

# The EV Revolution



As the automotive and transportation industries continue to innovate and evolve, particularly in response to climate-change concerns, one aspect of that evolution stands above the rest – a commitment to innovative electric vehicles.

You could call it a revolution.

## Key Facts and Figures

The EV industry is rapidly growing. In fact:



In 2018, the number of electric cars:

- ✓ increased by two million
- ✓ reached 5.1 million globally



Norway and other Nordic countries are leading the charge

- ✓ Norway accounts for nearly half of the market share



Amazon recently ordered 100,000 electric delivery vans from start-up Rivian to be in action by 2030

**So, what's driving that growth?**

## Countries Commit to Zero Emissions



UK and France plan to ban all sales of new gas and diesel cars by 2040.



Norway wants all passenger cars to be zero-emission by 2025.

**95%** of electric cars are sold in just 10 countries.

## Norway Shows the World the Way

Norway has provided substantial incentives for electric vehicle owners and manufacturers, such as:



VAT exemptions



Cheaper ferry, parking and toll fees



Publicly available charging stations on major roads

**In Norway, 98% of the country's energy comes from renewable sources, helping support this electric vehicle push.**

## Looking Ahead

While the cars, themselves, are exciting, the most significant component of an electric vehicle is still its battery.

Lithium-ion battery prices have fallen over the past near-decade, and that trend is expected to continue.

Combined with increased demand and innovation, this reduction will lead to further electric vehicle adoption. And Arbin's testing solutions for testing their batteries will be there to meet that demand head-on.

