

# Light Vehicles Hybrid

Light Vehicles refers to cars, vans and Buses. In 2015, almost all of the light vehicles were powered by fossil fuels (petrol or diesel and or LPG/CNG) although other lower carbon alternatives, such as plug-in hybrid electric vehicles are available. They are partly fueled by a battery which is charged in the same way as in a standard EV.

## Key Interaction

Low-carbon electricity must be generated to maximize emissions savings from hybridized transport. If the combined share of all light vehicles fuel types (electric, hydrogen and biofuel) exceeds 100%, the Calculator uses the priority order on the bottom right to determine which levers are applied.

## Level 1

Efforts to increase uptake of PHEVs are abandoned and the share remains 1% at current levels.

## Level 2

2% of cars and vans are PHEVs along with trucks

## Level 3

3%of cars, vans, Buses and trucks are PHEVs

## Level 4

PHEVs become the preferred light vehicle option with 4% of all new vehicle sales being PHEVs from 2025 onwards.

## Default Timing Start Year: 2025 End Year: 2050

Sub-Lever	Units	2015	Level 1	Level 2	Level 3	Level 4
Car	share	0%	1%	2%	3%	4%
LGV	share	0%	1%	2%	3%	4%
HGV Rigid	share	0%	1%	2%	3%	4%

