

## Summary Slide

**The problem:** Current onboard diagnostics and auto service tools cannot accurately assess the safety, state of health (SOH), or residual value of EV batteries, posing risks for low-income consumers in the used EV market and hindering the repurposing of decommissioned batteries.

**The Innovation:** Our technology uses electrochemical impedance spectroscopy (EIS) combined with proprietary machine learning algorithms to evaluate battery SOH accurately through the charging port. This portable device offers a scalable and reliable diagnostic solution.

**The impact:** By enabling battery circularity, our solution enhances confidence in the used EV market and facilitates the repurposing of batteries for stationary storage. It also supports workforce development and the growth of an onshore second-life battery industry.



A track record of support, with community benefits at heart

