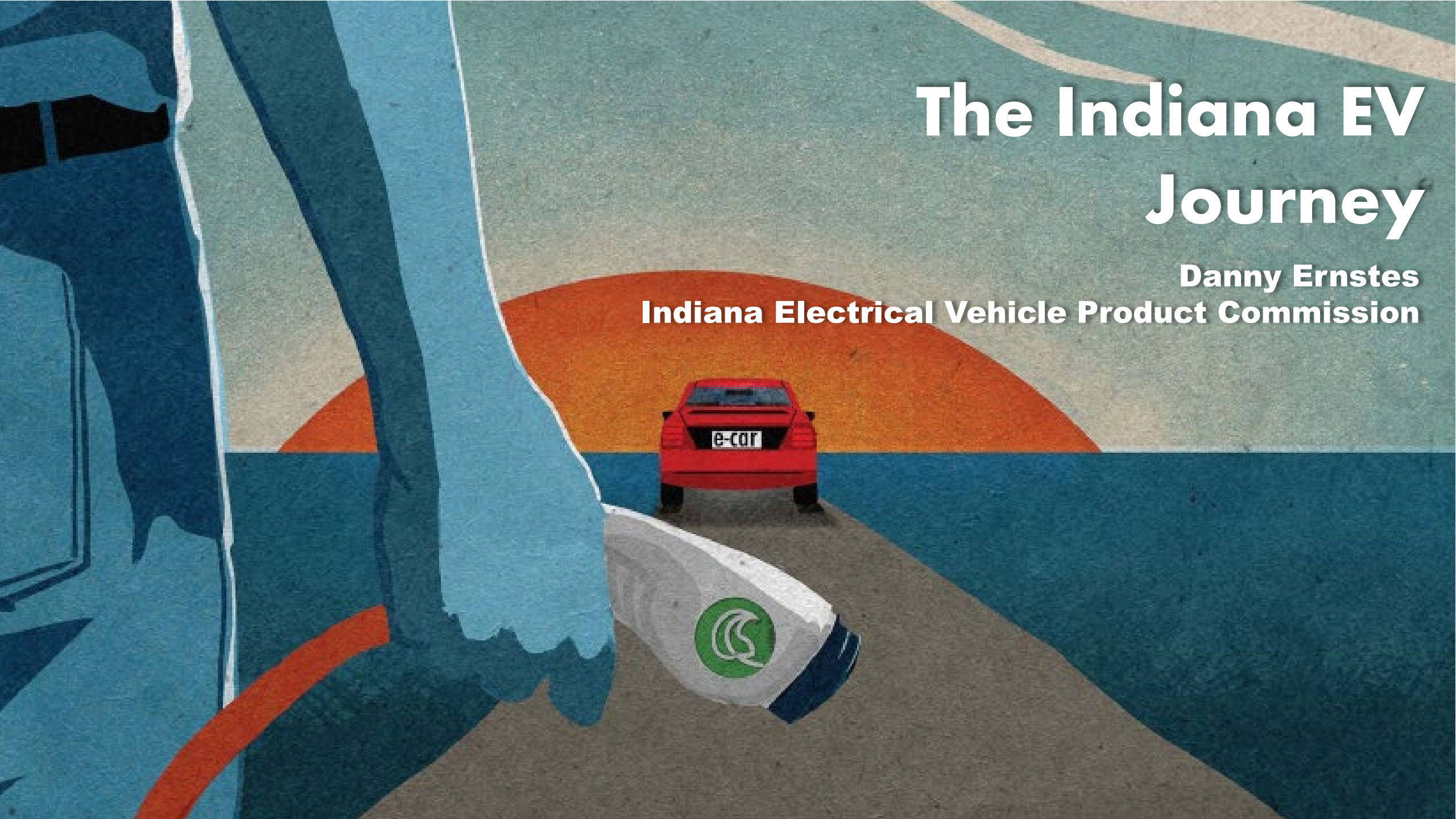
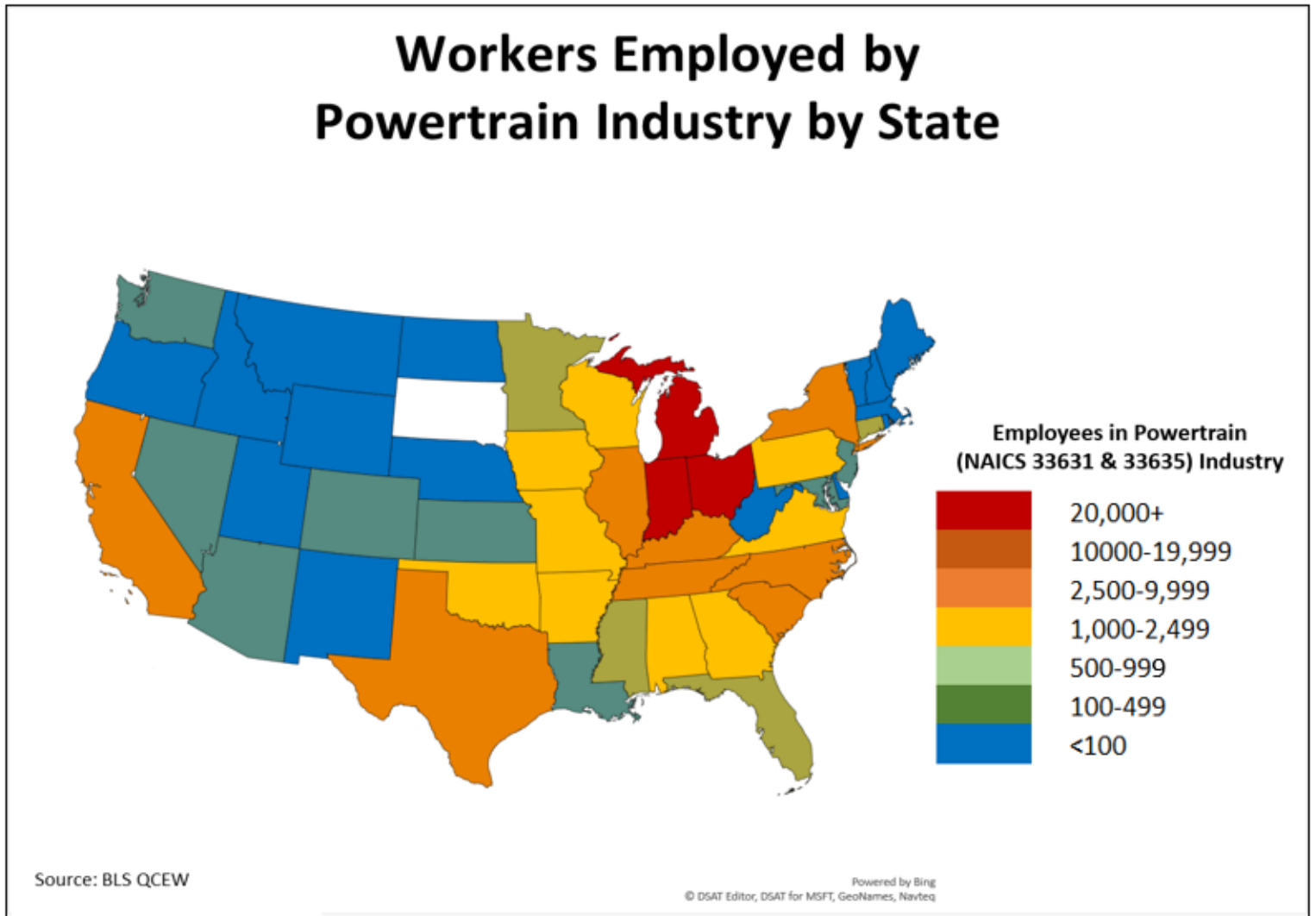
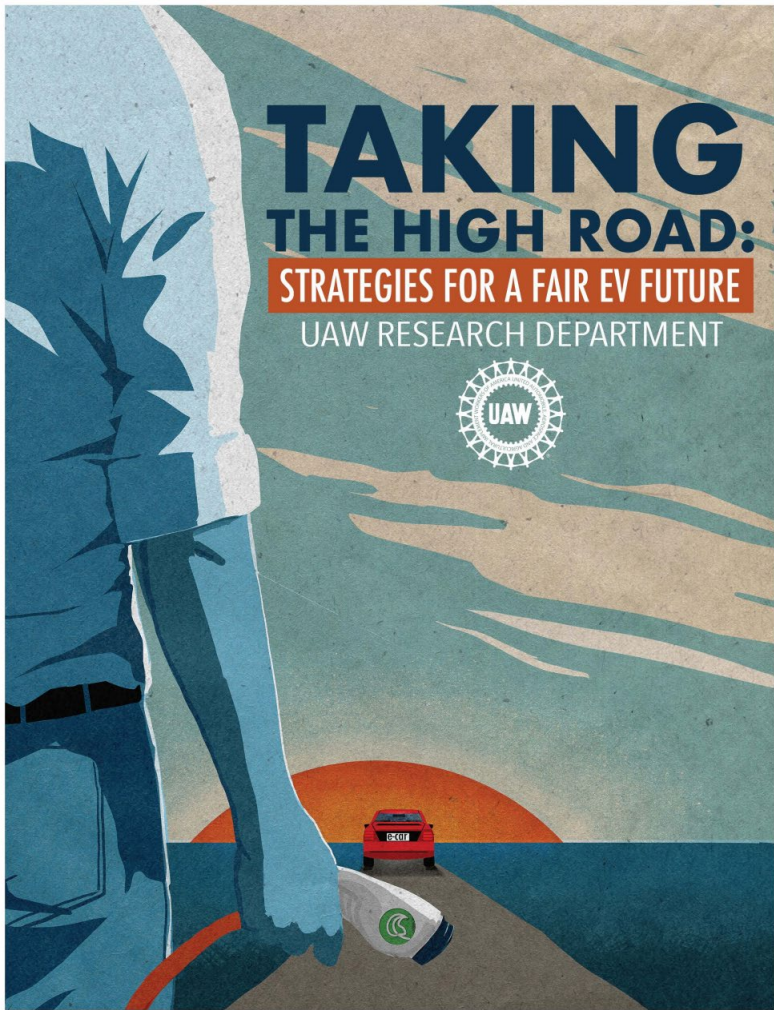


The Indiana EV Journey

Danny Ernstes
Indiana Electrical Vehicle Product Commission





2019 UAW Report “Strategies For A Fair EV Future”

What Did We Take From the 2019 Report?

- Powertrain for Internal Combustion Engine (ICE) **could** see a “disruption” in the coming years with the introduction of the Electrical Vehicle (EV)
- As the industry invests billions to launch new EVs and reshape its manufacturing footprint, it raises **important questions** for American auto manufacturing jobs.

What Will New Supply Chain Mean for Workers?

Disruption

What will happen to ICE supply chain jobs?

There are tens of thousands of workers across the country making ICE engines, transmissions, exhaust systems, and fuel systems.

Outsourcing

Where will EV components be made?

EVs can mean job growth in batteries, motors, and other components. But American workers will be left behind if these new components are imported.

Job Losses

How many jobs could be lost due to EV simplicity?

EVs are replacing ICE powertrains with much simpler EV powertrains that have fewer components, fewer moving parts, and simpler platforms.

Job Quality

Will EV job quality meet industry standards?

Unionized powertrain jobs set standard for wages, benefits, safety, & worker voice. If EV jobs do not meet these standards, it could undermine job quality for entire industry.

Purpose Of The Commission

Governor Holcomb signed House Bill 1168 into law during the 2021 legislative session, establishing the Electric Vehicle Product Commission. The 10-member commission is comprised of legislative representatives and industry leader who are tasked with:

- Evaluating the inventory of existing electric vehicle product facilities and production capability.
- Evaluate the inventory of skilled and nonskilled workers in the electric vehicle product industry.
- Evaluate opportunities and needs for training within the electric vehicle product industry.
- Determine if training centers promoting careers in the electric vehicle product industry should be created or transitioned from traditional automotive industry training centers.
- Identify existing manufacturing competencies within the traditional automotive industry and determine how the existing competencies could be leveraged to increase the production of electric vehicles.
- Identify and evaluate opportunities for growth within the electric vehicle product industry.
- Identify and document results from previous instances of retooling and transforming manufacturing facilities in the automotive industry.
- Identify opportunities for research and development within the electric vehicle product industry.

The commission is required to submit an annual report of its findings to the IEDC and will operate until December 31, 2026

Indiana Electrical Vehicle Product Commission Research Highlight/Challenges

- Year One of Report Established Baseline Research Around the Commission Around The Eight Purpose Statements Which Will Facilitate Further Research along with Policy and Legislative Recommendations
 - **No Legislative Recommendations From 2022 Report**
 - **Build Out of EV Component Supply Chain**
 - **Build Out of Battery/Supply Chain**
 - **Build Out of EV Assembly**
- Year Two Report Took A Much Deeper Dive Into: (1) Facilities/Production Capability; (2) Inventory of Skilled and Non-Skilled Workers; (3) Risk Analysis of Disruption for Indiana by Economic Development Regions; (4) Inclusive Examination of Grant Funding Opportunities (5) Overview of the EV Recycling Industry in Indiana
 - **Legislative Recommendations**
 - **Begin to explore funding for worker training as transition occurs from ICE to EV**
 - **Begin to explore funding for re-tooling of production facilities as transition occurs from ICE to EV**
 - **Make legislators aware that there is a disruption risk as the transition from ICE to EV occurs**
- Challenges
 - **Keeping Up With the Ever Changing Industry**
 - **How To Support Indiana Businesses To Engage In the Available Grant Money**
 - **What Will Disruption Look Like and What Will Be the Response**
 - **Continue To Grow Investment Into Indiana and Its Workforce**

Thank you.

