

# Global EV Sales 2010 - 2024

## 1: Regional & Category Trends

### Total EV Stock

5.41bn

Total Value

### Regions Covered

54

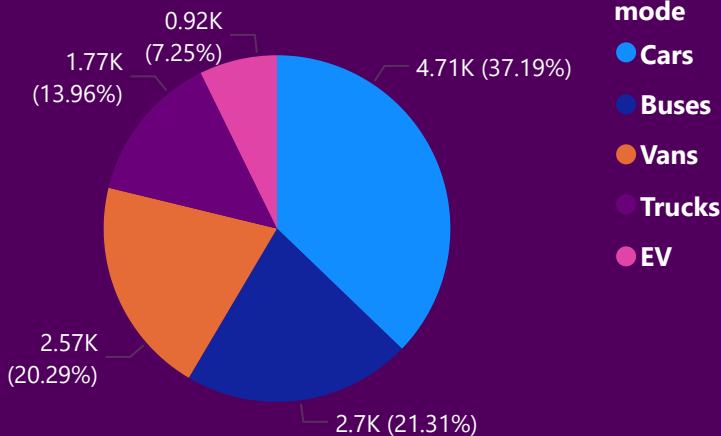
Count of region

category

- ☒ Historical
- ☐ Projection-APS
- ☐ Projection-STEPS

### Total EV penetration by region

Count of region by mode



### Total PHEVs

149.69M

Sum of EV value

### Total BEVs

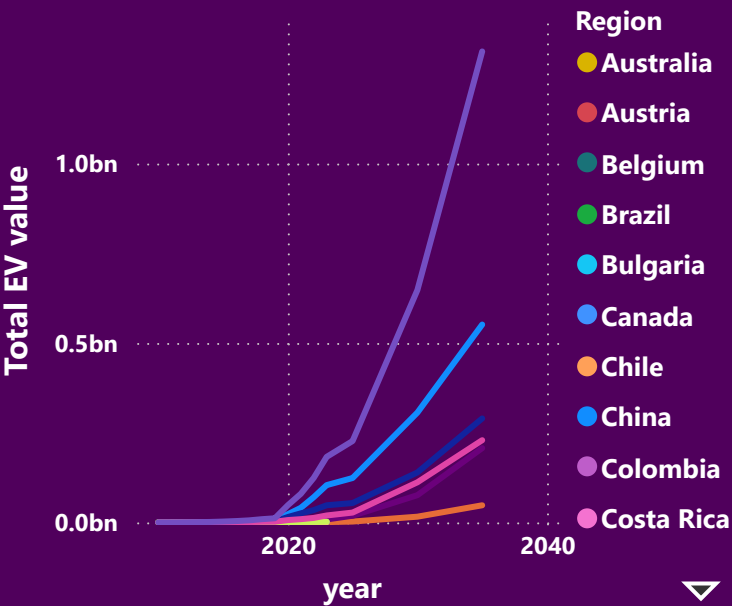
240.09M

Sum of EV value

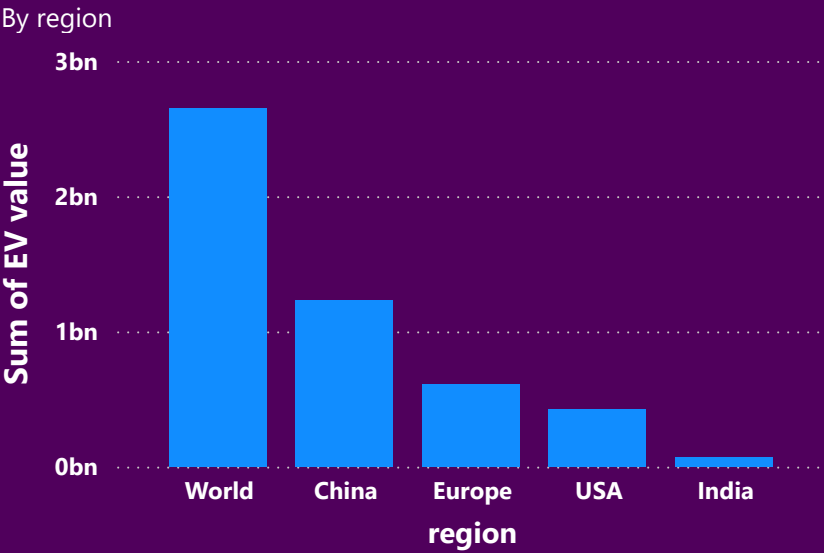
mode

- ☐ Buses
- ☐ Cars
- ☐ EV
- ☐ Trucks

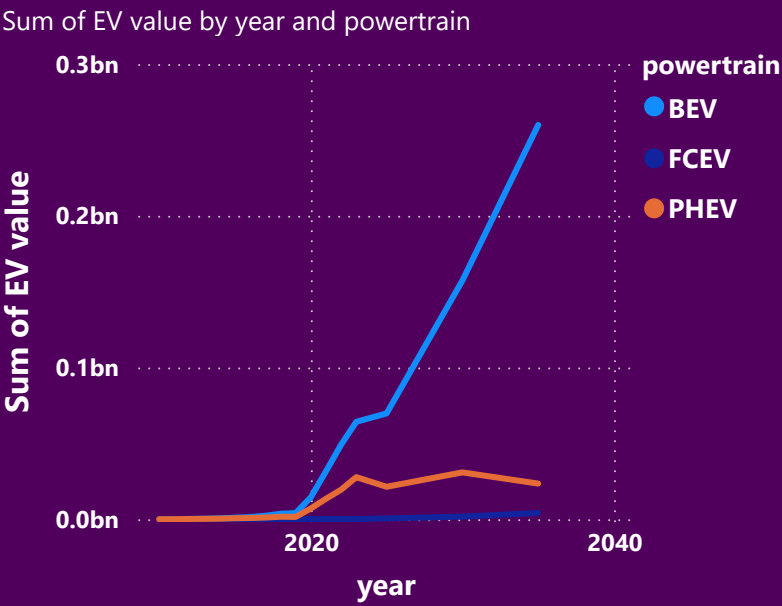
### Total EV value by year and region



### The top 5 regions contributing most to EV adoption



### EV Powertrain Growth Trends

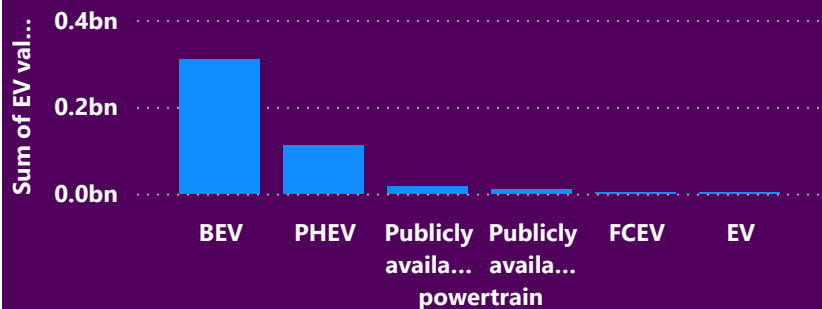


## 2: Powertrain & Mode Insights

### Powertrain Usage Comparison: 2020 vs 2025

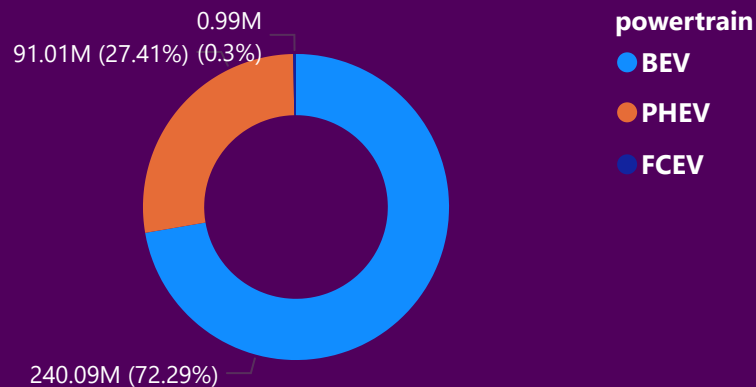
Sum of EV value by powertrain and year

year ● 2025



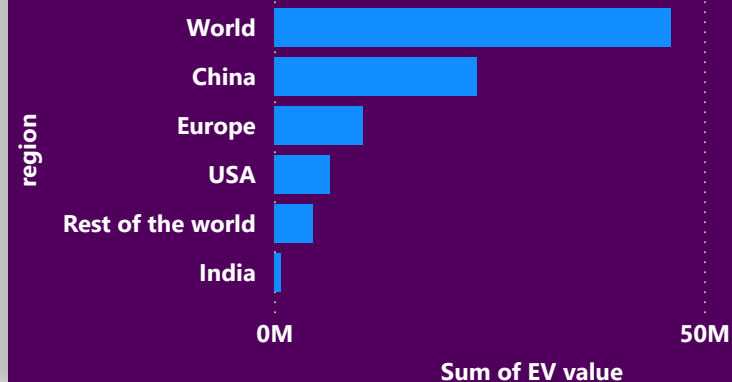
### Distribution of EVs by Powertrain

Sum of EV value by powertrain



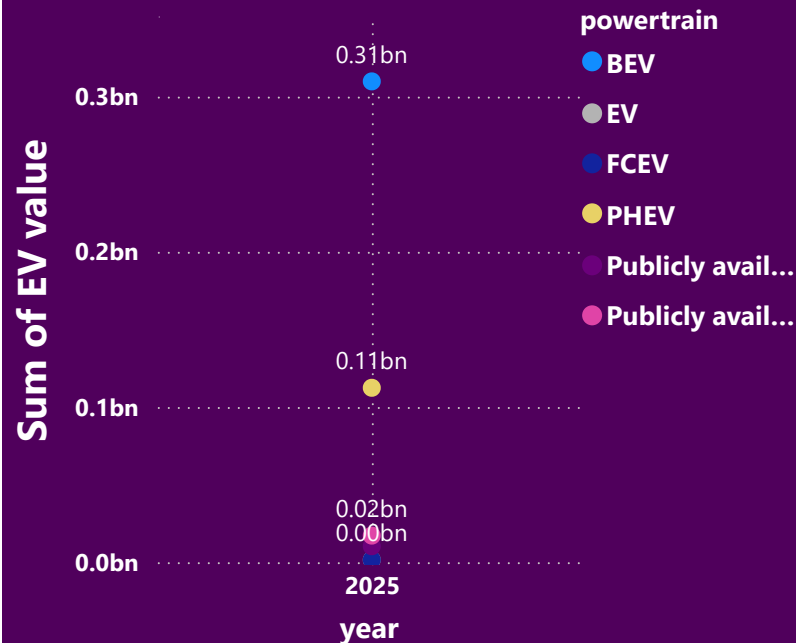
### Recent EV Sales by Region

Sum of EV value by region



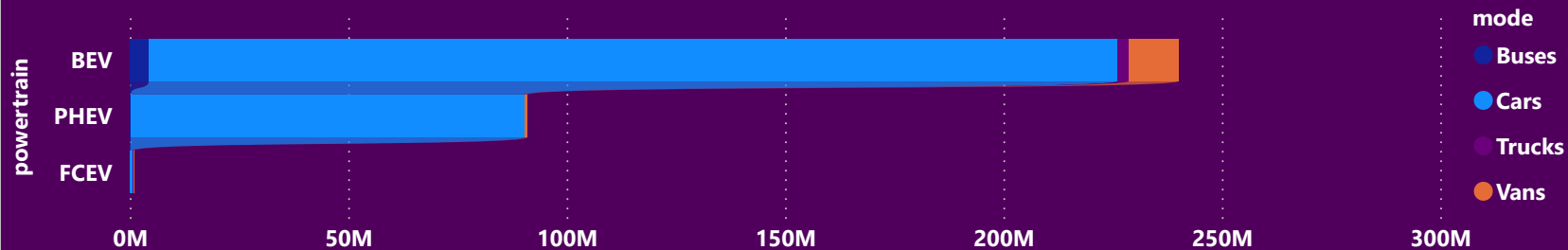
### EV Powertrain Trends Over Time

Sum of EV value by year and powertrain



### Share of modes by powertrain type

Sum of EV value by powertrain and mode



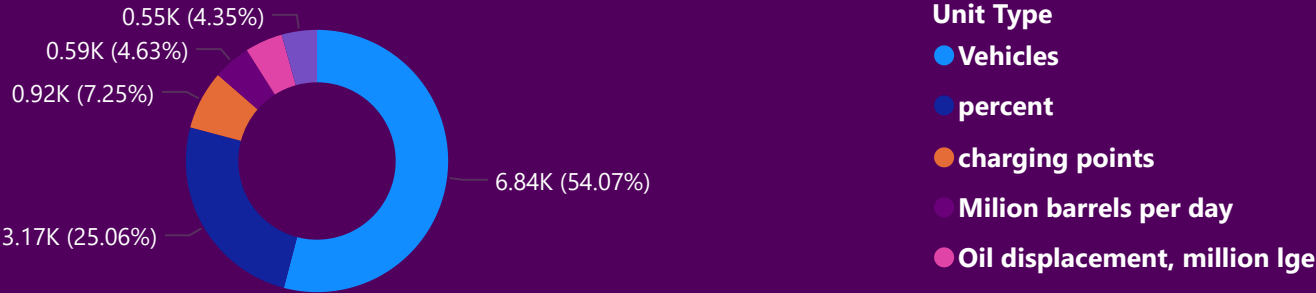
Unit Type	Buses	Cars	EV	Trucks	Vans	Total
charging points	2,74,20,900.00					2,74,20,900.00
GWh	1,11,600.00	8,72,400.00		75,989.00	62,430.00	11,22,419.00
Million barrels per day	0.36	5.61		0.31	0.38	6.67
Oil displacement, million lge	21,450.00	3,27,840.00		18,302.00	22,262.00	3,89,854.00
percent	321.38	349.00		51.86	156.93	879.17
Vehicles	59 13 647 00	39 72 95 188 00		38 73 431 40	1 66 33 802 00	42 37 16 068 40
Total	60,47,018.74	39,84,95,782.61	2,74,20,900.00	39,67,774.58	1,67,18,651.31	45,26,50,127.24

### 3: Parameter & Unit Analysis

parameter	Australia	Austria	Belgium	Brazil	Bulgaria	Canada	Chile	China
Electricity demand								25,9
EV charging points	12,861.00	43,602.00	1,04,469.00	8,275.40		1,10,677.00	2,928.00	8,30,8
EV sales	1,84,404.00	2,21,539.00	4,79,365.00	94,760.00	4,623.00	6,00,846.00	3,877.00	17,33,7
EV sales share	23.46	88.77	233.06	10.38	13.79	97.43	1.47	
EV stock	3,94,428.00	6,50,427.00	12,07,645.00	1,70,187.00		18,15,593.80	10,581.00	97,46,7
EV stock share	2.64	12.94	40.45	1.05		12.14	0.25	
Oil displacement Mbd								
Oil displacement, million lge								
Total	5,91,719.10	9,15,669.71	17,91,752.52	2,73,233.83	4,636.79	25,27,226.36	17,387.73	1,23,45,7

#### Parameter vs Unit Mapping

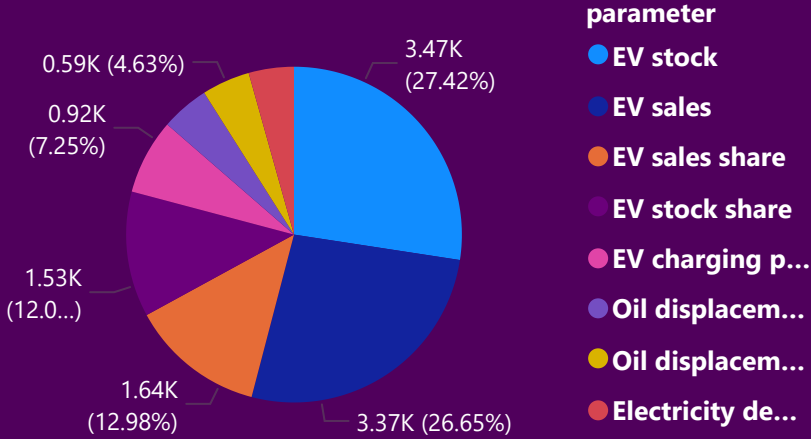
Count of Unit Type by Unit Type and Unit Type



parameter	charging points	GWh	Milion barrels per day	Oil displacement, million lge	percent	Vehicles	Total
Electricity demand		551					551
EV charging points	918						918
EV sales						3372	3372
EV sales share					1642		1642
EV stock						3470	3470
EV stock share					1529		1529
Oil displacement Mbd			586				586
Total	918	551	586	586	3171	6842	12654

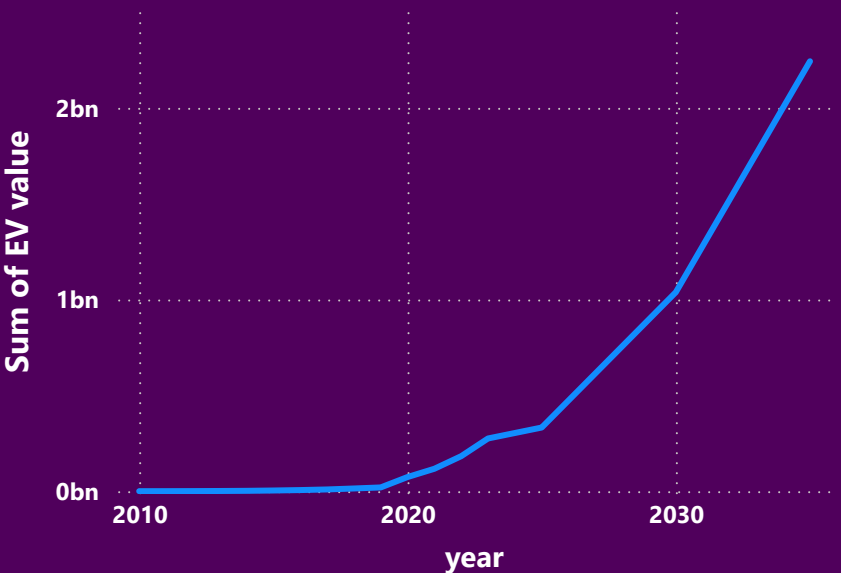
#### Count of parameter

by parameter



#### Global EV Stock Trend by Year

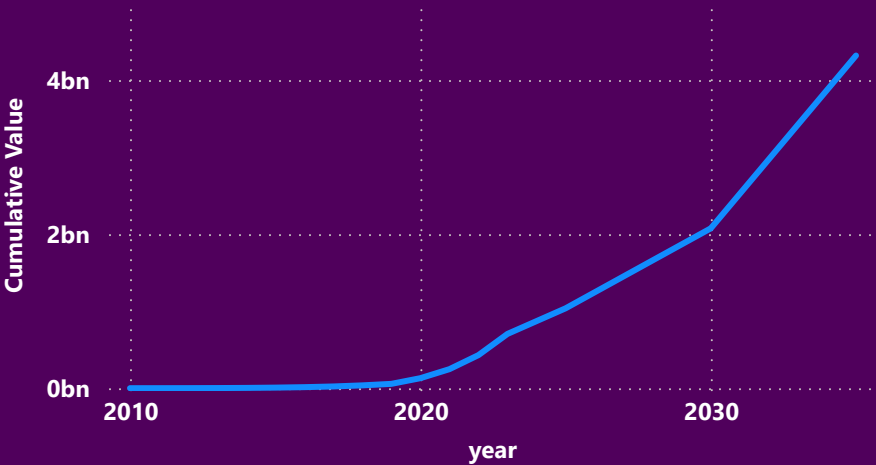
Sum of EV value by year



## 4: Time Series & Comparative Analysis

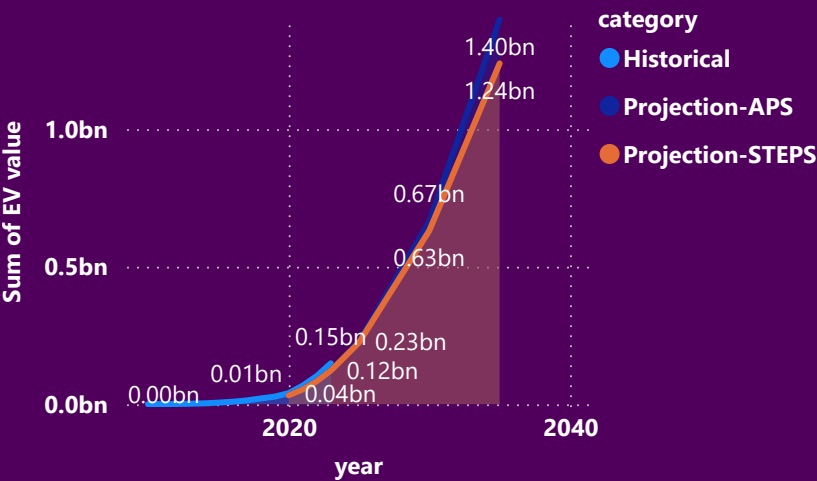
### Cumulative EV Metrics Over Years

Cumulative Value by year



### Year-to-Year Spike by Category

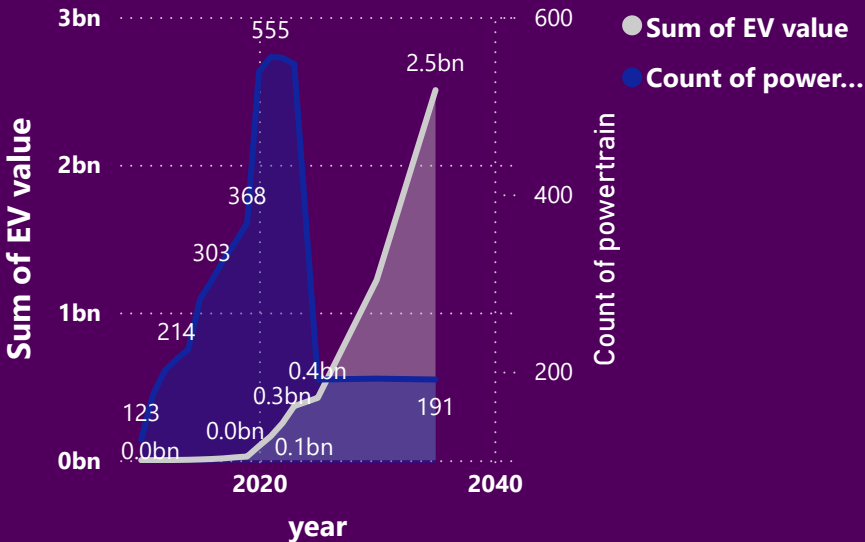
Sum of EV value by year and category



Sum of EV value	Sum of year	region
1,84,404.00	56497	Australia
2,21,539.00	58538	Austria
4,79,365.00	159412	Belgium
94,760.00	108986	Brazil
4,623.00	34327	Bulgaria
6,00,846.00	129165	Canada
3,877.00	50449	Chile
17,33,75,628.00	541996	China
16,023.00	36342	Colombia
8,831.00	18171	Costa Rica
7,557.00	20210	Croatia
2,260.00	18191	Cyprus
34,300.00	30294	Czech Republic
2,70,331.00	179551	Denmark
4,585.00	32311	Estonia
89,44,714.00	272325	EU27
81,60,75,522.30	6811289	

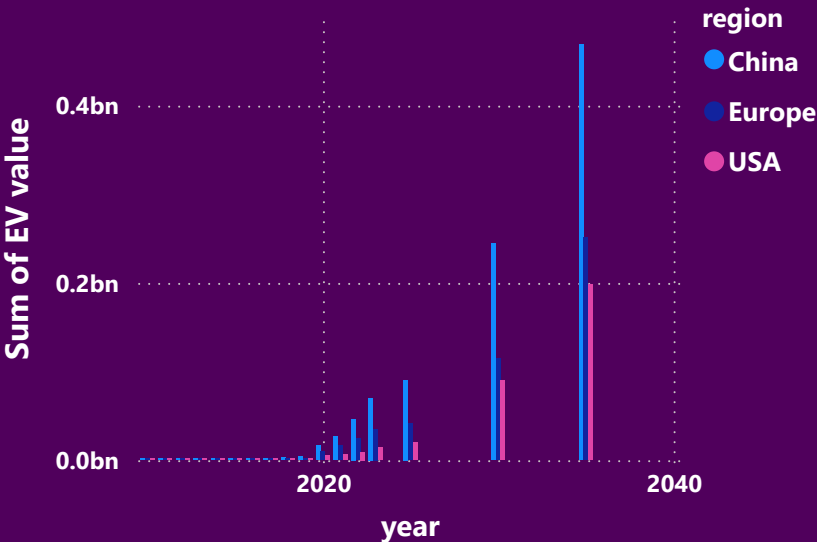
### BEV vs PHEV Trend Over Time

Sum of EV value and Count of powertrain by year



### EV Growth Over Time for Top 3 Regions

Sum of EV value by year and region



### Global EV Stock Trend by Year

Sum of EV value by year and region

