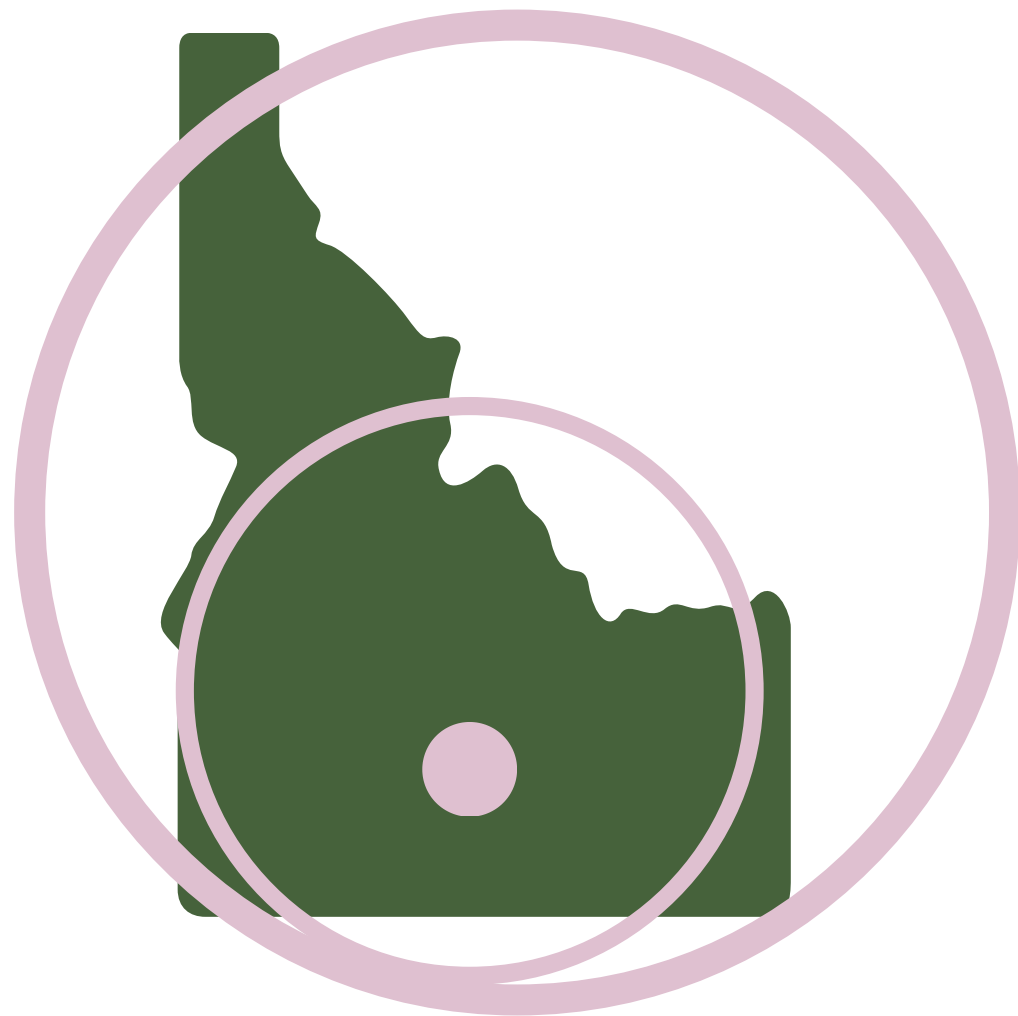


# Regional Food System Asset Mapping



# Sun Valley Institute for Resilience

**The purpose of Sun Valley Institute for Resilience is to advance community resilience in Idaho's Wood River Valley region by educating, investing and collaborating to ensure that the economy, environment and people thrive.**

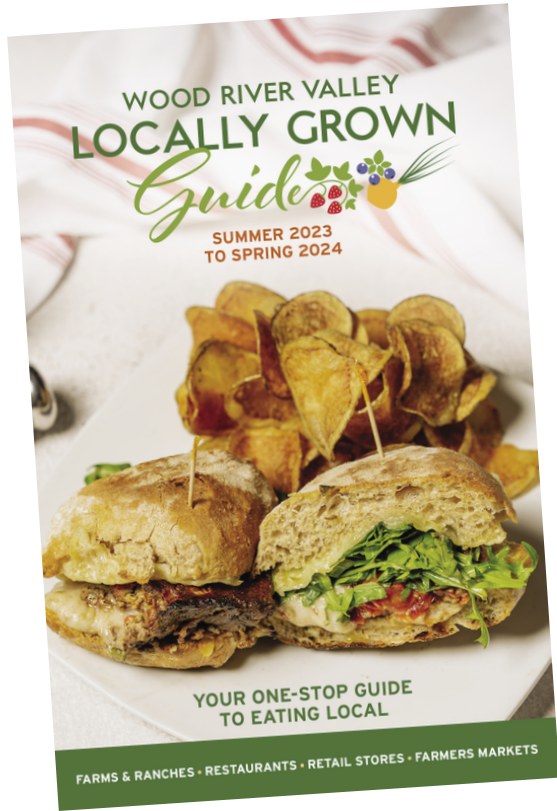


- **Regenerative agriculture**
- **Climate-smart land management**
- **Diversity and equity being integral to community resiliency**

# Our Programs: Transforming Food Systems



**Investing capital in locally rooted ideas**



**Changing systems starts with a seed**



**Empowering everyday climate action**

# Our Programs: Transforming Food Systems



- Zero and low interest loans
- South central Idaho focus
- Over \$400,000 invested so far
- Over 46,000 lbs. of locally consumed food
- 4 pre-revenue companies funded



- 5th annual publication of the free Locally Grown Guide
- Procurement Policies facilitating increased local demand
- Regional Food System Asset Mapping GIS publication
- Thought-leadership



- Blaine County focused
- Public workshops and free digital resources on climate action and resiliency at home
- Youth program partnerships
- Close to 10,000 lbs. school food waste diverted to compost
- Local thought-leadership

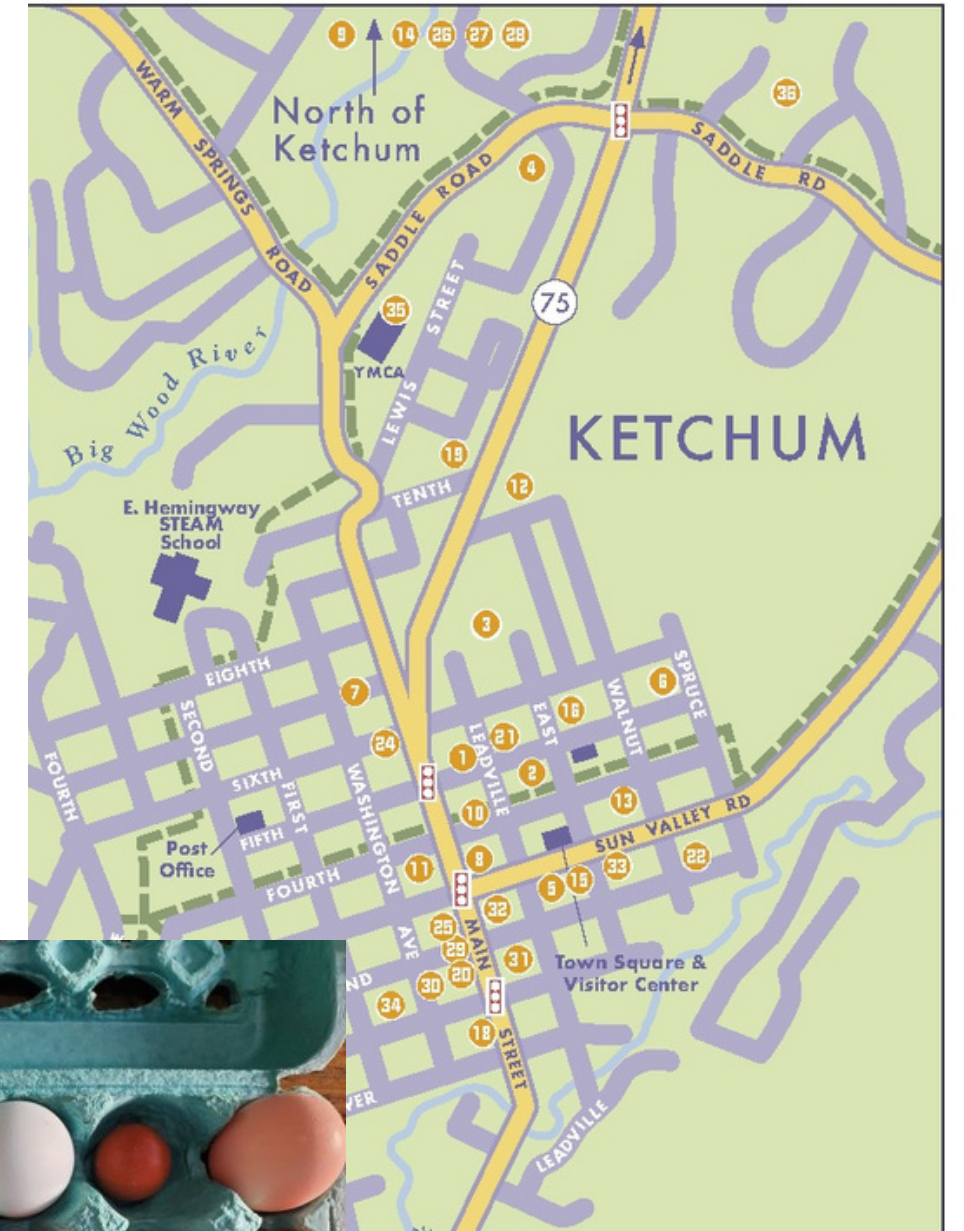


# Local Food Alliance

**Changing systems starts with a seed.**

A thriving regional food system will:

- improve public health
- fortify both urban and rural economies
- increase our chances of a livable and biodiverse climate



# Managing Risk in our Regional Food System

- **Acute Risks and Ongoing Challenges**
- Wildfire, public health crises, economic shocks
- Drought, soil degradation, housing crises
- **Characteristics of Resilient Systems**
- Diversity and redundancy
- Managed connectivity
- Adaptive systems thinking
- Learning is encouraged
- Broadened participation



(TIME Magazine, March 2020)



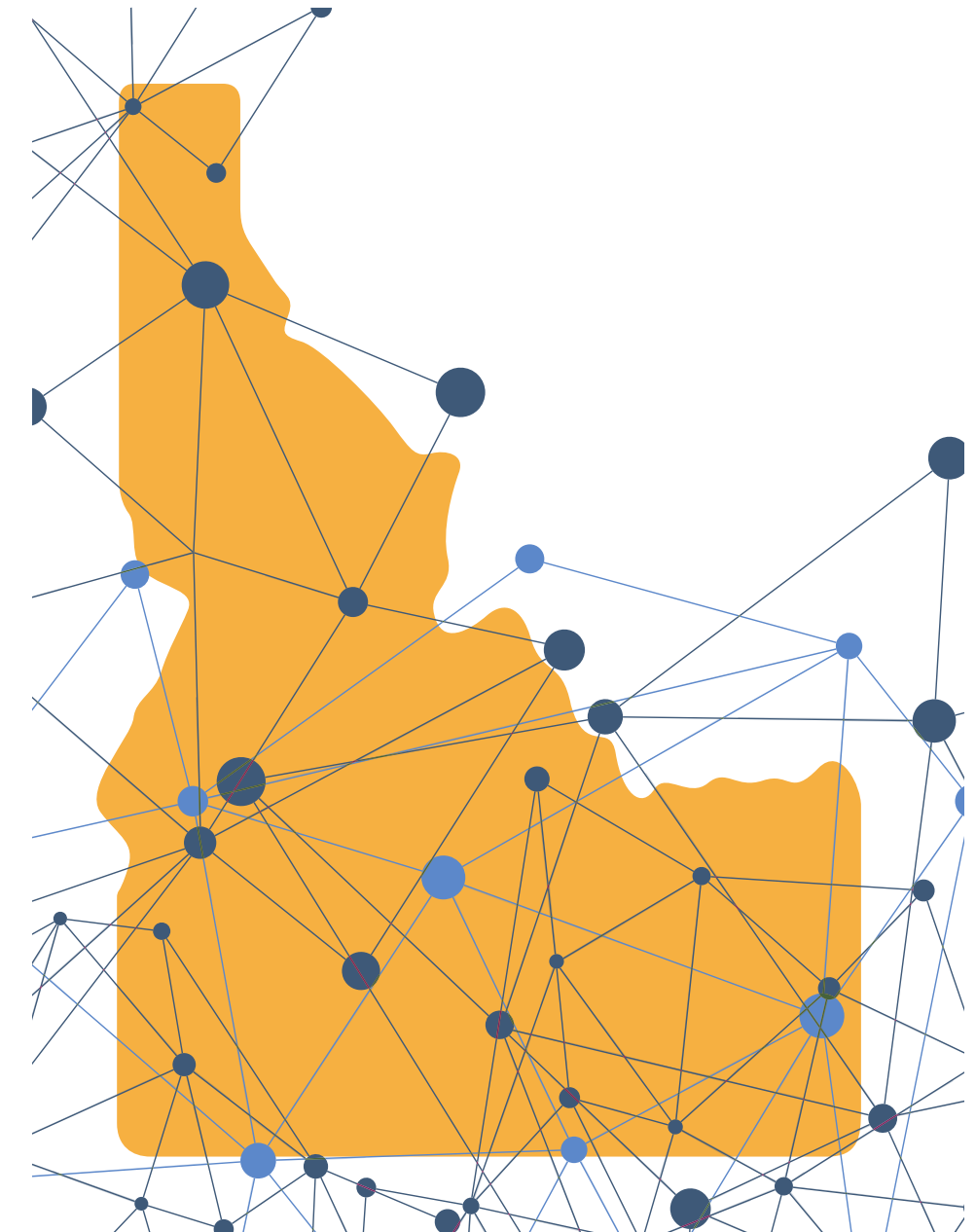
# Idaho Regional Food System Asset Mapping

- Regional Food System “hard infrastructure assets”
  - Processing and Manufacturing
  - Warehousing and Storage
  - Distributing and Transporting
  - Rentable Commercial Kitchens
  - Food Access (food banks and food pantries)
  - Food Recovery (composting, animal feed, etc)

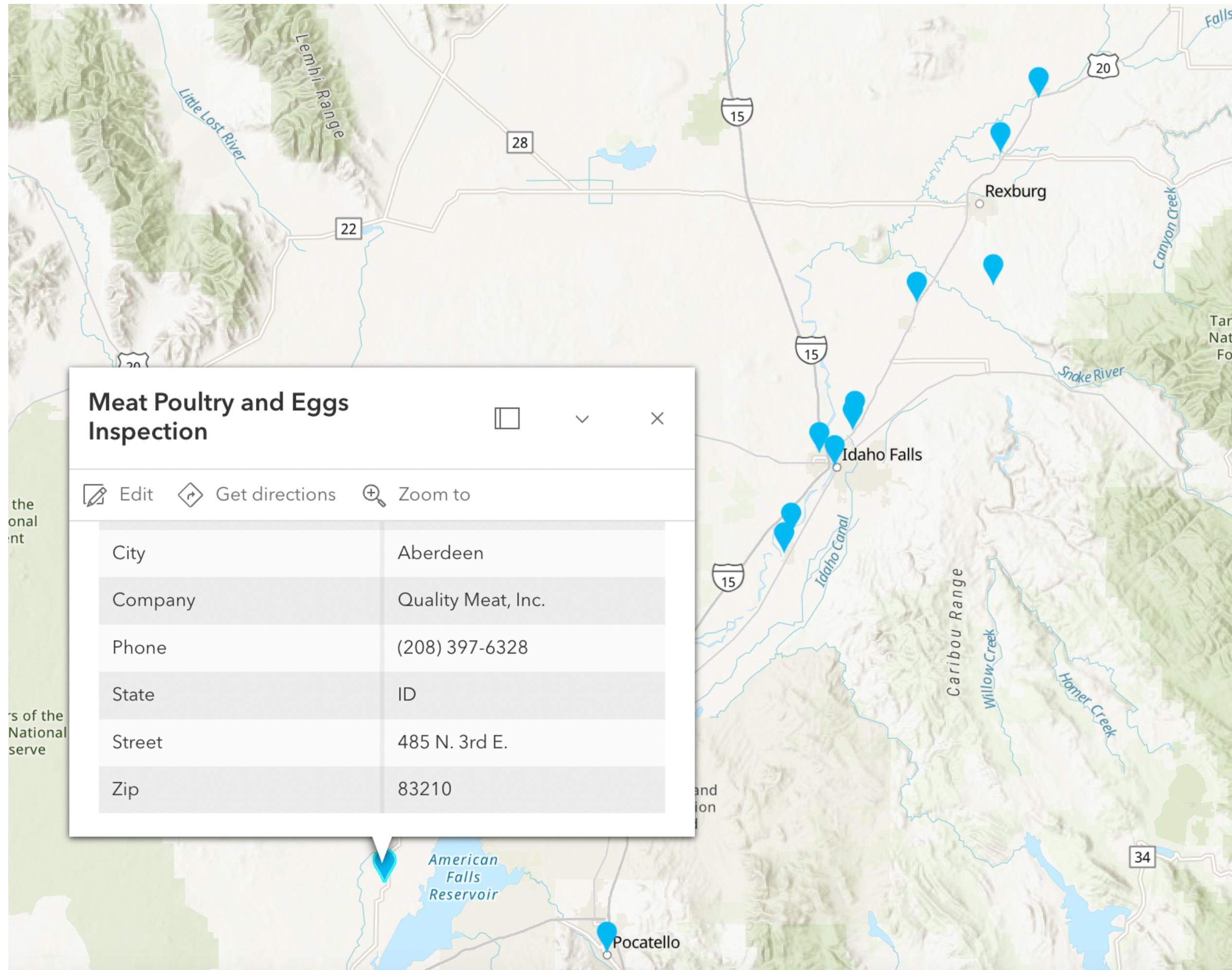


# GIS Mapping as a Transformative Tool

- Publicly available GIS (geographic information system)
- More up-to-date information on food system assets
  - General location and contact information
  - Business operations and products of interest
- Out-of-state locations within 45 miles of the Idaho border will also be included
- Identifying gaps and opportunities for expansion, diversification and redundancy (increasing resiliency)
- Supply chain analysis and economic research







Working example of user experience with our ArcGIS tool.

# Local Examples



# Outcomes for Food Systems Stakeholders

## Increased Resiliency of our Regional Food System

**Economy:** Increased connectivity and efficiency. More “food dollars” staying in our local communities. Recovery from economic shocks and natural disasters on businesses.

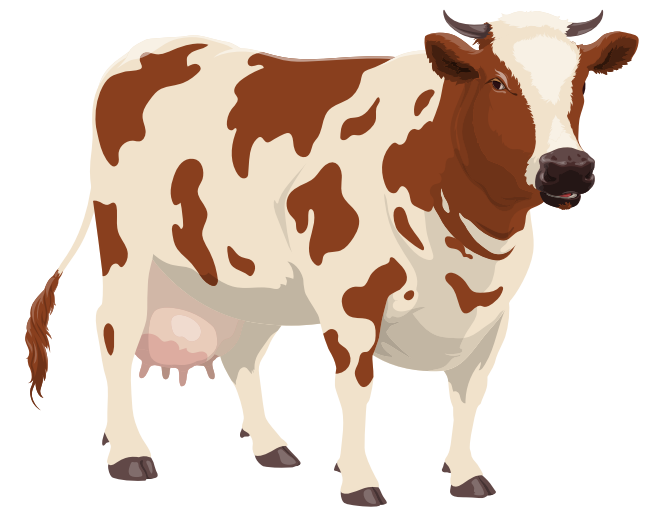
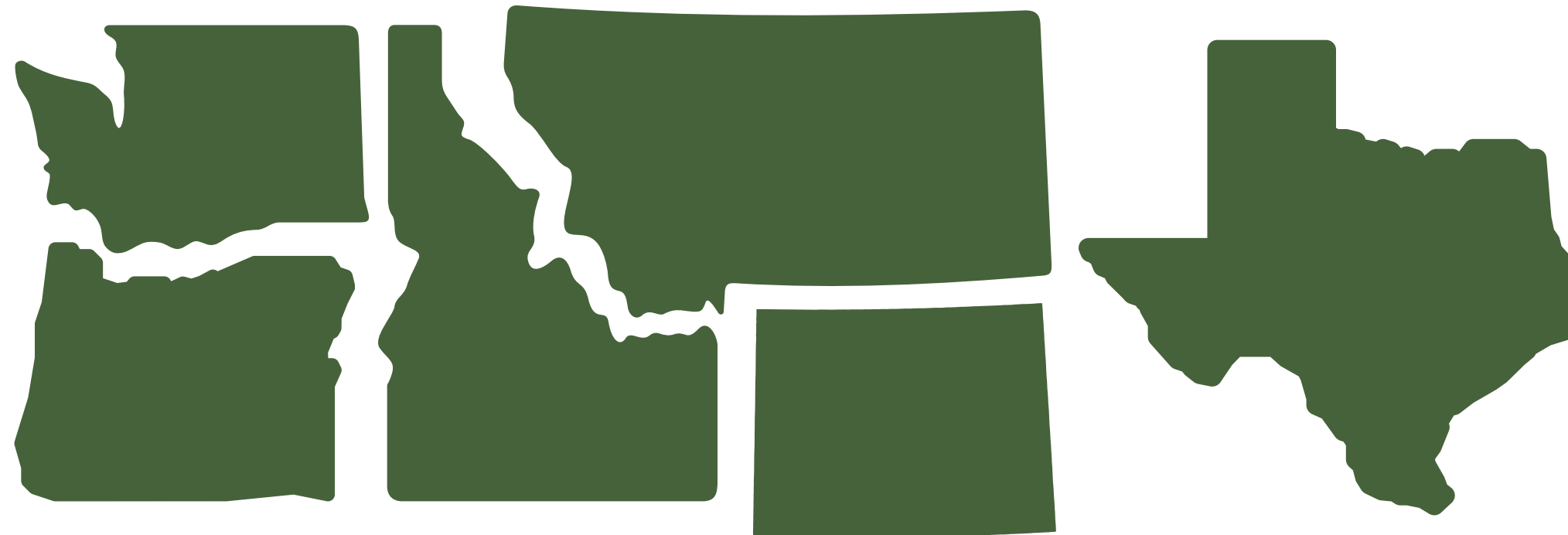
**Environment:** Cleaner air and water as emissions decrease. Increased soil health and support of regional farmers using regenerative practices.

**Community:** More locally grown and produced food available and accessible to all in our communities. Increased public health and food system literacy.



# Moving Beyond Infrastructure and Idaho

The Idaho Regional Food System Asset Map will serve as a model for other communities hoping to optimize resiliency in their food supply chains, mitigate both acute and ongoing economic, climate and community risks, and increase equitable access to more regionally sourced, nutrient dense food options.





**Questions or comments?**



For further questions, comments or concerns, please contact Hannah Harris  
[hannah@sunvalleyinstitute.org](mailto:hannah@sunvalleyinstitute.org)