

**THE FUEL CELL**  
**CORRIDOR**<sup>TM</sup>  
Global Center of the Fuel Cell Industry

# Annual Merit Review

## Regional Hydrogen Infrastructure Panel

April 30, 2019



# The OHIO FUEL CELL COALITION

## Mission

The Ohio Fuel Cell Coalition is a united group of industry, academic, and government leaders working collectively to strengthen Ohio's fuel cell industry and to accelerate the transformation of industry to global leadership in fuel cell technology and applications.

## Activities

Supply Chain Assistance  
Education  
Advocacy

Networking and Collaboration  
Marketing and Communications

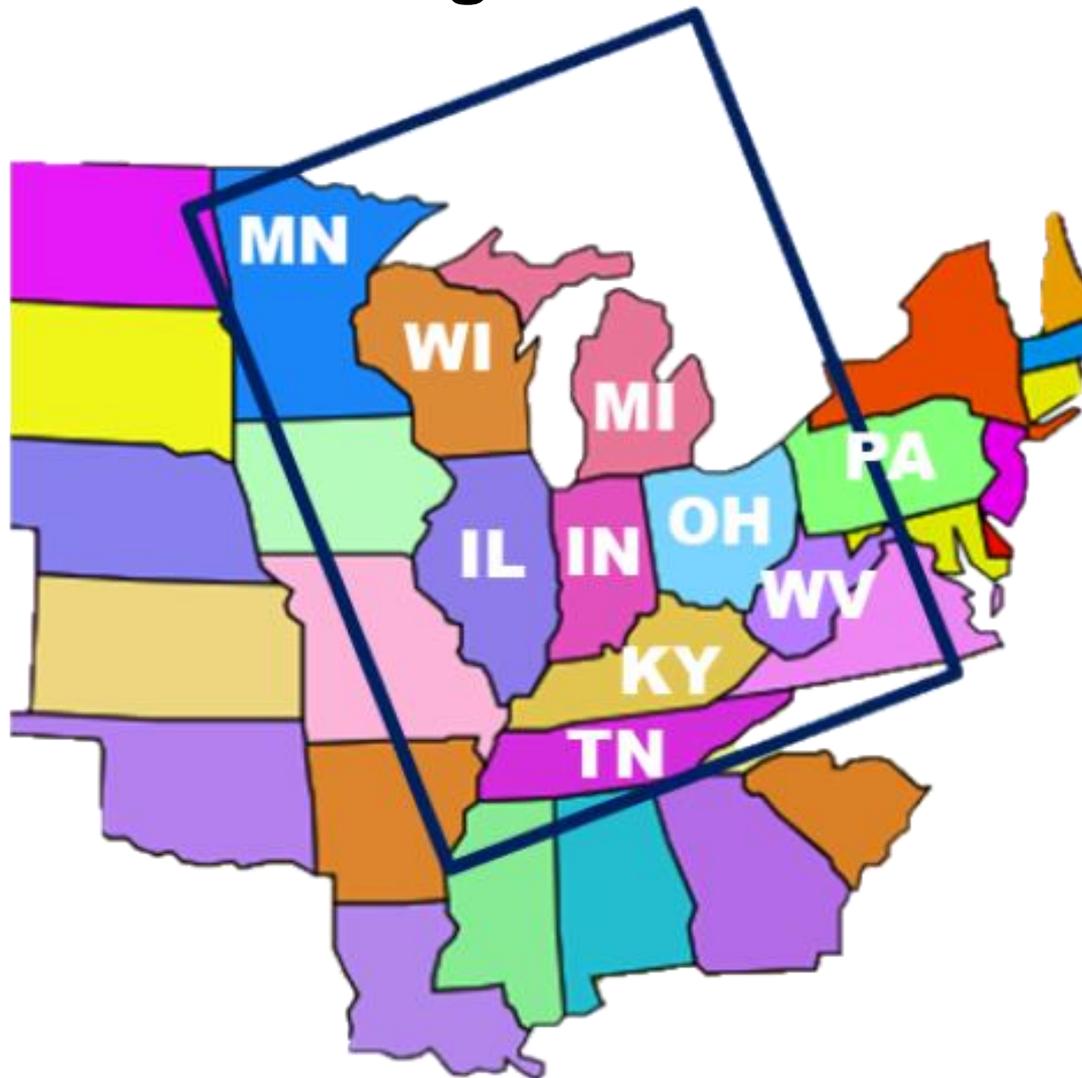
## The MIDWEST Region

### Priority States

### Regional Clusters

Roadmap for  
providing 251  
stations for 136,000  
vehicles :

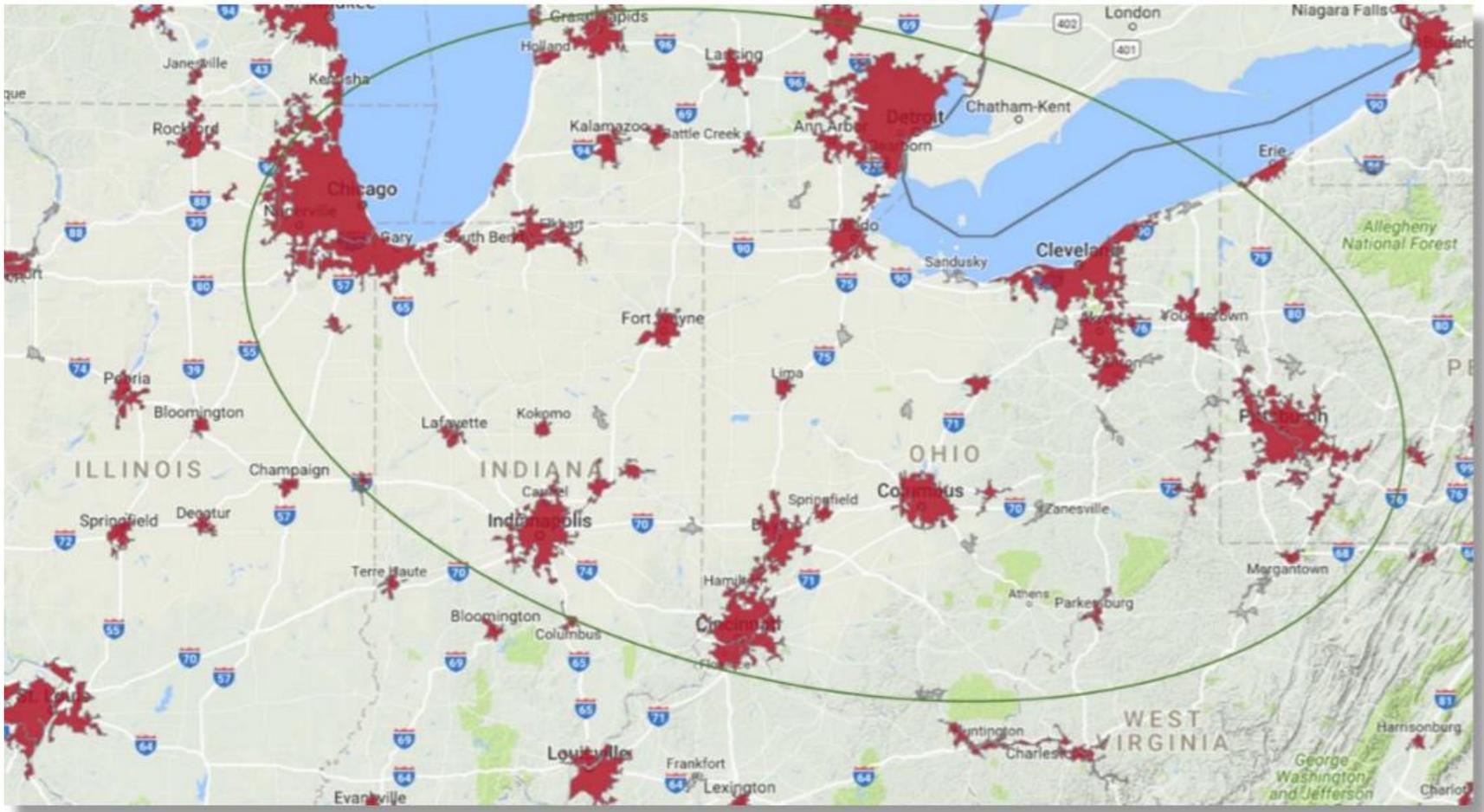
- Ohio
- Michigan
- Illinois
- Indiana
- Western  
Pennsylvania

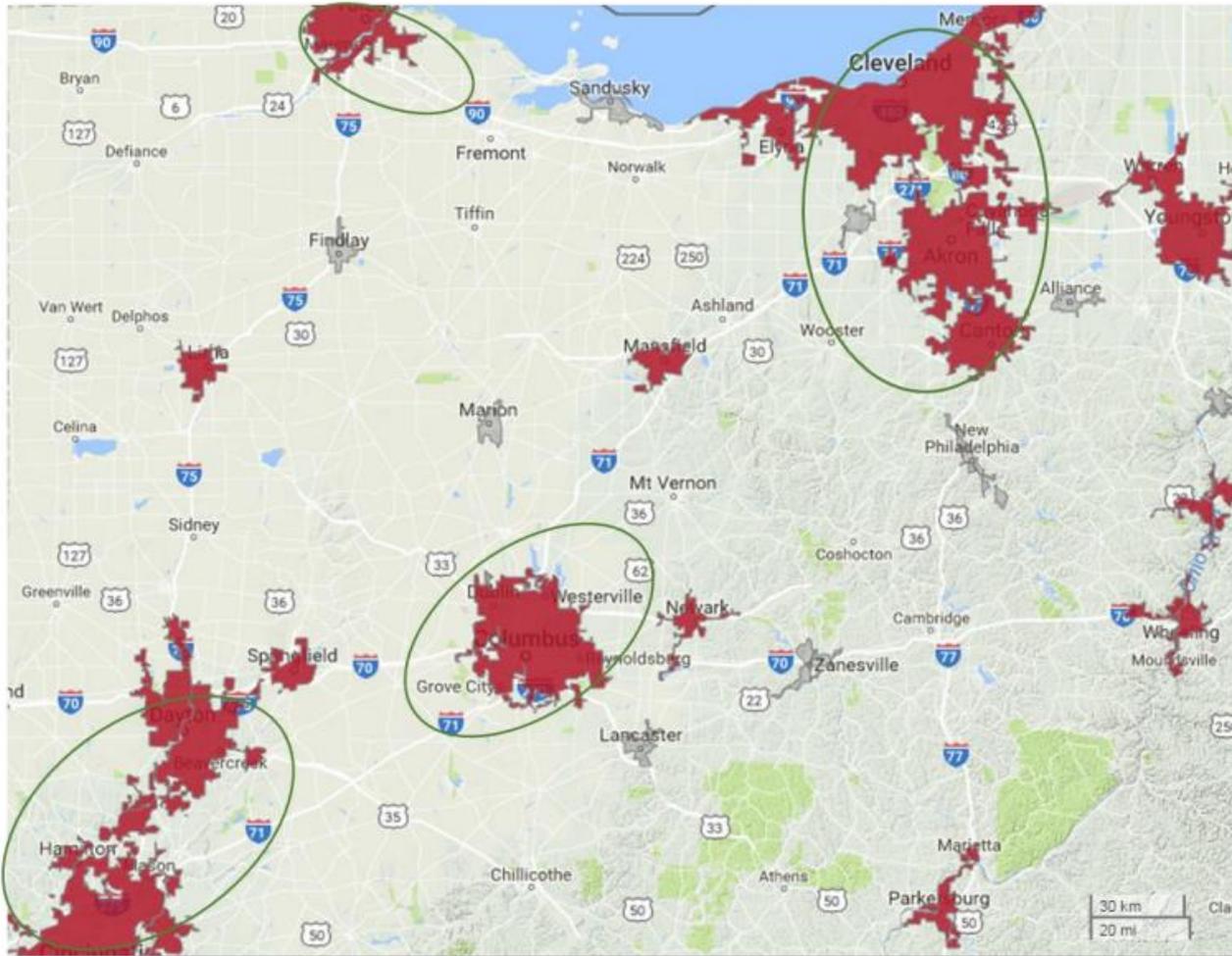


## MIDWEST ACTIVITIES

- Potential CALSTART H2 advisory committee for MI and possibly the region.
- Dept. of Defense Combat Capabilities Development Center/ CALSTART/Michigan Economic Development Corp. potential build- out of three public/private H2 stations
- Honda/GM joint venture to produce H2 fuel cell systems
- SARTA/RHFCC/OFCC Hydrogen Roadmap prepared by CALSTART

## Midwest priority regions for the deployment of hydrogen infrastructure and FCEVs



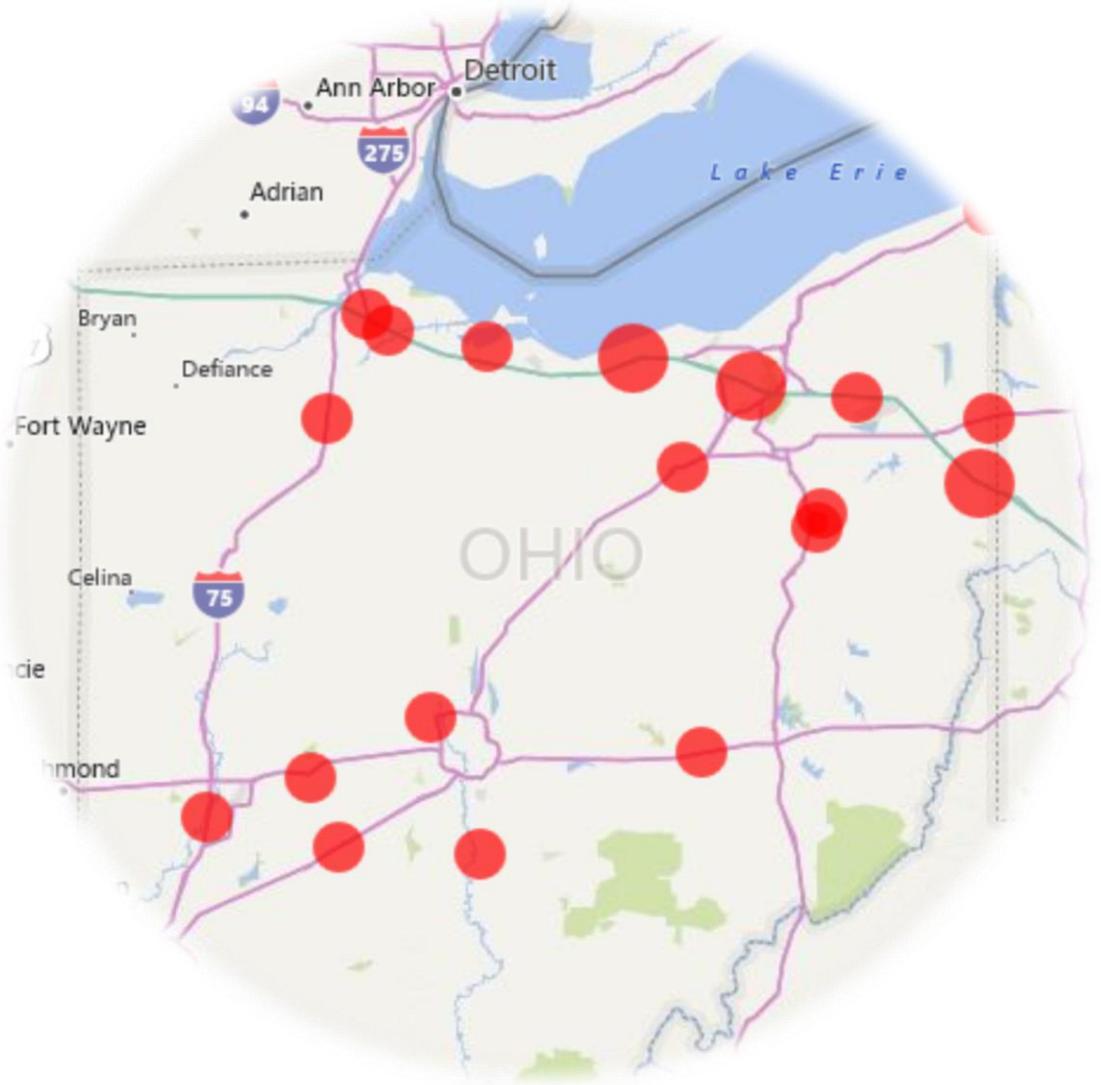


## OHIO

Identified main cluster for deployment of hydrogen infrastructure

- Cleveland-Akron-Canton
- Columbus
- Cincinnati-Dayton
- Toledo

Proposed/preliminary alternative refueling station locations. Larger dots indicate two stations present in close proximity (i.e., eastbound and westbound along the Ohio Turnpike).



## Roadmap Strategy

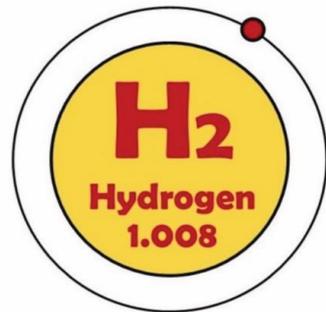
- » Bus & Truck - SARTA
- » Delivery Vehicles – FedEx, Plug Power
- » Light Duty Fuel Cell Electric Vehicles – Municipal and Commercial
- » Light Duty Fuel Cell Electric Vehicles - Public
- » Development of corridors
  - I-75 – Cincinnati OH to Detroit MI
  - I-80/I-76 – Indiana, Cleveland OH, Pittsburgh PA
  - Route 33 – Columbus OH to Marysville OH
  - Additional expansion throughout Midwest

## Expansion of Regional Influence *OFCC, MEDC, and Midwest*

- Align Midwest resources and build on manufacturing/ related services expertise to be a dominant force in the sustainable energy market; create strong job growth in the process
- Exploring the continued development of regional corridors and supply chain
- Help states in expanded region with mapping, supply chain, strategic planning

## Expansion of Regional Influence *OFCC, MEDC, and Midwest*

- Additional Areas of Collaboration
  - » Stark Area Regional Transit Authority
  - » Ohio Dept. of Transportation
  - » Dept. of Transportation – BUILD
  - » VW Mitigation
  - » Fleet and Warehouse infrastructure, i.e. FedEx, Home Depot, Amazon, Walmart



The Ohio Fuel Cell Coalition  
presents the

# 2019 OHIO FUEL CELL SYMPOSIUM

*Save the Date*

## **HYDROGEN & ITS APPLICATIONS**

June 26th & 27th 2019

Quest Conference Center • Columbus, Ohio

## OFCC CONTACT INFO

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