

Hydrogen to power trains of the future

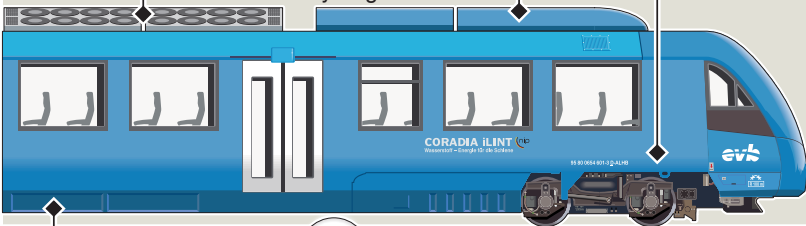
French TGV-maker Alstom has unveiled the world's first passenger-carrying hydrogen-powered train – the two-car Coradia iLint has a range of 600km and can travel at speeds of up to 140km/h

Alstom Coradia iLint: Two-car train with 138 seats plus capacity for 190 standing passengers

Fuel cell: 200kW

Fuel tanks: 99kg of hydrogen at 350bar

Traction motor: Drives wheels for acceleration and braking



Lithium-ion batteries 225kW. Store surplus fuel-cell energy and recover kinetic energy from braking

Fuel cell: Combines hydrogen with oxygen to produce electricity, water and heat

