

**Achieving Carbon Neutrality in Road Transport by 2050:  
Reaffirmation by the Automobile Industry**

In November 2022, as global policymakers prepared to gather at the COP27 United Nations Climate Change Conference in Egypt, the International Organization of Motor Vehicle Manufacturers (OICA) released a position paper titled “Carbon Neutrality by 2050,” a comprehensive framework of specific policy recommendations to support the decarbonization of road transport.

For automakers around the world, decarbonizing road transport is a shared goal to which they are committed. However, as the OICA framework emphasizes, there is a need for flexibility through **multiple, technology-open approaches** in order to provide **practical and sustainable pathways** to carbon neutrality by 2050 **for all nations**. In order to achieve carbon neutrality, measures to reduce CO<sub>2</sub> emissions from **new vehicles**, and also from **in-use vehicles**, must be pursued. To that end, it is important that technologies be advanced across a spectrum; for **zero-emission vehicles** (ie. **battery** and **fuel cell electric vehicles**) which emit no direct CO<sub>2</sub>, and for internal combustion engine-equipped vehicles powered by CO<sub>2</sub>-offsetting energy such as **carbon-neutral fuels**.

Regardless of the technologies adopted, achieving decarbonization within the 2050 timeframe depends on **government and industry partnerships** and continued **investment commitments from the entire road transport ecosystem for reliable infrastructure and resilient supply chains**.

As representatives of the global automobile industry, taking into consideration the current global geo-political and socio-economic situation, we believe that this reaffirmation to achieve carbon neutrality in our sector by 2050 is timely.

OICA’s “Carbon Neutrality by 2050” can be accessed [here](#).

Endorsing organizations (informal group):

European Automobile Manufacturers’ Association ([ACEA](#))

Italian Association of the Automotive Industry ([ANFIA](#))

Alliance for Automotive Innovation ([Auto Innovators](#))

Global Automakers of Canada ([GAC](#))

Japan Automobile Manufacturers Association ([JAMA](#))

Filière Automobile & Mobilités ([PFA](#))

Society of Motor Manufacturers and Traders ([SMMT](#))

German Association of the Automotive Industry ([VDA](#))

Note: We welcome an expanded partnership with like-minded industry associations. If interested, please link to any of the associations underlined above.