

# Fast and furious: How are you navigating the EV data wave?

Sales for EVs are up  
**75%**<sup>1</sup>

But the infrastructure  
to support this growth  
isn't ready.

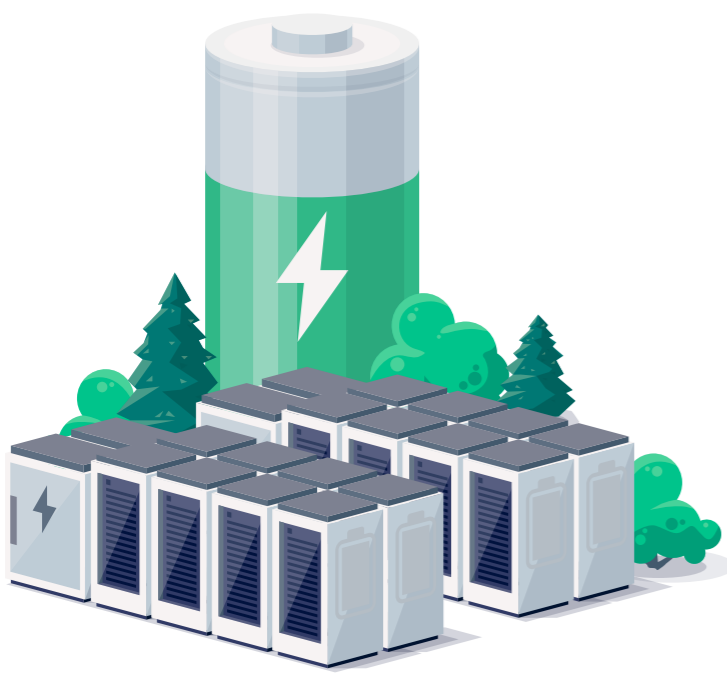


Without an **information supply chain** of shared data, the EV and battery life cycle are struggling to meet demand. Already-stressed power grids could be pushed to their limits.

1

Even the most experienced battery manufacturers commonly encounter start-of-production **delays of 9 months or more**<sup>2</sup>

“Our shipment is running late...”



2

“What if I can't charge between point A and point B?”

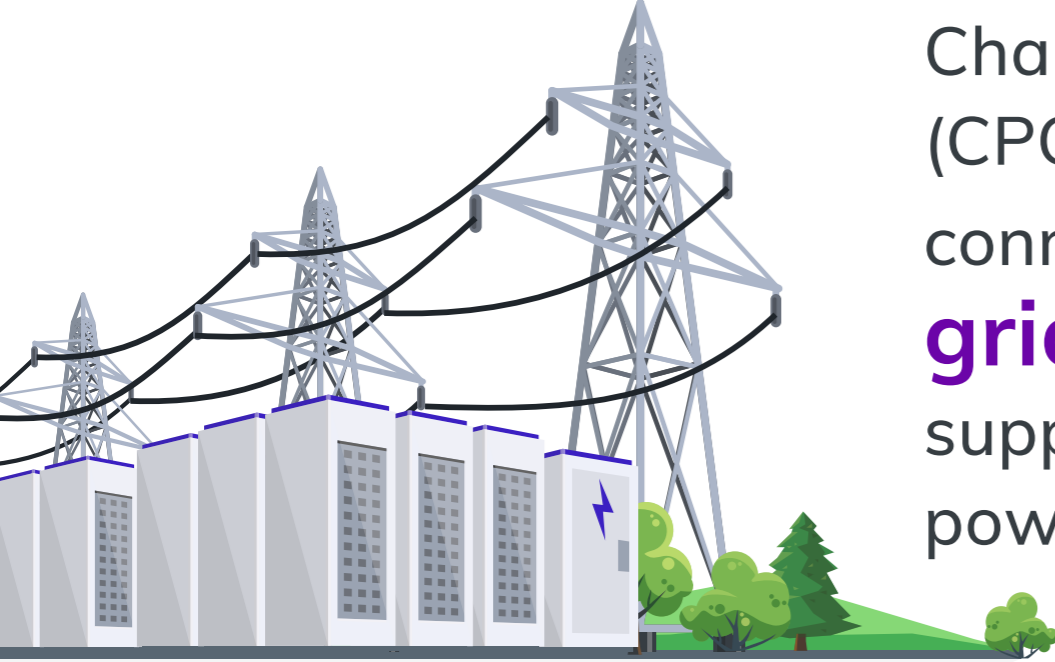
Out of approximately **1.8 million charging stations worldwide**, Europe has 300,000 slow chargers, and the U.S. has only 92,000<sup>3</sup>



3

Charge point operators (CPOs) are inherently connected to **power grid dynamics** of supply, costs and power quality

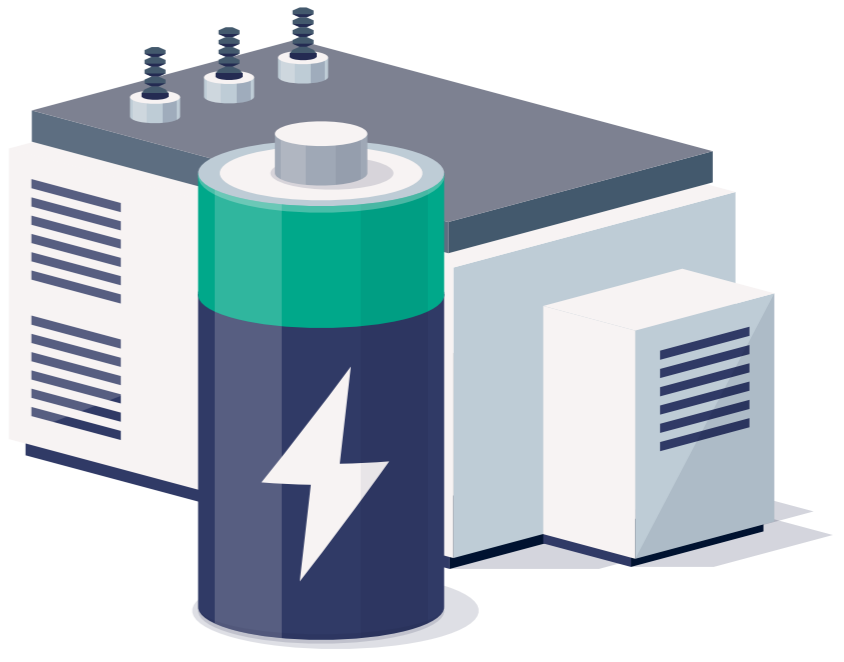
“Can the grid handle a daily influx of EV charging at the end of the workday?”



4

“Will this enter a used market or wind up in a landfill?”

Raw materials of the batteries have up to a **95% recovery rate**<sup>4</sup>



To keep the cycle running successfully, companies will need to **share data within an information supply chain.**

## Connected mobility ecosystem

Metals & mining

Urban mines (recycling)

2<sup>nd</sup> life battery use

Power grid

Battery value chain ecosystem

Battery production

Connected vehicle operations

Smart infrastructure  
smart bridges,  
smart tunnels,  
smart roads, etc.

Charging infrastructure

**Data is the new currency.**  
In a new connected industrial economy,  
data is your most valuable asset.

AVEVA offers solutions at every phase of the EV supply chain.

Read the white paper

1. <http://bit.ly/3YfZQa1> 2. <https://mck.co/3PMTnZn> 3. <https://bit.ly/3BuABqK> 4. <https://www.redwoodmaterials.com/solutions/>