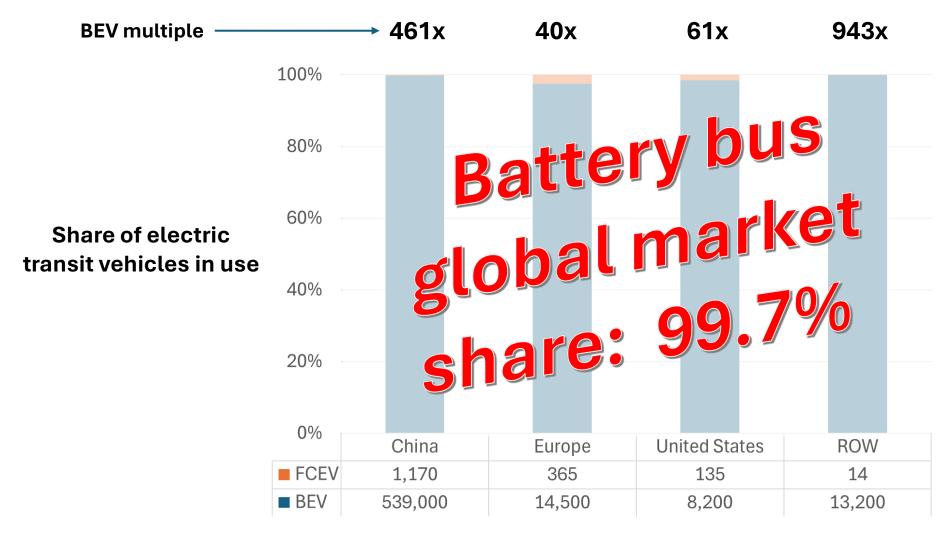
#### **Battery Buses Dominate Global Markets**



**Units in Use by Geographic Market** 

Source: IEA

### The status of FCEV pilots worldwide

| City        | Start-End | # Vehicles |
|-------------|-----------|------------|
| Mallorca    | 2023-24   | 85         |
| Liverpool   | 2023-24   | 20         |
| Quebec City | 2018-24   | 50         |
| Montpellier | 2019-23   | 51         |
| Weisbaden   | 2021-23   | 10         |
| Pau         | 2019-23   | 12         |
| Bolzano     | 2021-22   | 16         |
| Whistler    | 2010-14   | 20         |

Source: News reports; David Cebon; Paul Martin; Michael Barnard.

# TTC unveils first of 340 new battery-electric buses

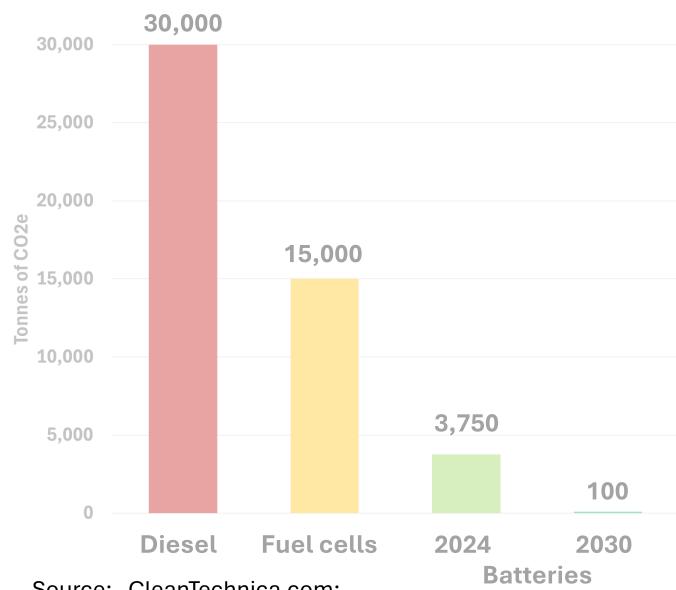
CBC News · Posted: Sep 27, 2024 1:53 PM EDT | Last Updated: September 27



TTC set to have largest battery-electric fleet in North America

#### **Annual Fleet-wide Emissions**

## **Total Emissions (to 2030)**



175,000 180,000 160,000 140,000 120,000 Tonnes of CO2e 100,000 80,000 60,000 43,000 40,000 20,000 0 Fuel cells **Batteries** 

Source: CleanTechnica.com;

MiWay; author's analysis

## Fuel cells Batteries

Large-scale adoption

Successful trial and use

Reliable decarbonization















Overall assessment



