



**A Vision for Native Food and Agriculture  
Infrastructure Rebuilding and Recovery**

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# The Regional Hub Model



## What is a regional food trade hub?

Food hubs will house a warehouse for food storage, provide processing for meat, eggs, dairy, and other products and will be the central point for distributing food to Tribal communities.



Processing



Storage



Distribution



Special Programming



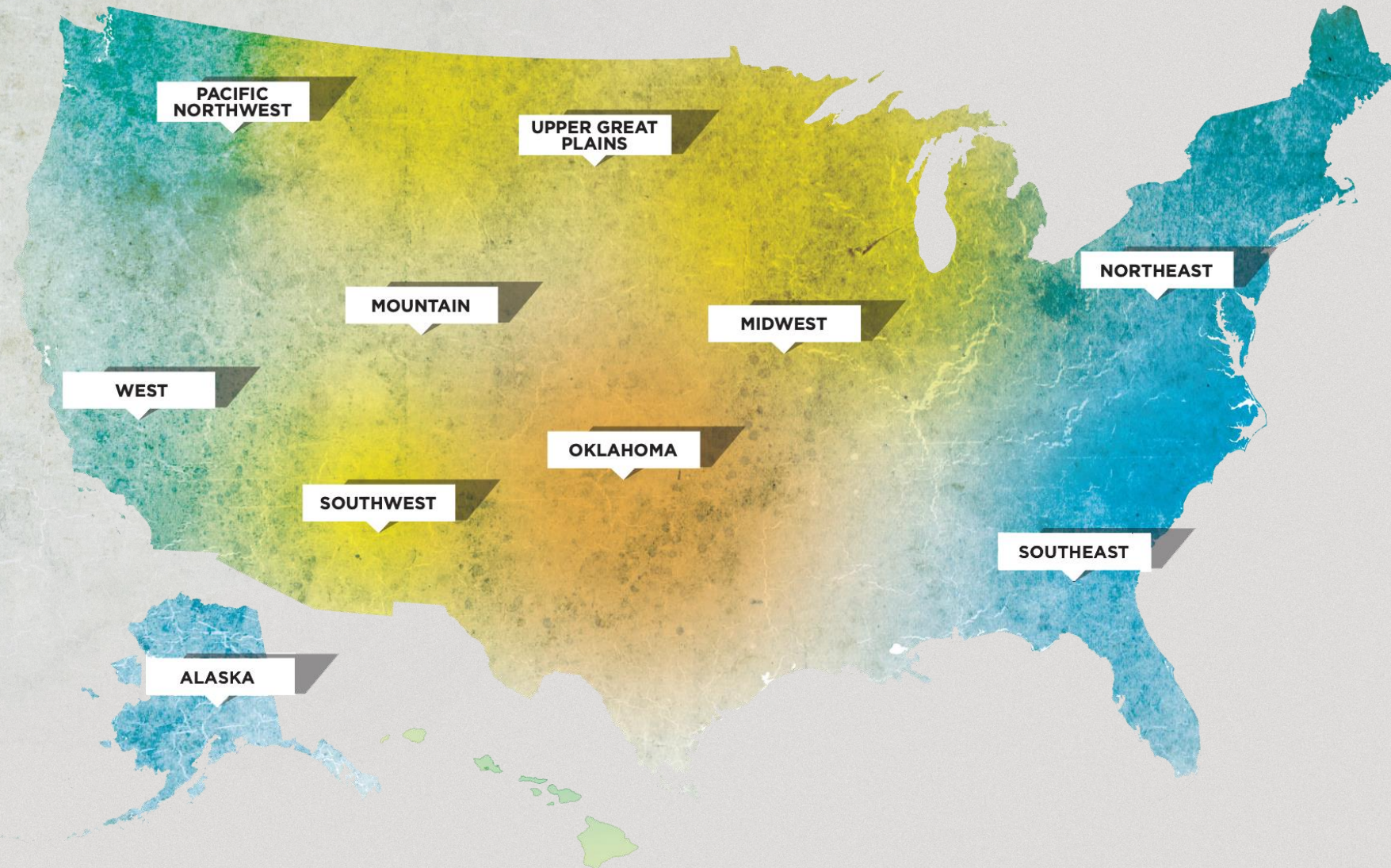
# The Regional Hub Model



# 10

Regional Food Hubs:

- Oklahoma
- Mountain
- Southeast
- Northeast
- Midwest
- Upper Great Plains
- Alaska
- Pacific Northwest
- West
- Southwest





# The economic impacts



**\$3.54 billion**

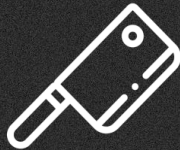
in farm production only  
accounts for 7.8% of total  
"food dollar."







# The economic impacts



## PROCESSING

% OF FOOD DOLLAR

15%

INVESTMENT

\$350 million

POTENTIAL RETURN

\$6.8 billion



## PACKAGING

% OF FOOD DOLLAR

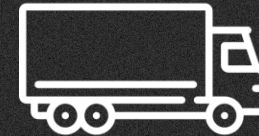
2.3%

INVESTMENT

\$10 million

POTENTIAL RETURN

\$1 billion



## TRANSPORTATION

% OF FOOD DOLLAR

3.5%

INVESTMENT

\$168 million

POTENTIAL RETURN

\$1.6 billion

% OF FOOD DOLLAR

20.8%

INVESTMENT

\$528 million

POTENTIAL RETURN

\$9.4 billion

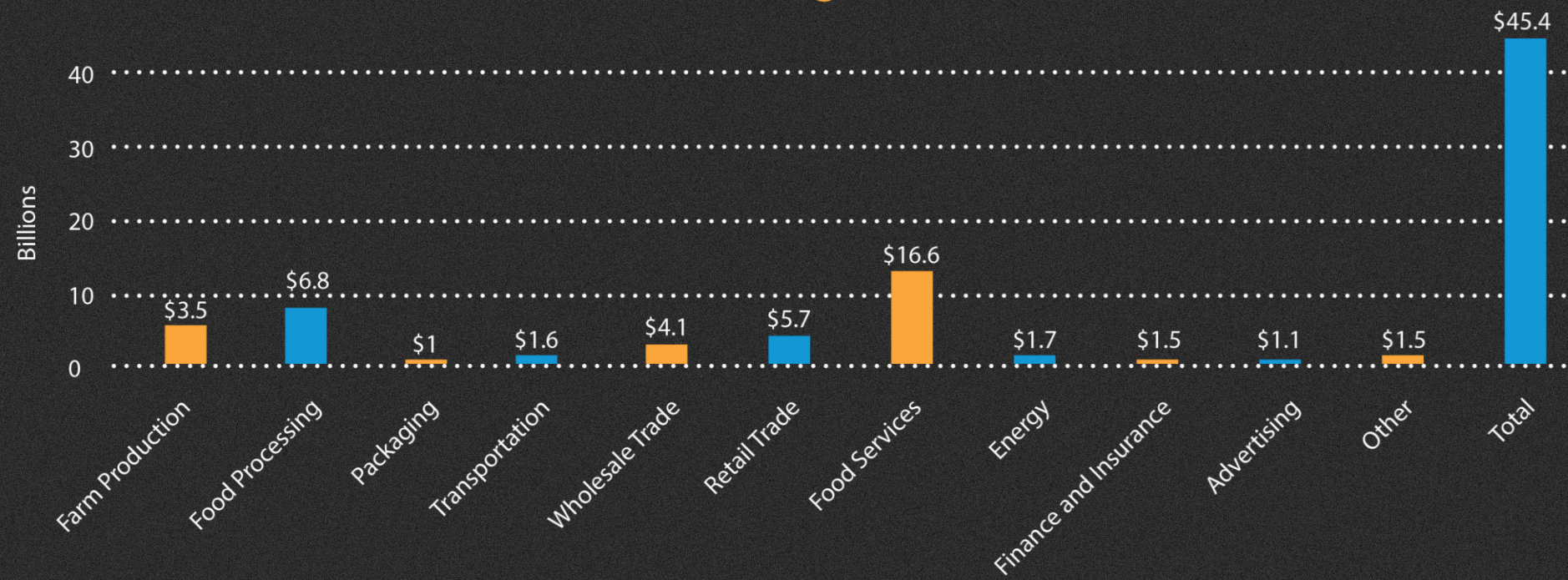




# The economic impacts

**\$45.4 billion** in potential value of Native food and agriculture sectors

Potential Value of Native Agriculture Sector in Billions







# HUB Brick and MortAr

## Costs

	<u>\$ PER HUB</u>	<u># OF HUBS</u>	<u># OF YEARS</u>	<u>TOTAL</u>
Meat Processing	\$10,000,000	10	One Time Investment	\$100,000,000
Fruits, Vegetables, Specialty	\$5,000,000	10	One Time Investment	\$50,000,000
Crops and Grains				
Fisheries	\$10,000,000	10	One Time Investment	\$100,000,000
Poultry Eggs Dairy	\$5,000,000	10	One Time Investment	\$50,000,000
Warehouse and storage	\$3,000,000	10	One Time Investment	\$30,000,000
Food Waste Diversion	\$2,000,000	10	One Time Investment	\$20,000,000
Packaging	\$1,000,000	10	One Time Investment	\$10,000,000
Logistics Infrastructure		National	One Time Investment	\$3,000,000
Trucking	\$1,500,000	10	One Time Investment	\$15,000,000
Ancillary Costs	\$1,000,000	10	One Time Investment	\$10,000,000
	\$38,500,000			\$388,000,000

Cost Per Hub

**\$38,500,000**

Total Cost

**\$388,000,000**



# Operations



	<u>\$ PER HUB</u>	<u># OF HUBS</u>	<u># OF YEARS</u>	<u>TOTAL</u>
Staffing	\$1,000,000	10	10	\$100,000,000
Maintenance	\$1,000,000	10	10	\$100,000,000
Food Safety	\$1,000,000	10	10	\$100,000,000
Distribution	\$1,000,000	10	10	\$100,000,000
	\$4,000,000	\$40,000,000		\$400,000,000

1 Year of Operations  
Per Hub

**\$4,000,000**

1 Year of Operations  
for all Hubs

**\$40,000,000**

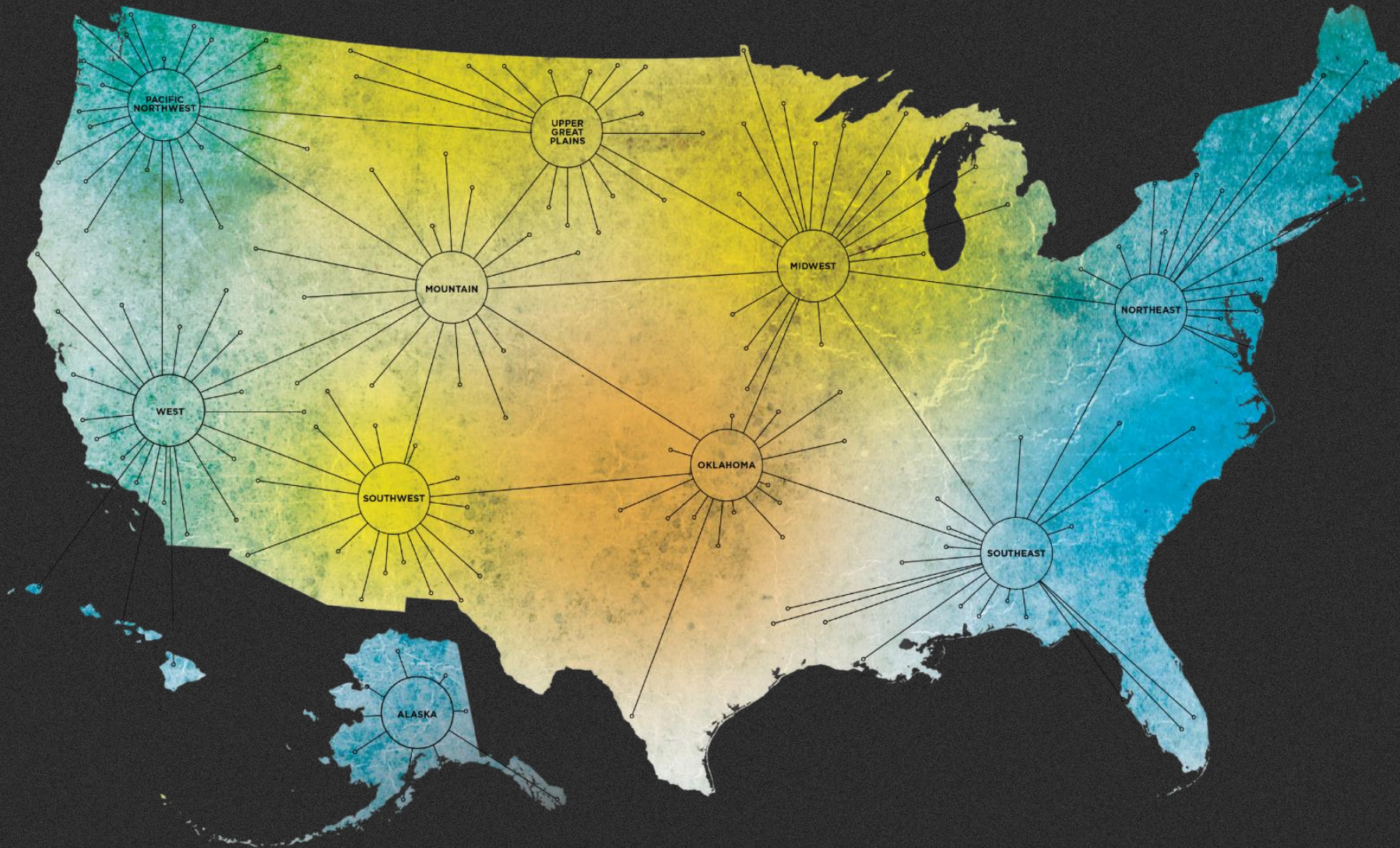
Total Operations Cost for  
all 10 Hubs for 10 years

**\$400,000,000**



# Sub Hubs

Regional food hubs will coordinate with local communities through Sub Hubs to feed Indian Country







# Investments in Sub Hubs

	<u>\$ PER HUB</u>	<u># OF HUBS</u>	<u># OF YEARS</u>	<u>TOTAL</u>
Community Gardens for Every Tribe	\$10,000,000	National	One Time Investment	\$10,000,000
Asset Mapping	\$5,000,000	National	One Time Investment	\$5,000,000
Distribution Infrastructure	\$1,000,000	10	10	\$100,000,000
Food Processing Infrastructure	\$1,000,000	10	10	\$100,000,000
Operations and Maintenance	\$500,000	10	10	\$50,000,000
Traditional Foods	\$1,000,000	National	10	\$10,000,000
	\$18,500,000			\$275,000,000



# Financial Infrastructure



	<u>\$ PER HUB</u>	<u># OF HUBS</u>	<u># OF YEARS</u>	<u>TOTAL</u>
USDA	\$50,000,000	National	10	\$500,000,000
Treasury	\$50,000,000	National	10	\$500,000,000
Commerce	\$50,000,000	National	10	\$500,000,000
Farm Credit	\$10,000,000	National	10	\$100,000,000
Risk Management	\$3,000,000	National	10	\$30,000,000
Farm Service Agency	\$10,000,000	National	10	\$100,000,000
	\$173,000,000			\$1,730,000,000

Access to capital is the most pressing issue for Native farmers and ranchers and the success of the regional food hub model is contingent on a lending structure that works for Indian Country's food system.



# Generation Indigenous Agriculture (Gen-A)



	<u>\$ PER HUB</u>	<u># OF HUBS</u>	<u># OF YEARS</u>	<u>TOTAL</u>
Capital Access for Native New and Beginning Farmers	\$10,000,000	National	10	\$100,000,000
Agriculture Resource Management Scholarships	\$10,000,000	National	10	\$100,000,000
Youth Traditional Food Programming	\$3,000,000	National	10	\$30,000,000
Emerging Entrepreneurs	\$5,000,000	National	10	\$50,000,000
Career Experience	\$0	National		\$0
	\$28,000,000			\$280,000,000

Traditional employment opportunities, in addition to internships, mentorships and apprenticeships are important functions of youth involvement in the Regional Food Hubs.





# Commerce and Entrepreneurship Infrastructure

	<u>\$ PER HUB</u>	<u># OF HUBS</u>	<u># OF YEARS</u>	<u>TOTAL</u>
Native Chefs	\$1,000,000	National	10	\$10,000,000
Cooperatives	\$2,000,000	National	10	\$20,000,000
E-Commerce	\$1,000,000	National	10	\$10,000,000
Data Sovereignty*	\$1,000,000	National	10	\$3,500,000
	\$5,000,000			\$43,500,000

\*START UP COST OF 1 MILLION, ANNUAL SUPPORT OVER 10 YEARS

## Some of the critical efforts to support food entrepreneurs are:

- Small business loans for Native food entrepreneurs
- Federal coordination of Native food entrepreneurs
- Expansion of federal contracting authorities for food products
- Expansion of 8(a) determination for Native food businesses and entrepreneurs
- Enhancement of opportunities for value added food product development
- Preferences ("Buy Indian") for Native food product purchasing within all federal departments and agencies





# Conservation and climate

	<u>\$ PER HUB</u>	<u># OF HUBS</u>	<u># OF YEARS</u>	<u>TOTAL</u>
Resource Management Plans	\$1,000,000	National	10	\$10,000,000
NRCS Implementation Of Alternative Funding Arrangements	\$250,000	National	10	\$2,500,000
Regenerative Grazing Implementation	\$1,000,000	National	10	\$10,000,000
Carbon Sequestration Implementation	\$1,000,000	National	10	\$10,000,000
	\$3,250,000			\$32,500,000

Native conservation and agricultural practices are already leading climate smart practices. Federal law and programs should recognize the inherent value of Traditional Ecological Knowledge (TEK).





# Research and tCU Extension

	<u>\$ PER HUB</u>	<u># OF HUBS</u>	<u># OF YEARS</u>	<u>TOTAL</u>
Research Stations	\$4,000,000	National	10	\$40,000,000
Native Agriculture Research Consortium	\$4,000,000	National	10	\$40,000,000
Tribal College Additional Agriculture Support	\$50,000,000	National	One Time Investment	\$50,000,000
	\$58,000,000			\$130,000,000

To ensure that critical extension services reach producers served by the regional food hubs, all hubs must receive agricultural education and extension services through a combination of Tribal College and University extension staff and faculty as well as 1862 or 1890 land grant extension staff and faculty.



# Key Partners



	<u>\$ PER HUB</u>	<u># OF HUBS</u>	<u># OF YEARS</u>	<u>TOTAL</u>
Intertribal Agriculture Council	\$4,000,000	National	10	\$40,000,000
Indigenous Food and Agriculture Initiative	\$2,000,000	National	10	\$20,000,000
First Nations Development Institute	\$3,000,000	National	10	\$30,000,000
Indian Land Tenure Foundation/Federally Recognized Tribes Extension Program	\$4,000,000	National	10	\$40,000,000
	\$13,000,000			\$130,000,000



# Policy

## Recommendations

### U.S. Department of Agriculture (USDA)

Solutions to Uplift Native Agriculture:

- USDA Set Aside
- Direct Access to USDA Programs
- USDA Office of Tribal Relations
- Water Infrastructure at Rural Development
- Rural Development Funding Set Aside

### Bureau of Indian Affairs (BIA)

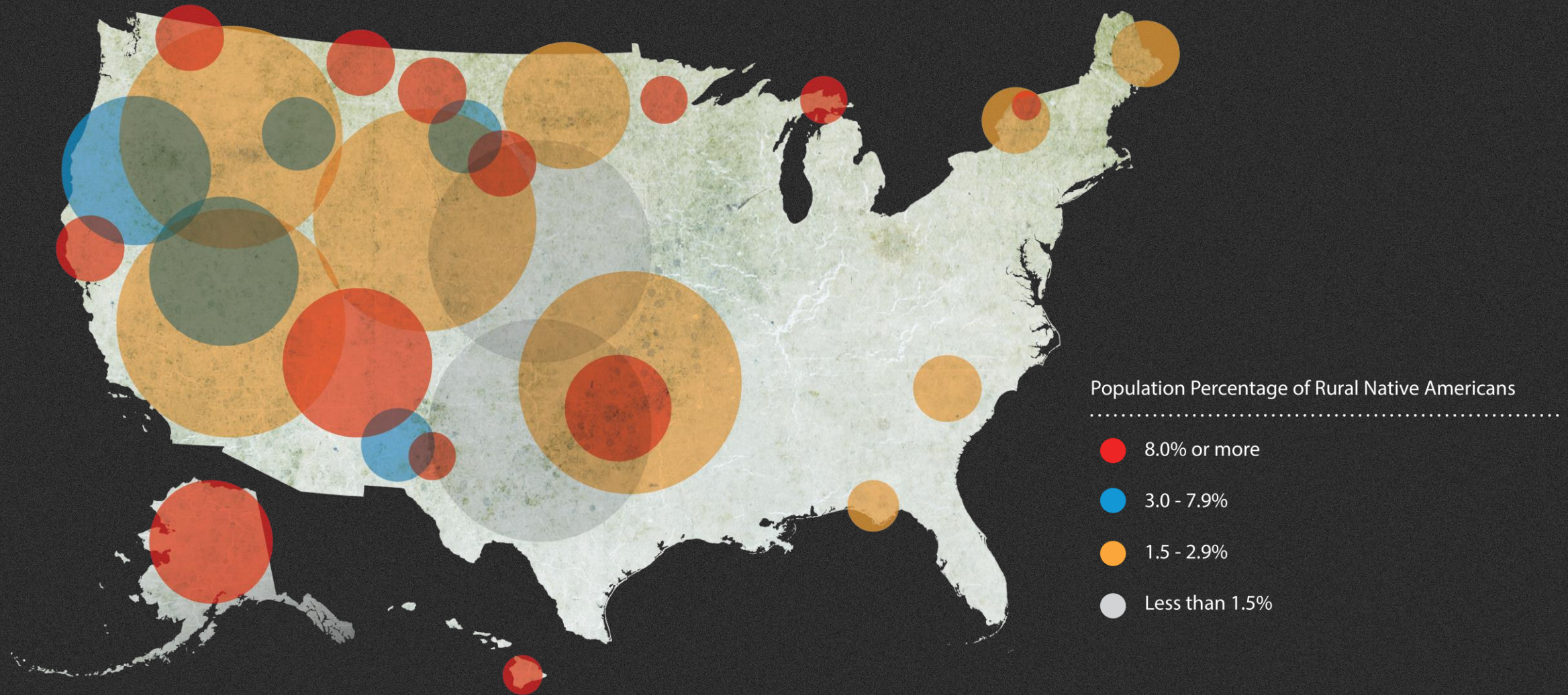
Solutions to Uphold the Trust Responsibility:

- Expedite Agriculture Resource Management Plan
- Comprehensive Reports of Agriculture Leases
- Access to Traditional Foods on Federal Lands
- Interdepartmental Coordination



# Rural Populations

An investment in Indian Country's food and agriculture infrastructure is an investment in rural America's economic future





# Reimagining Native Food Economies



**Investing \$3.4 billion to build infrastructure  
will easily return \$9+ billion of value.**

This investment will support Tribal economies, improve rural economies, ensure long term success for Native farmers and ranchers and will contribute to the creation of a self sustaining, resilient, new American food system.





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**[www.NativeAmericanAgricultureFund.org](http://www.NativeAmericanAgricultureFund.org)**