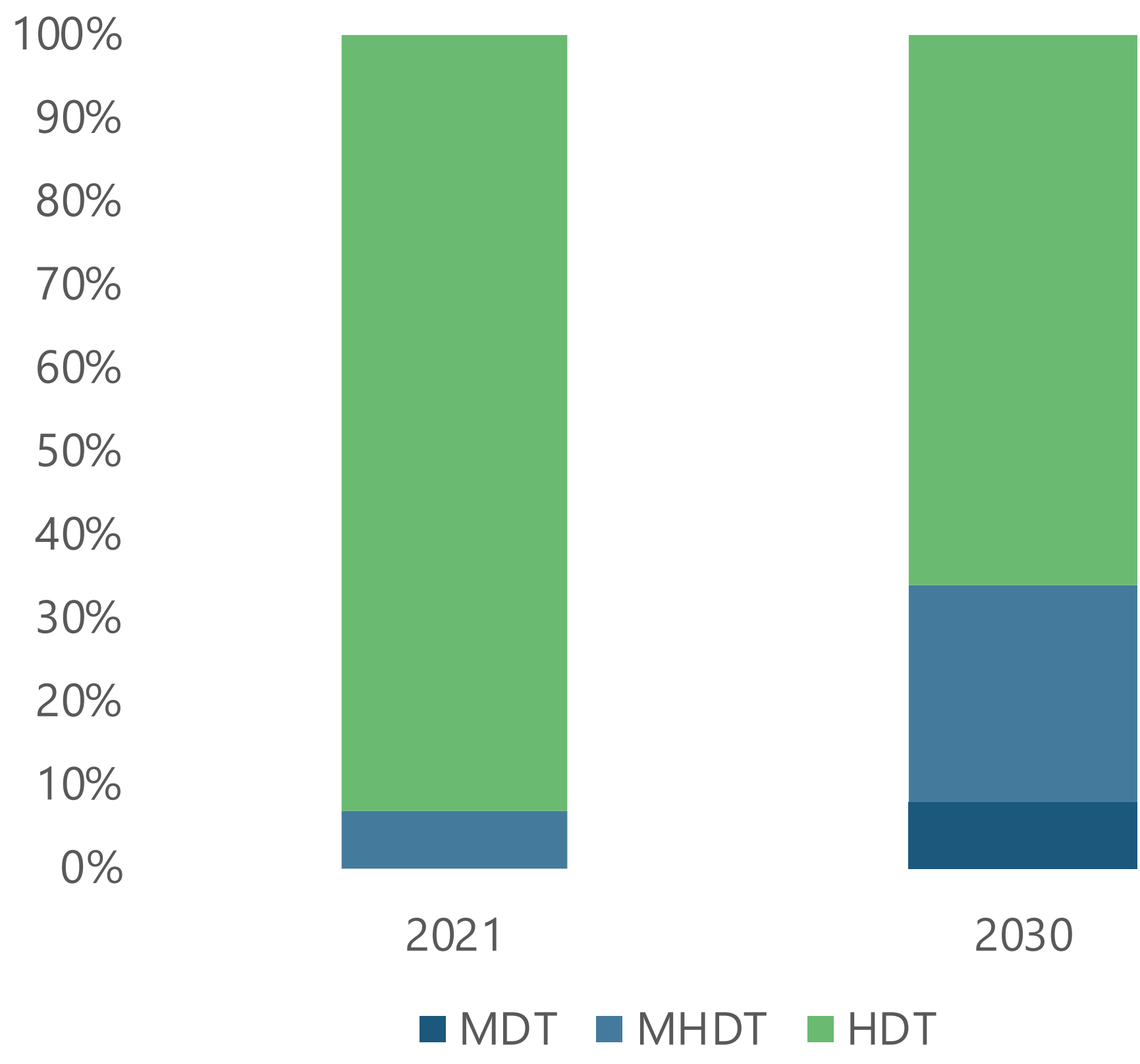
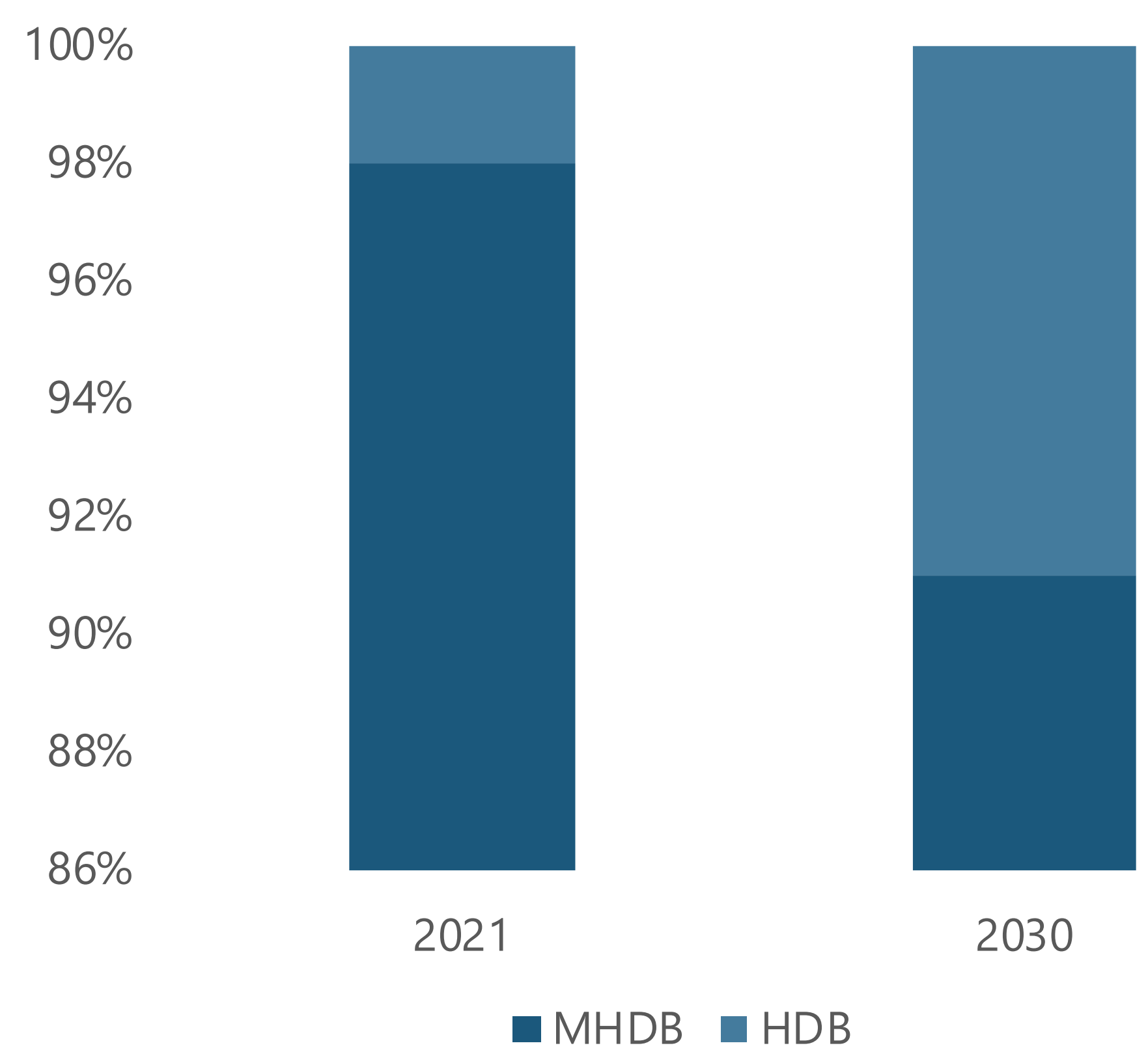


## Rising Popularity of Hydrogen Fuel-cell Technology in Heavy-duty Vehicles

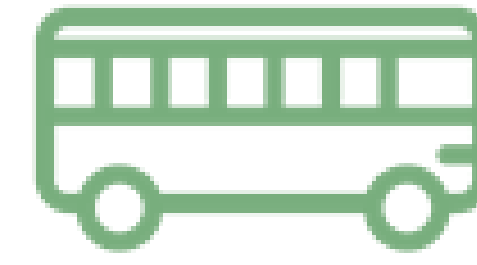
Global FCEV Truck Annual Market According to Weight Segments



Global FCEV Bus Annual Market According to Weight Segments



FCEV trucks are expected to be more popular in the HDTs category, which PTR defines as trucks weighing more than 26 tonnes. PTR defines MHDTs as trucks weighing more than 11.8 tonnes but less than 26 tonnes and MDTs as trucks weighing more than 7 tonnes but less than 11.8 tonnes.



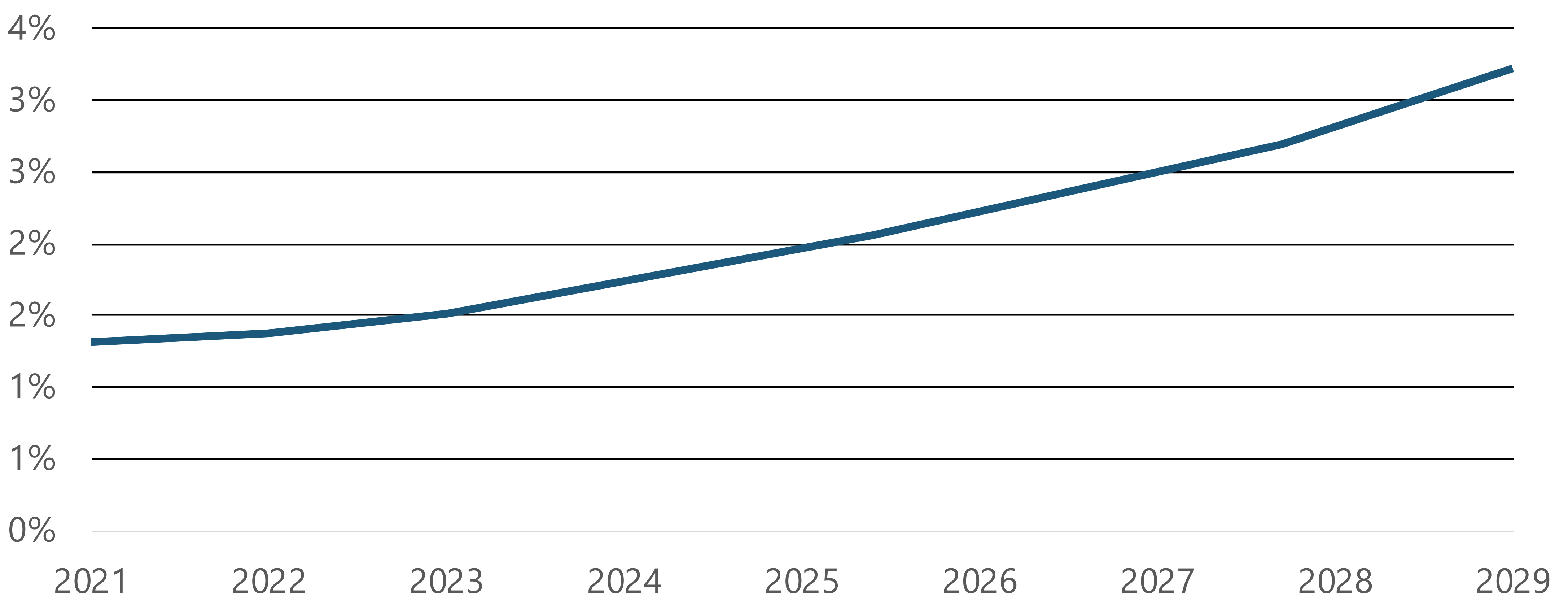
FCEV buses are expected to be more dominant in the MHDB category, which PTR defines as buses weighing more than 11.8 tonnes but less than 20 tonnes. PTR defines HDBs as buses weighing more than 20 tonnes.

Buses and trucks are commercial vehicles, mostly used on highways, for the transportation of goods and passengers.

Globally, heavy-duty vehicles are being electrified due to strict government-level policies regarding global greenhouse gas (GHG) emissions.

Currently, the share of FCEVs in the e-bus and e-truck annual market is around 1%. PTR expects this percentage to rise to around 5% for e-buses and 2% for e-trucks in 2030.

Global share of FCEVs in EVs Annual Market



Share of FCEVs in EVs Annual Market by Region (2030)

