

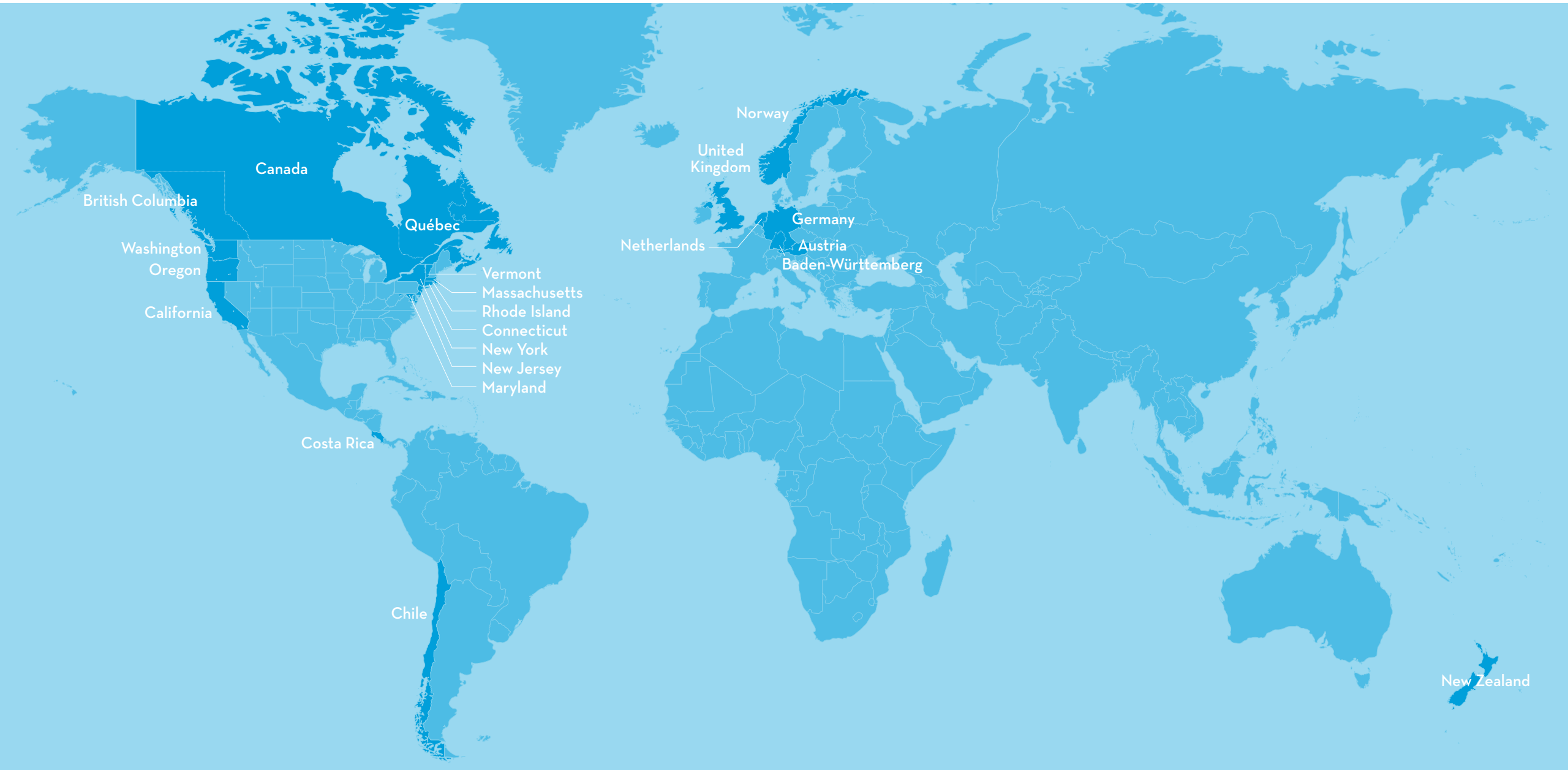
# International ZEV Alliance 2023 Annual Assembly

*June 14–16, 2023 / Sacramento, California*

*Hosted by the State of California*



# The ZEV Alliance: a partnership of 22 governments



# ZEV Alliance events since our last Assembly

  
**EVS35**  
OSL2022



**June 2022:** EVS35 | Oslo, Norway:  
NZ joins ZEV alliance, lunch meet-up

  
**CLIMATE WEEK  
NYC**



**Sept 2022:** Climate Week | NYC:  
ZEV Community event

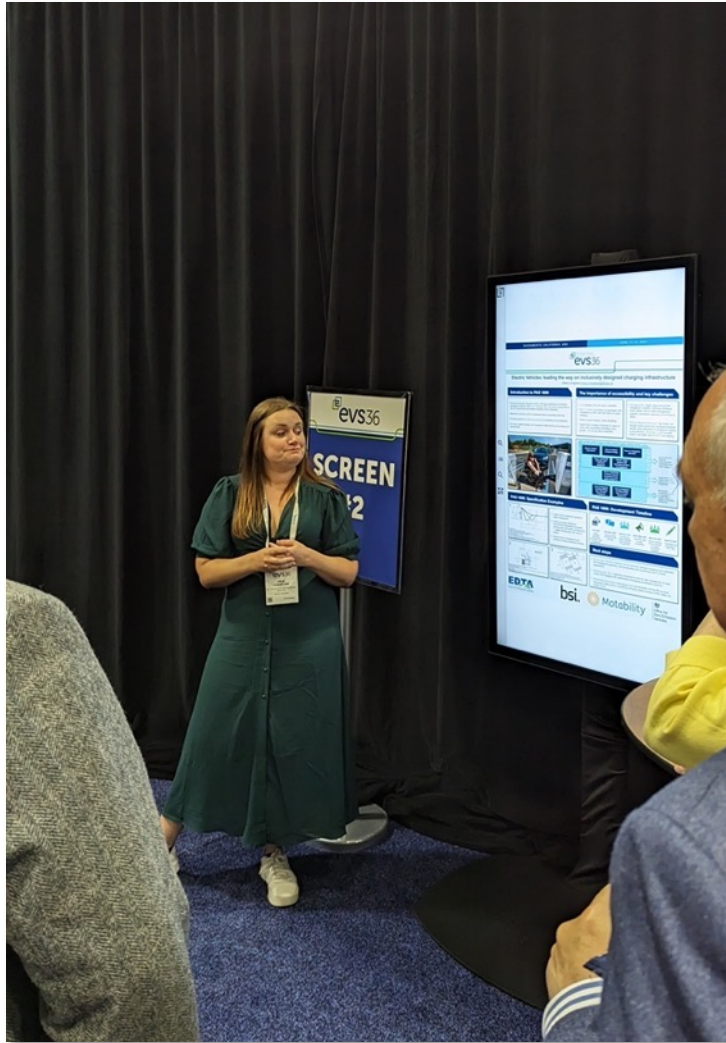
  
**COP27**  
SHARM EL-SHEKH  
2022 EGYPT



**Nov 2022:** COP 27 | Sharm el-Sheikh, Egypt:  
Canada/IZEVA side event



# ZEV Alliance at EVS36





# The ZEV Alliance goes to school!

The ZEV Alliance visited Twin Rivers School District and the largest electric school bus fleet in the United States to learn about procurement, infrastructure, and the benefits for drivers and students alike.





# ZEVs for workforce training and community engagement

At the [California Mobility Center](#), the ZEV Alliance learned about a unique partnership to develop a pipeline for ZEV skills for local companies while also providing jobs for underserved communities, including refugees.





# Getting down to business



Over two days of business meetings, ZEV Alliance members discussed:

- Policy wins and priorities for the next year
- Breakout groups on ZEV infrastructure and fiscal policy
- Collaboration with other partnerships
- New communications strategy
- Participation at COP 28 and other events

# Early 2023: Over 20 million light-duty BEVs sold worldwide

2022:

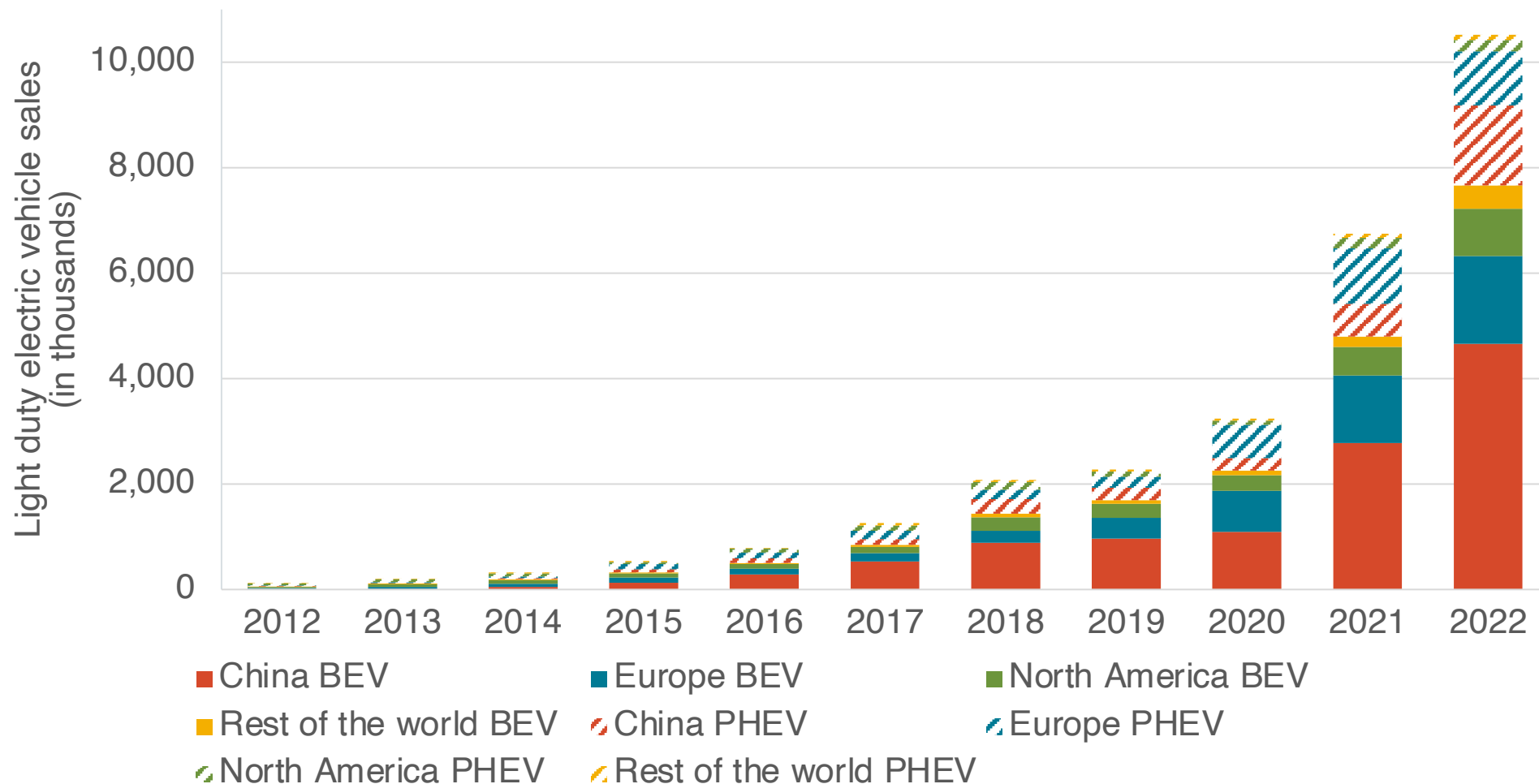
China: 20% BEV +  
7% PHEV

Europe<sup>1</sup>: 13% BEV +  
8% PHEV

USA: 6% BEV + 1%  
PHEV

Canada: 5% BEV +  
2% PHEV

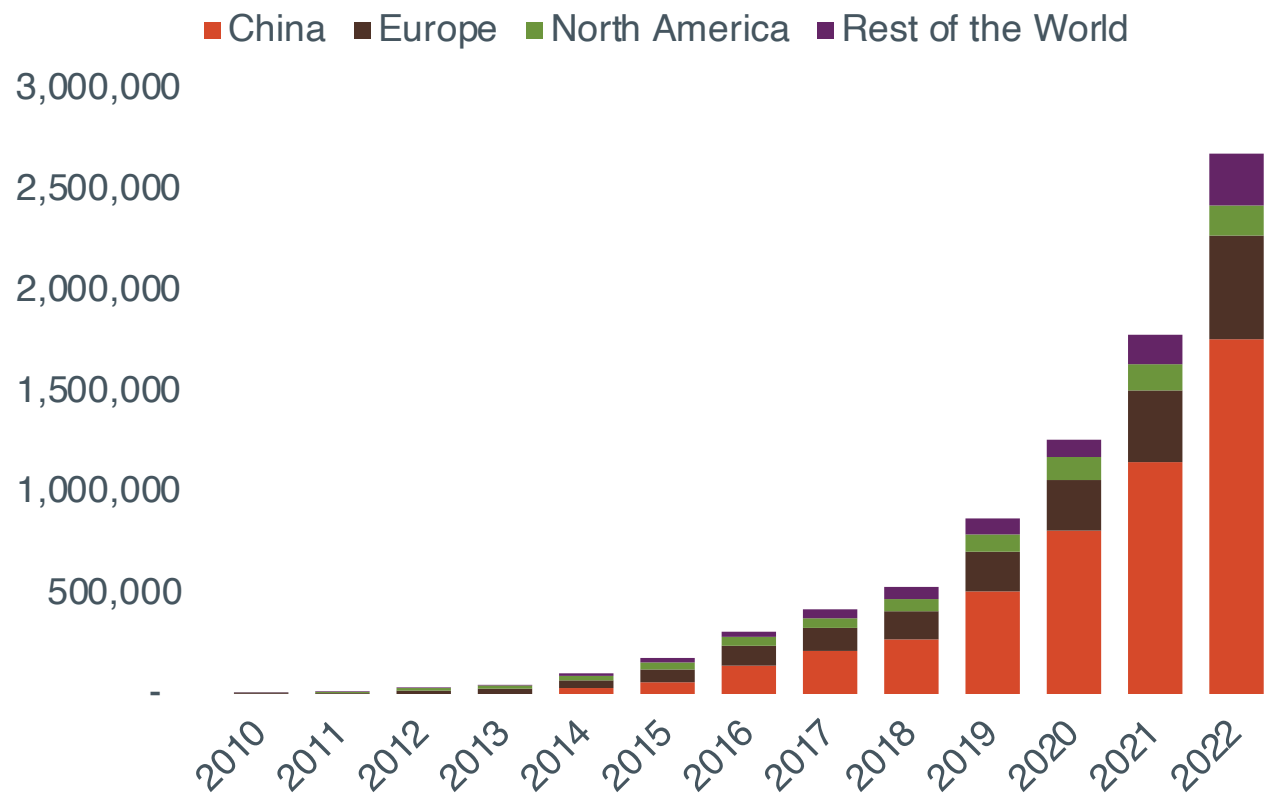
<sup>1</sup>EU+EFTA+UK





# Over 2.5 million public chargers installed through 2022, with wide geographic disparities

- Charging infrastructure continues to grow globally, but this growth is mainly driven by leading markets in China, followed distantly by Europe and North America
- Includes 1.8 million AC chargers (56% in China) and 900,000 DC fast chargers (84% in China)
- 288,000 new public installations outside of China in 2022 (compared to 3 million new BEVs + 1.3 million new PHEVs)



IEA Global EV Explorer 2023: <https://www.iea.org/data-and-statistics/data-tools/global-ev-data-explorer>

# A huge year for binding ZEV regulations

## Light-duty:

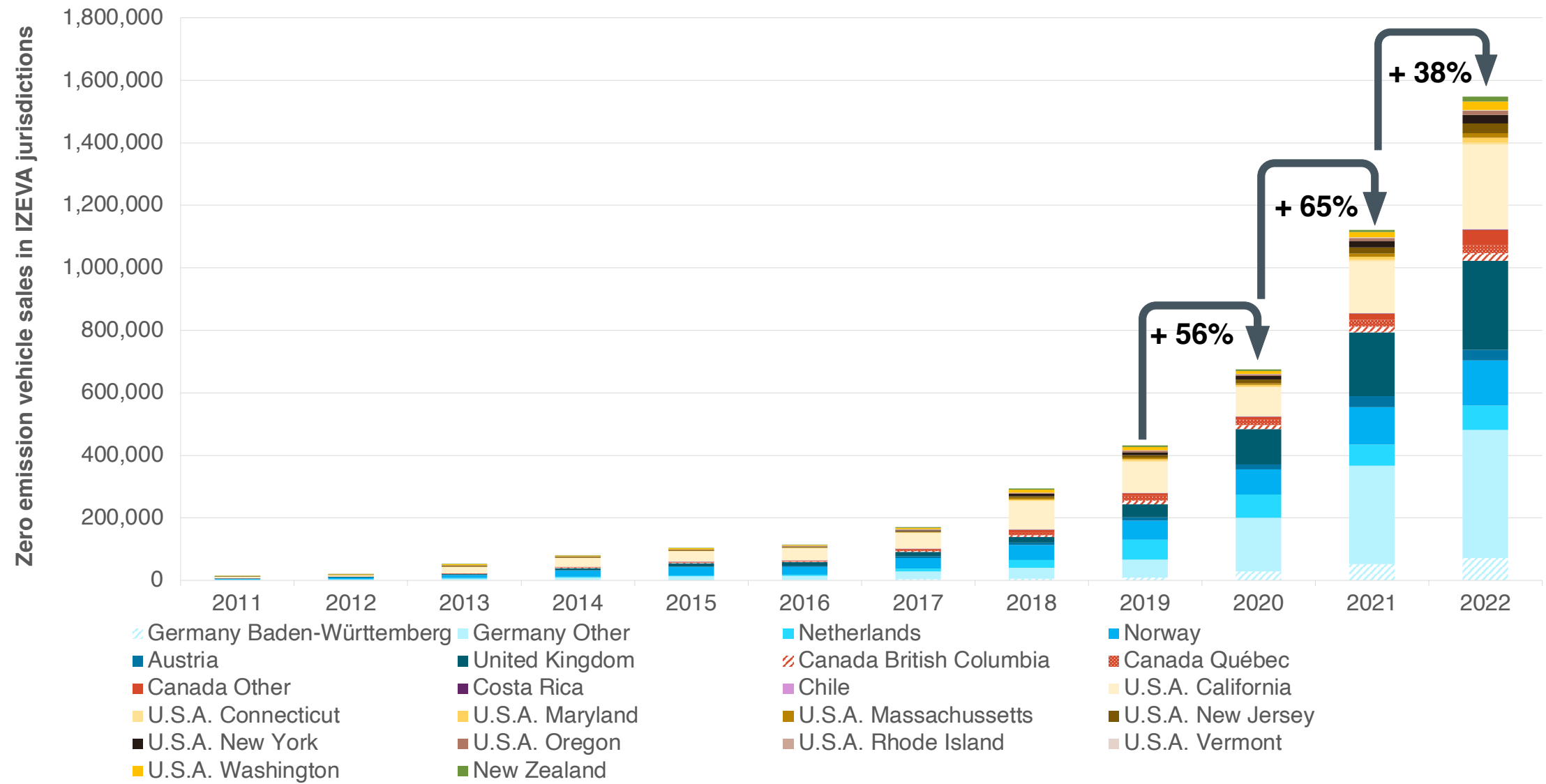
- **EU** CO<sub>2</sub> standard proposal (100% ZEV 2035)
- **US** CO<sub>2</sub> standard proposal (~67% ZEV 2030)
- **UK** ZEV mandate proposal (80% ZEV 2030)
- **California** Advanced Clean Cars II *final* (100% ZEV 2035)  
+ **WA, OR, NY, VT, VA, MA, MD**
- **Québec** ZEV standard proposal (100% ZEV 2035)

## Heavy-duty:

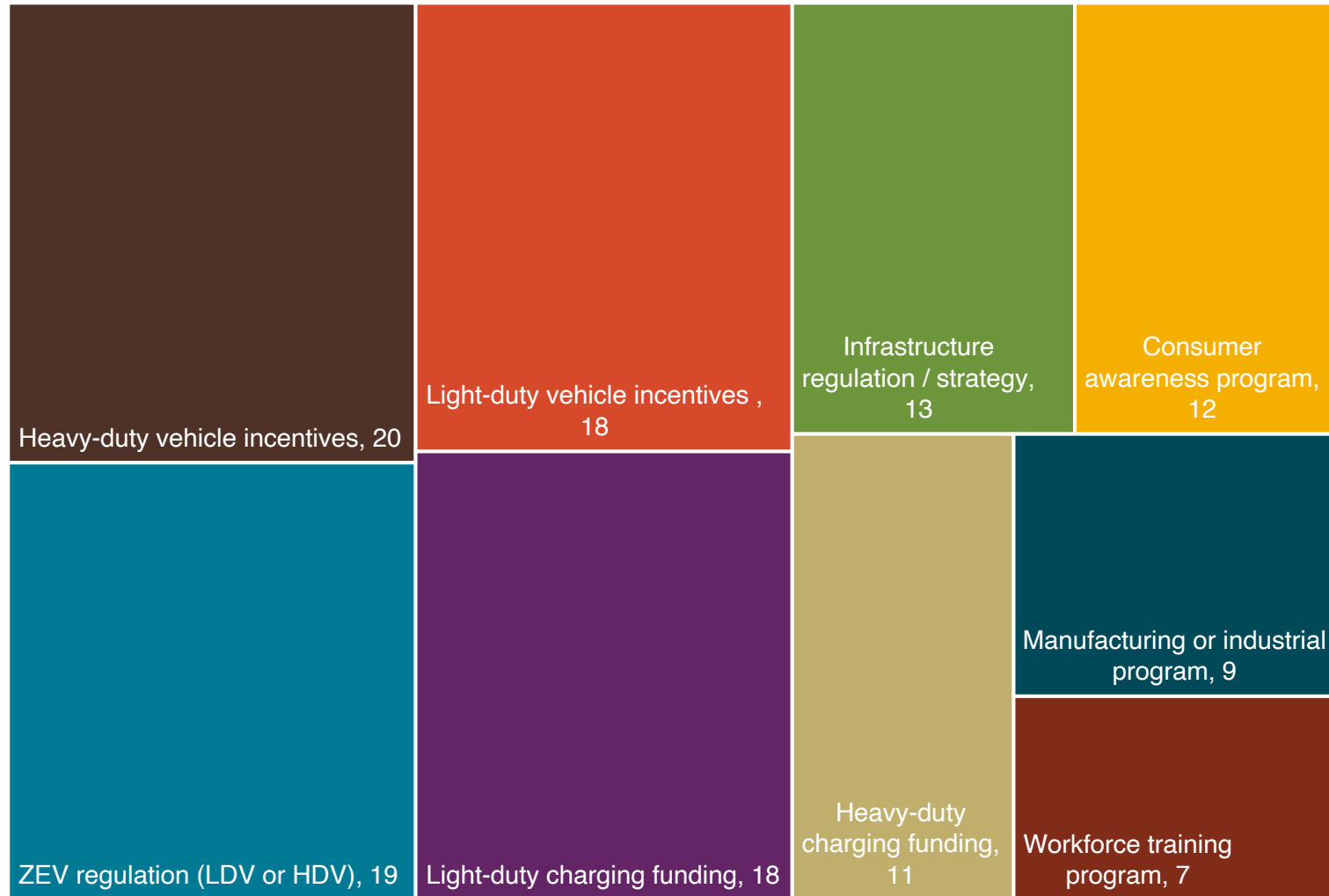
- **EU** CO<sub>2</sub> standard proposal (90% reduction 2040)
- **US** Phase 3 GHG proposal (25%–50% ZEV 2032)
- **California** Advanced Clean Fleets *final* (100% ZEV 2036)
- **VT, CT, MD, CO**: Adopted Advanced Clean Trucks (40–75% ZEV 2035)



# ZEV Alliance members registered 1.5 million new light-duty BEVs in 2022 (plus 625,000 PHEVs)



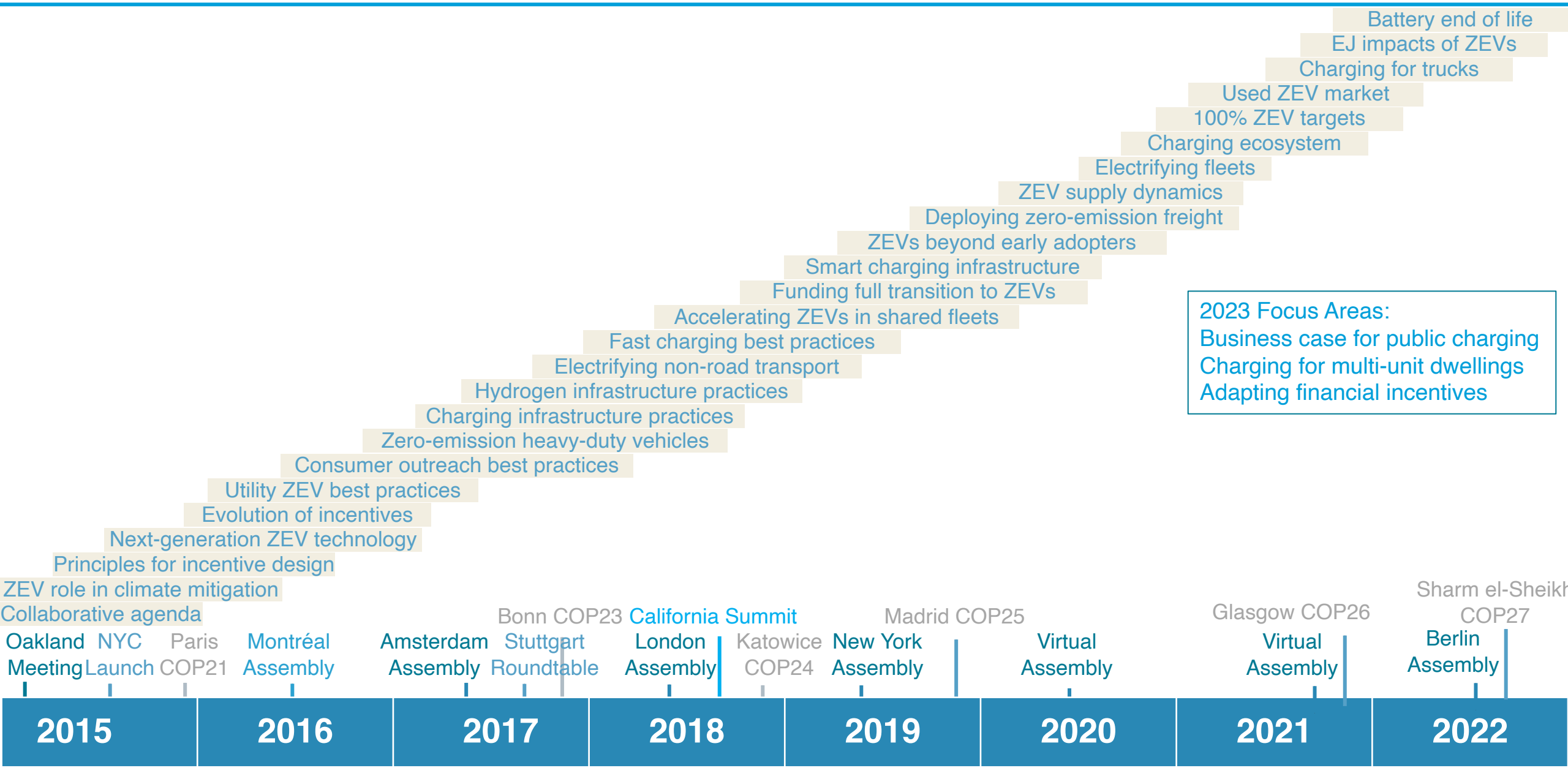
# Policy development highlights 2022–mid 2023



- Most policy development seen in 2022– mid-2023 :
  - Incentives (LDVs and HDVs)
  - ZEV regulations (LDVs and HDVs)
  - Funding programs for LDV charging
- 13 IZEVA members developed regulations or strategies for charging infrastructure.



# IZEVA research: 25 completed focus areas from 2015–2022



# We'll see you in 2024 for Assembly #10!



Montréal



London



Berlin



New York Launch



Amsterdam



New York

Virtual  
Assembly

Virtual  
Assembly



Sacramento

2015

2016

2017

2018

2019

2020

2021

2022

2023



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

The ZEV Alliance Secretariat is managed by the International Council on Clean Transportation. The ZEV Alliance is supported by its members (Austria, 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.

