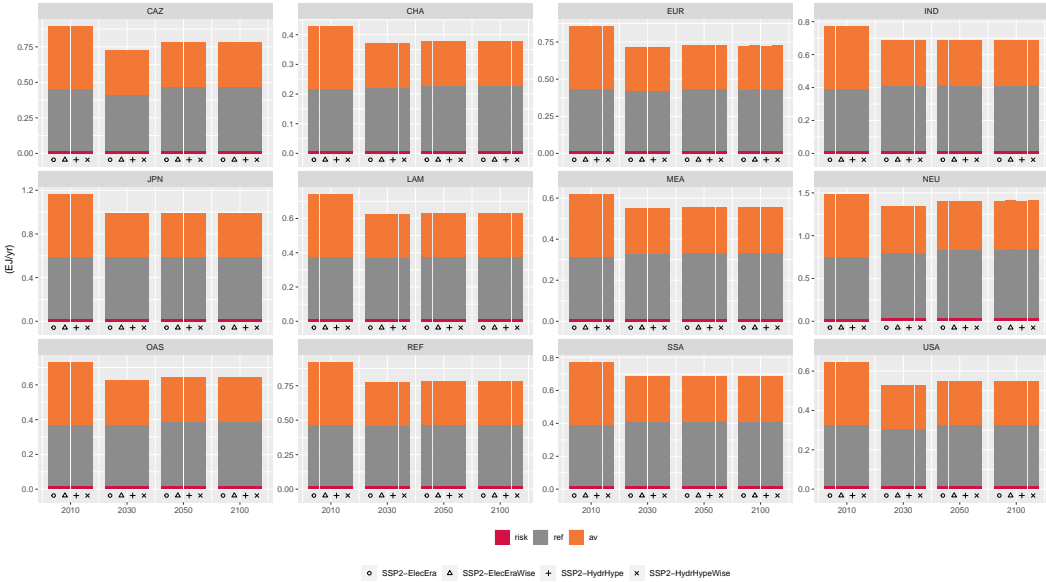
3.1.4 NG

3.2 Example compact car

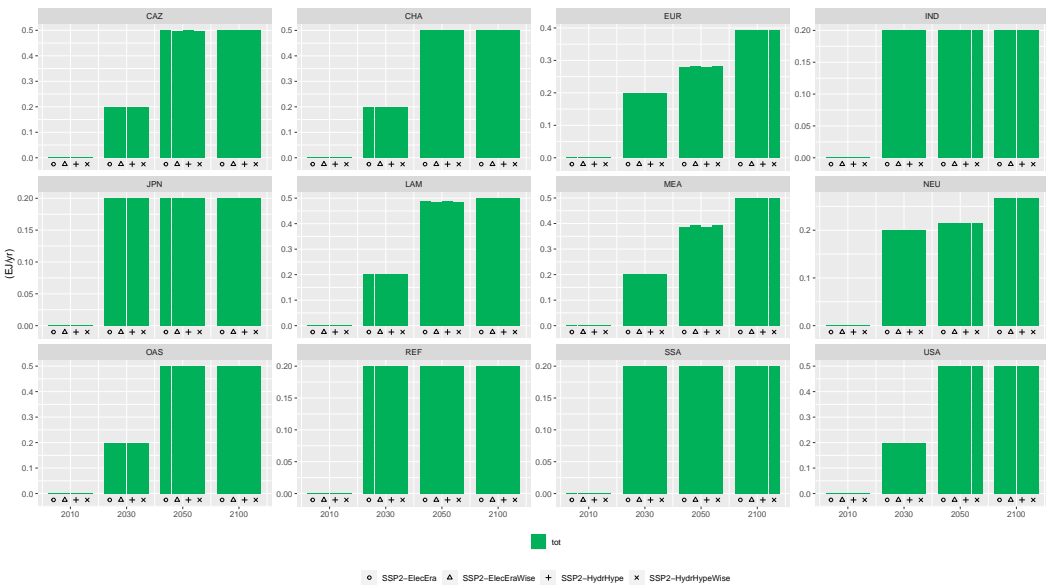
3.2.1 BEV



3.2.2 FCEV



3.2.3 Liquids



3.2.4 NG

