

Restructuring our Transportation Sector

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Advanced vehicles achieve Administration priorities

Reducing oil dependence

- Major reduction in dependence beyond 2020
- Diversify fleets
- Transform geopolitics
- Capital stock turnover limits change



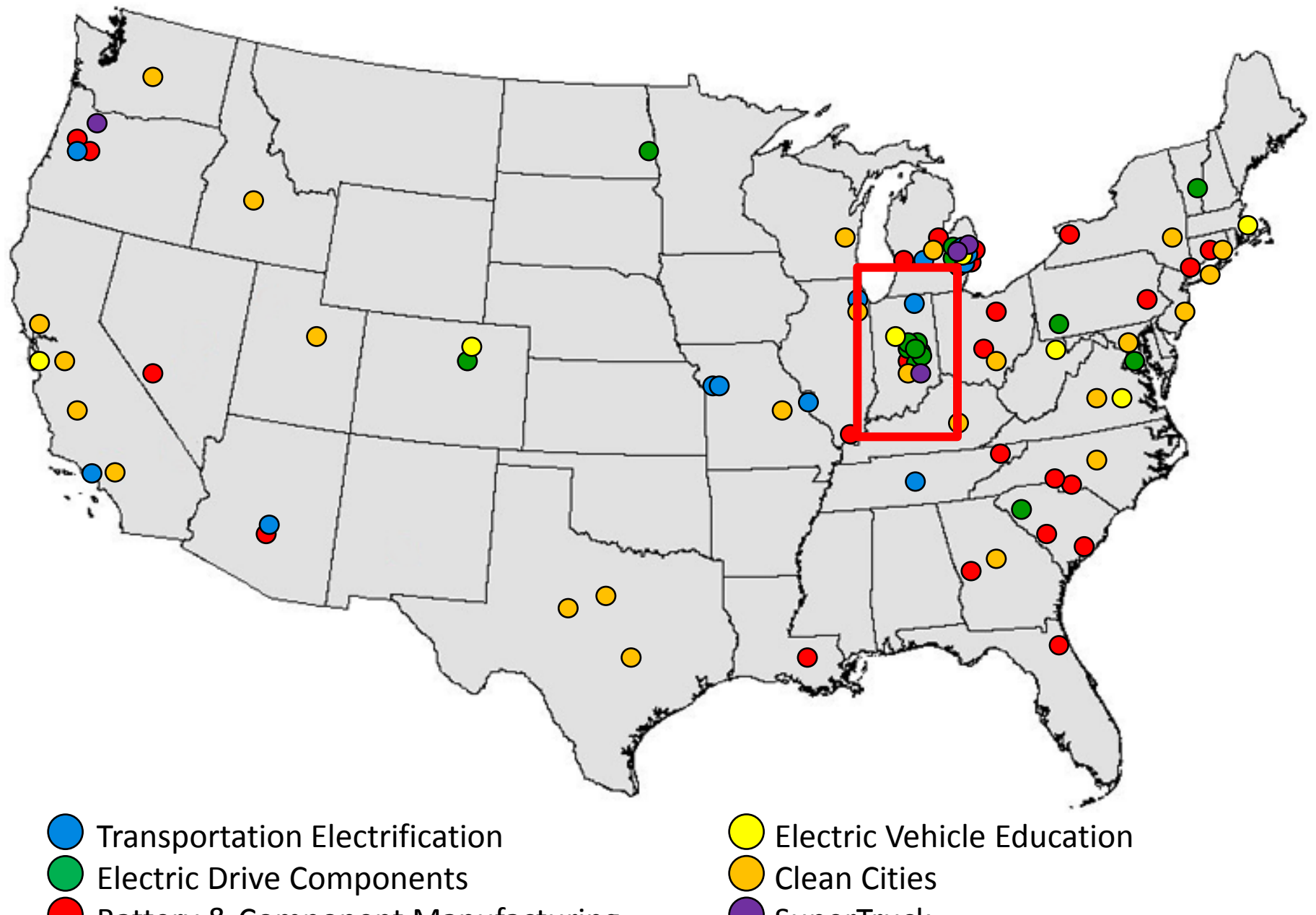
Reduce greenhouse gas emissions

- Essential technologies for achieving 2050 GHG goals
- Limited impact on 2020 GHG goals
- EVs help support deployment of renewables

Strengthen our global competitiveness

- Key opportunity to create green jobs
- EVs are seen by automakers globally as the next wave

This investment in innovation will drive job creation today and tomorrow...



The transformation of the transportation sector has started



We are investing \$12 billion in multiple technologies

Advanced biofuels



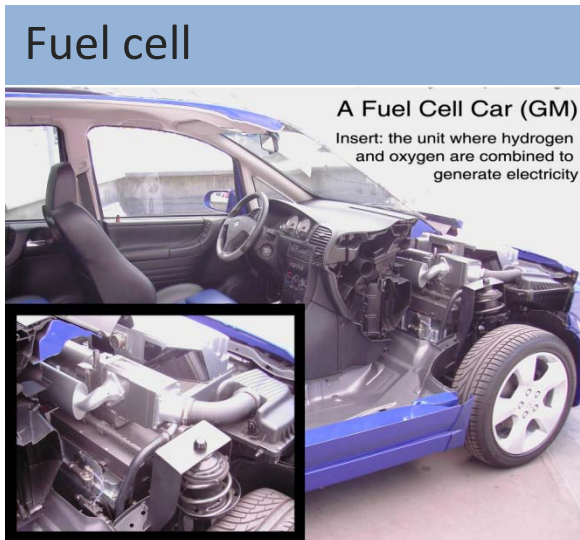
Natural gas



Electrification



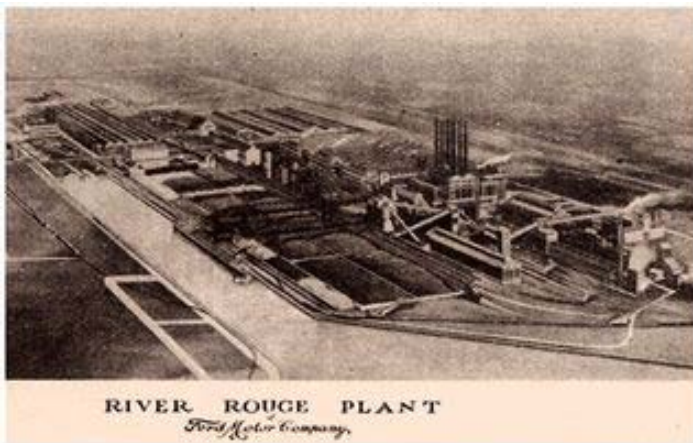
Fuel cell



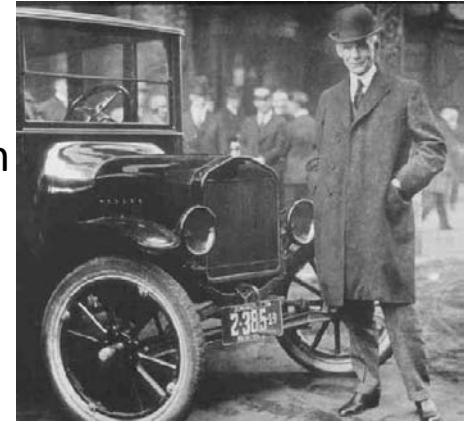
Advanced combustion



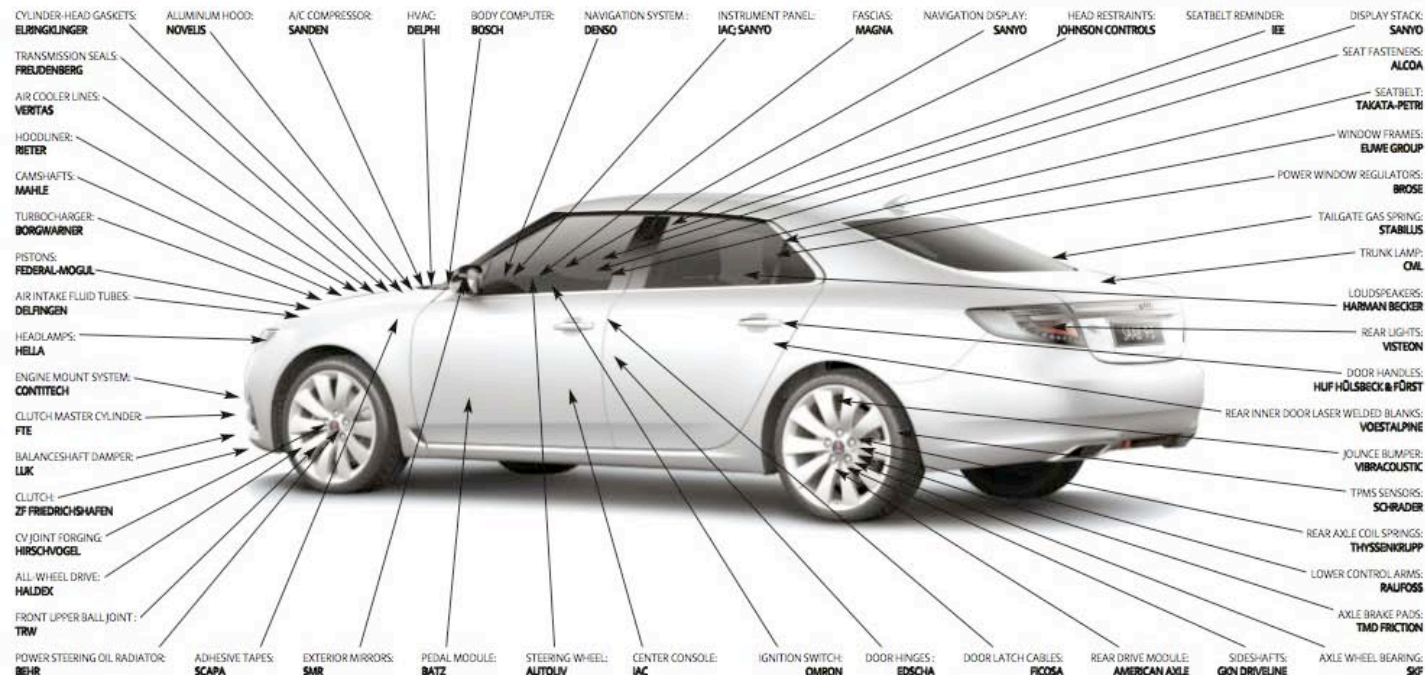
Our investment strategy: The market will decide which combination of technologies will win – because today's OEM is a system integrator



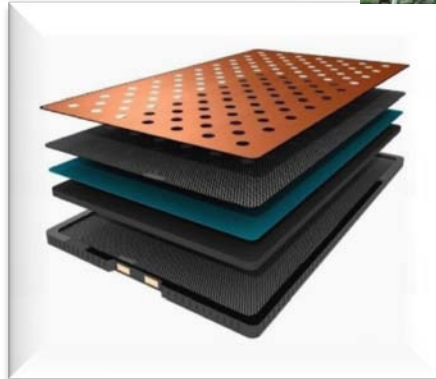
Early Ford vertical integration: raw materials arrived at the docks and materials manufactured into parts on site. Ford owned a railroad, coal mines, timberland, a sawmill, freighter ships, and a glassworks plant.



Today, a complex network of hundreds of suppliers produce the parts of the typical automobile



Imagine a world



Technologies can take us far beyond CAFE

Batteries at \$100/kWh?

Engines get 60 miles per gallon?

Sustainable biofuels at \$2 per gallon?

A 4x6 grid of 24 small photographs. The photos feature individuals in various settings: some in hard hats (one with 'BPA' and 'THERESA GERM' on it), some in business attire, and others in industrial or outdoor environments. The people are of diverse ages and ethnicities, representing a cross-section of the BPA community.