International ZEV Alliance
2022 Annual Assembly

16-19 May 2022

Hosted by the German Ministry for Economic Affairs and Climate Action
Pre-Assembly eHighway tour in Frankfurt

Above: Presentation from Autobahn Gmbh at the House of Logistics and Mobility in Frankfurt am Main

Right: ZEV Alliance group visiting a Scania catenary truck at the eHighway Frankfurt-Darmstadt test site
Tour of Berlin’s sustainable transport aboard a retrofitted electric bus

The ZEV Alliance discussed transport emission reduction with the Borough Mayor of Friedrichshain-Kreuzberg, visited the Jelbi sharing and charging hub (right), and toured the BVG electric bus charging depot (bottom-left).
At the business meetings in Berlin, attendees discussed:

- Member successes and challenges in 2021
- Communications strategy
- Engagement at events
- Opportunities for ZEV Alliance growth
- Focus areas for 2023
Global light-duty ZEV sales more than doubled in 2021

Light-duty vehicles

Global: +107%
China: +150%
N. America: +97%
Europe: +66%
Heavy-duty ZEV sales remain focused in China
IZEVA members passed 1 million annual sales in 2021.
Rate of growth increases for 3rd consecutive year.

Zero emission vehicle sales in IZEVA jurisdictions:
- Germany Baden-Württemberg
- Germany Other
- Netherlands
- United Kingdom
- Costa Rica
- U.S.A. Maryland
- U.S.A. California
- U.S.A. Massachusetts
- U.S.A. New Jersey
- U.S.A. Oregon
- Costa Rica
- Chile
- Canada Other
- Canada British Columbia
- Canada Québec
- U.S.A. Connecticut
- U.S.A. New York
- U.S.A. Washington

Sales growth:
- + 47%
- + 57%
- + 65%
Members have enacted diverse policies in the past year. ZEV regulations, Incentives, and Infrastructure programs are the most active areas.
Targets are increasingly becoming binding policies

- **Canada, United Kingdom**: ZEV regulations announced to support 2035 100% ZEV targets

- **California**: Advanced Clean Fleets, Advanced Clean Cars II both nearing finish line

- 6 IZEVA states (*CA, MA, NJ, NY, OR, WA*): Adopted Advanced Clean Trucks (*CT, MD* rulemaking in progress)

- **Chile, New Zealand**: Strong new CO$_2$/efficiency standards
IZEVA research: 22 completed focus areas from 2015-2021

2022 focus areas:
- Heavy-duty charging solutions
- EJ impacts of ZEVs
- Battery reuse and recycling

2015-2021
- Oakland Meeting
- NYC Launch
- Paris COP21
- Montréal Assembly
- Amsterdam Assembly
- Stuttgart Roundtable
- Bonn COP23
- California Summit
- London Assembly
- Katowice COP24
- New York Assembly
- Virtual Assembly
- Virtual Assembly
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Charging ecosystem
- Setting 100% ZEV targets
- ZEV supply dynamics
- Deploying zero-emission freight
- ZEVs beyond early adopters
- Smart charging infrastructure
- Funding full transition to ZEVs
- Accelerating ZEVs in shared fleets
- Fast charging best practices
- Electrifying non-road transport
- Hydrogen infrastructure practices
- Charging infrastructure practices
- Zero-emission heavy-duty vehicles
- Consumer outreach best practices
- Utility ZEV best practices
- Evolution of incentives
- Next-generation ZEV technology
- Principles for incentive design
- ZEV role in climate mitigation
- Collaborative agenda

Used ZEV market
- Electrifying fleets
- Charging ecosystem
- Deploying zero-emission freight
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- Fast charging best practices
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The ZEV Alliance visited the body shop (left) and the Assembly Hall (right) of the EV manufacturing plant. After that Volkswagen Saxony's CFO presented the plant and its transition from only manufacturing ICEs to manufacturing both ICEs and EVs and finally only manufacturing EVs.
The ZEV Alliance was proud to support the ITF side event “Zero Emission Trucks Are Coming!” hosted by the Global Commercial Drive to Zero program featuring interactive problem-solving on the barriers to zero-emission trucks.
Thank you to our hosts, attendees, and guests!

Auf Wiedersehen!
For more information on the ZEV Alliance, please visit [www.zevalliance.org](http://www.zevalliance.org) or email secretariat@zevalliance.org.

The ZEV Alliance Secretariat is managed by the International Council on Clean Transportation. The ZEV Alliance is supported by its members (Baden-Württemberg, British Columbia, California, Canada, Chile, Connecticut, Costa Rica, Germany, Maryland, Massachusetts, Netherlands, New Jersey, New Zealand, New York, Norway, Oregon, Québec, Rhode Island, United Kingdom, Vermont, and Washington) and the ClimateWorks Foundation.