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# Oregon Agriculture Broadband Summit

## Smart Agriculture and Rural Broadband SuperCluster

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# Global Cities Team Challenge (GCTC)

- GCTC brings together
  - Industry
  - Universities
  - Nonprofits
  - State and local government
- Share knowledge and best practices on smart community initiatives and promote interoperability, replicability, sustainability and cybersecurity
  - Transportation
  - Energy & Water
  - Public Safety
  - Integration and Management
  - Smart Agriculture and Rural
  - Wireless
  - Smart Buildings



GCTC EXPO July 10-12th

# Global Cities Team Challenge – Participation

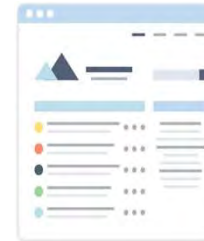


# GCTC Ag & Rural Supercluster – Objectives



## Farmers & Ranchers

Help farmers and ranchers improve water efficiency, produce higher quality crops and raise healthier livestock, while making it easier to meet federal and state reporting requirements.



## Results

Set of best practices and a replicable blueprint for other communities and partners to use.



## Rural Communities

Focus on projects to bridge the digital divide and close the homework gap, improve healthcare and the ability to age in place, improve economic development and spur innovation.

# Ag & Rural Supercluster – Action Clusters



## Agriculture

Looking at ways to streamline food sheds (supply chain, i.e., farm to table) and increase smart ag (crops, livestock).



## Rural Communities

Potential collaborations to streamline and improve government services, education, workforce development and deploy regional approaches.



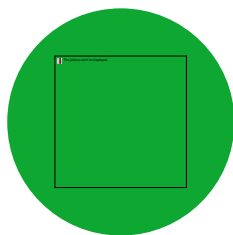
## HealthCare

Collaborating on telehealth projects (wearables, data analytics, remote monitoring), telemedicine (physical and mental), blockchain, and cybersecurity.

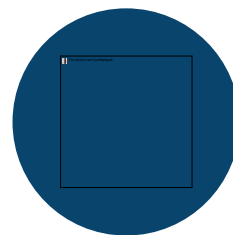
# New GCTC Smart Regions Collaborative

- **Elevates smart cities and communities' conversations to the regional level**
- **Encourages the formation of teams that span across jurisdictions, sectors, and disciplines**
- **Regional projects not limited to one particular issue area (can address resiliency, health, public safety, agriculture, mobility, broadband and more)**
- **Highlights that regional, smart approaches are critical to reach people living in ALL types of communities**

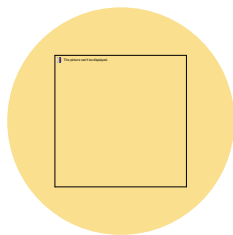
## Goals of Smart Regions Collaborative



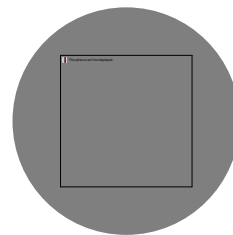
**Create a blueprint that empowers local, regional, and tribal leaders to build their own smart region strategies**



**Link participants to information, technical assistance, and connections to relevant industry professionals**



**Allow plenty of opportunities for peer-to-peer networking**



**Hold regular discussions on topics that come up as challenges in most smart region efforts**

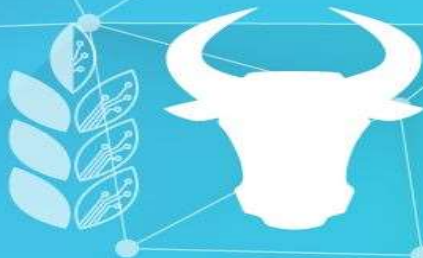


# WHIN

## WABASH HEARTLAND INNOVATION NETWORK

We exist to cultivate a regional ecosystem that empowers globally competitive businesses to plant and grow in the Wabash Heartland.

We envision the Wabash Heartland as a global leader of digital agriculture and next-gen manufacturing empowered by smart IoT platforms.



Engage agriculture producers/businesses in the region and develop career-ready certificates, digital-readiness trainings, and agriculture IoT testbeds



Enable real-time analytics of manufacturing systems, develop workforce education opportunities, and IoT testbeds



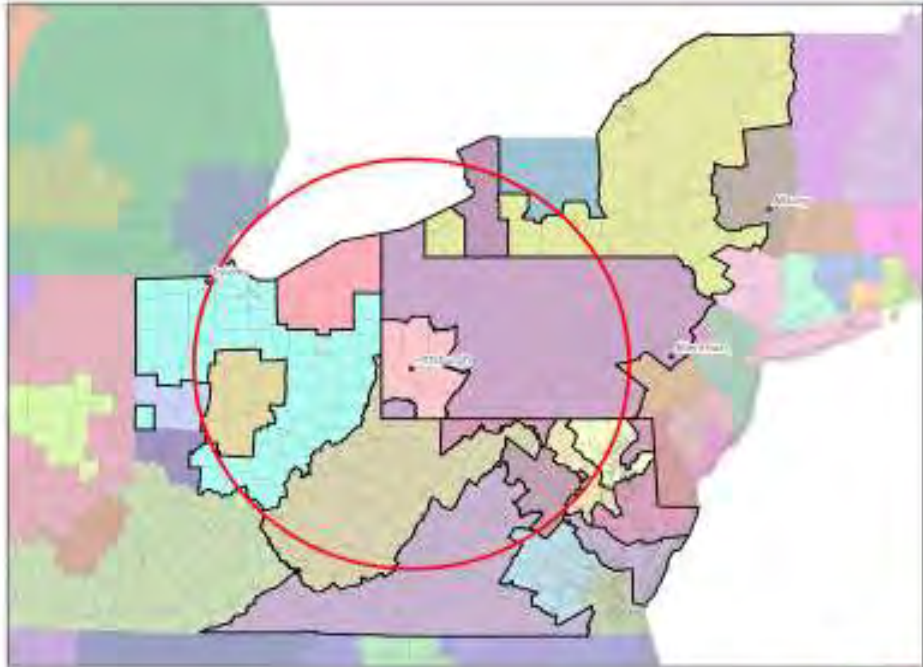
Invest in innovative place-making projects that increase education, vitality, and connectivity.

**Smart technology. Smart region. Smart future.**

<http://WHIN.org>



# Food Shed and Freight Analysis Zones



# BroadbandUSA can also address other issues related to connectivity, smart cities and adoption

## Resources

- [Community Broadband Roadmap Toolkit](#)
- [Introduction to Stakeholder Outreach](#)
- [Smart Cities Partnerships Toolkit](#)
- [Federal Funding Guide](#)

## Request Technical Assistance:

[broadbandusa@ntia.doc.gov](mailto:broadbandusa@ntia.doc.gov)

**Jean Rice**

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