

Heavy Vehicles – Hydrogen

Fuelling these vehicles with hydrogen is a natural next step towards eliminating tailpipe emissions in heavy vehicles as an alternative to electrification. Fuel cells are one way to eliminate tailpipe emissions in articulated HGVs and have some advantages over batteries, such as quicker refuelling times which means range is not an issue.

Level 1
Efforts to increase uptake of hydrogen vehicles are abandoned and the share remains at 10% level 1,

Level 2
20% of HGVs and 20% of buses are fuelled by hydrogen.

Level 3
20% of articulated HGVs and 20% of buses are fuelled by hydrogen.

Level 4
50% of articulated HGVs and buses are powered by hydrogen.

Default Timing Start Year: 2035 End Year: 2050

Sub-Lever	Units	2015	Level 1	Level 2	Level 3	Level 4
HGV Articulated	share	0%	10%	20%	30%	50%
Bus	share	0%	10%	20%	30%	50%

