



**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

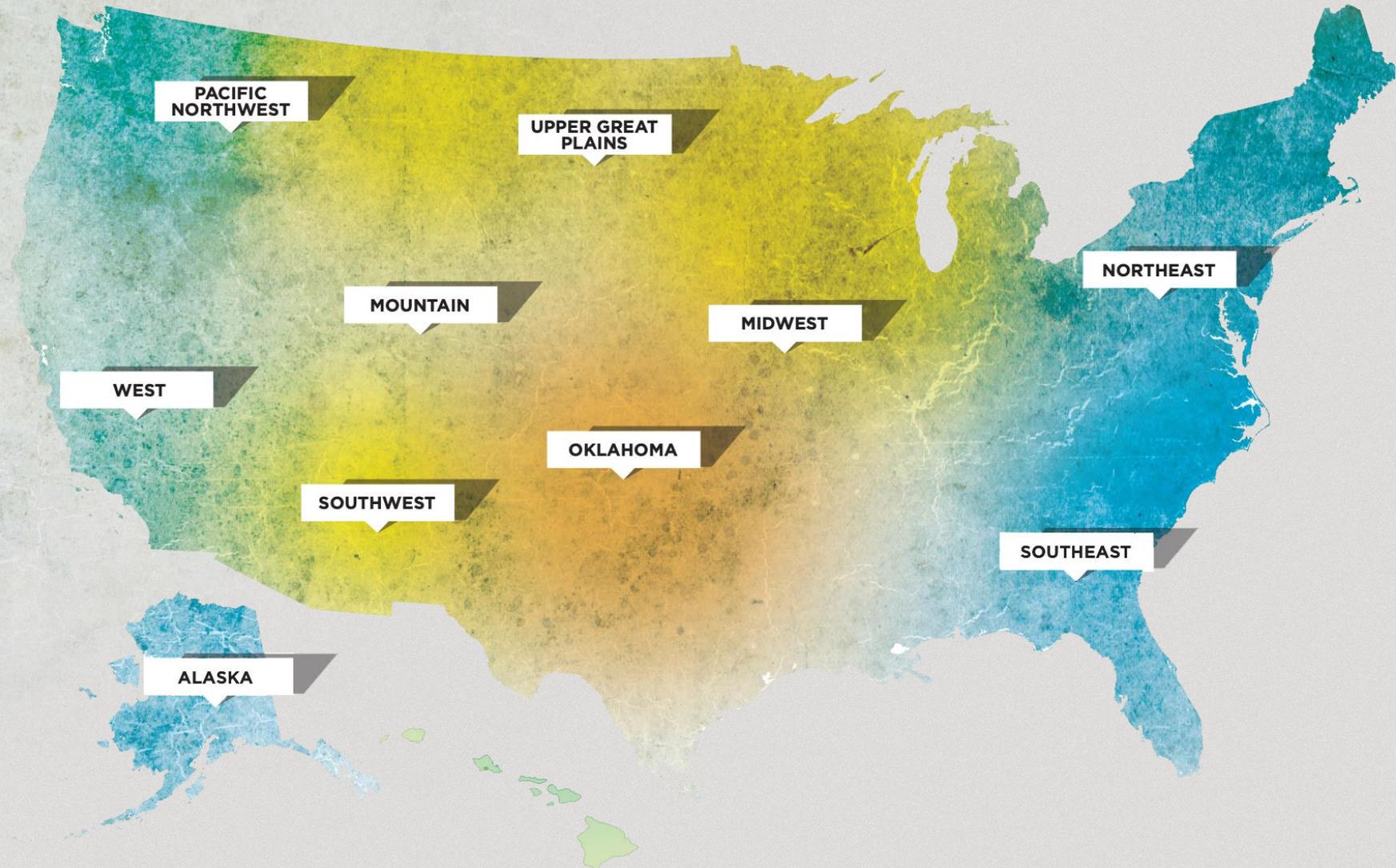
THE REGIONAL HUB MODEL



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

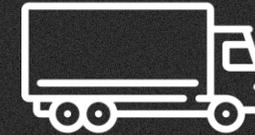
2.3%

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

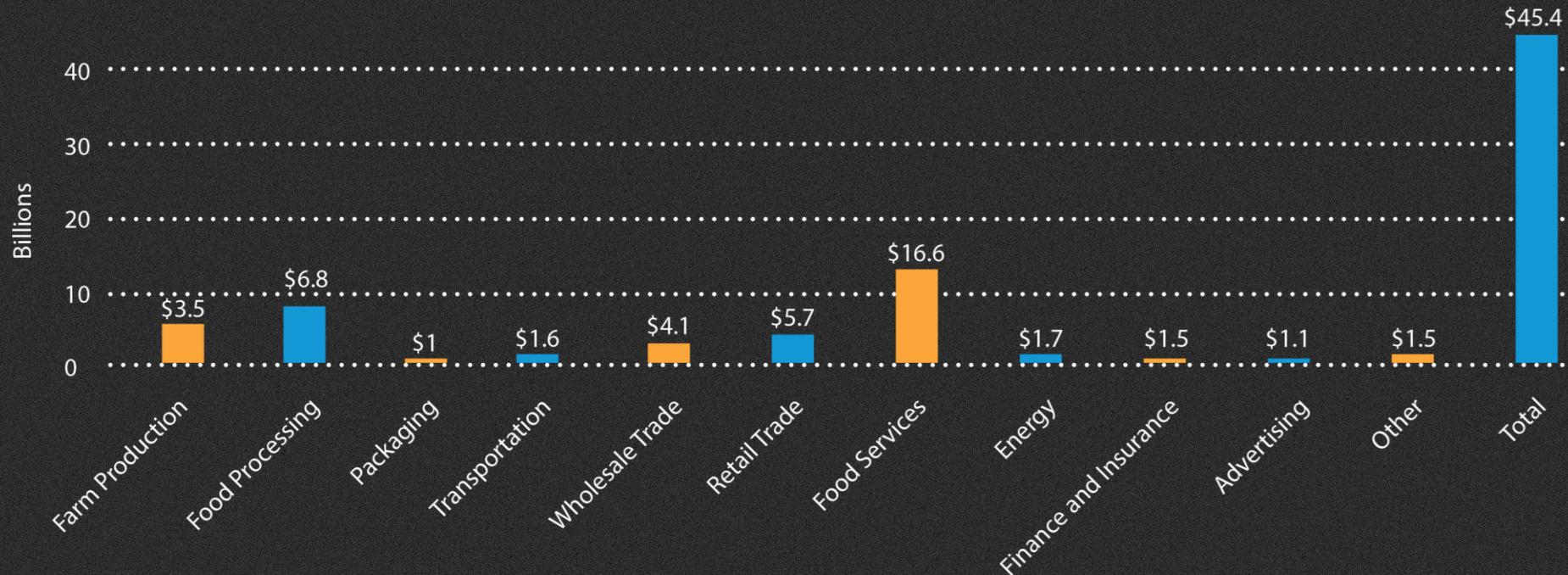
THE ECONOMIC IMPACTS



\$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 Crops and Grains	\$5,000,000	10	One Time Investment	\$50,000,000
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



\$ PER HUB

OF HUBS

OF YEARS

TOTAL

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

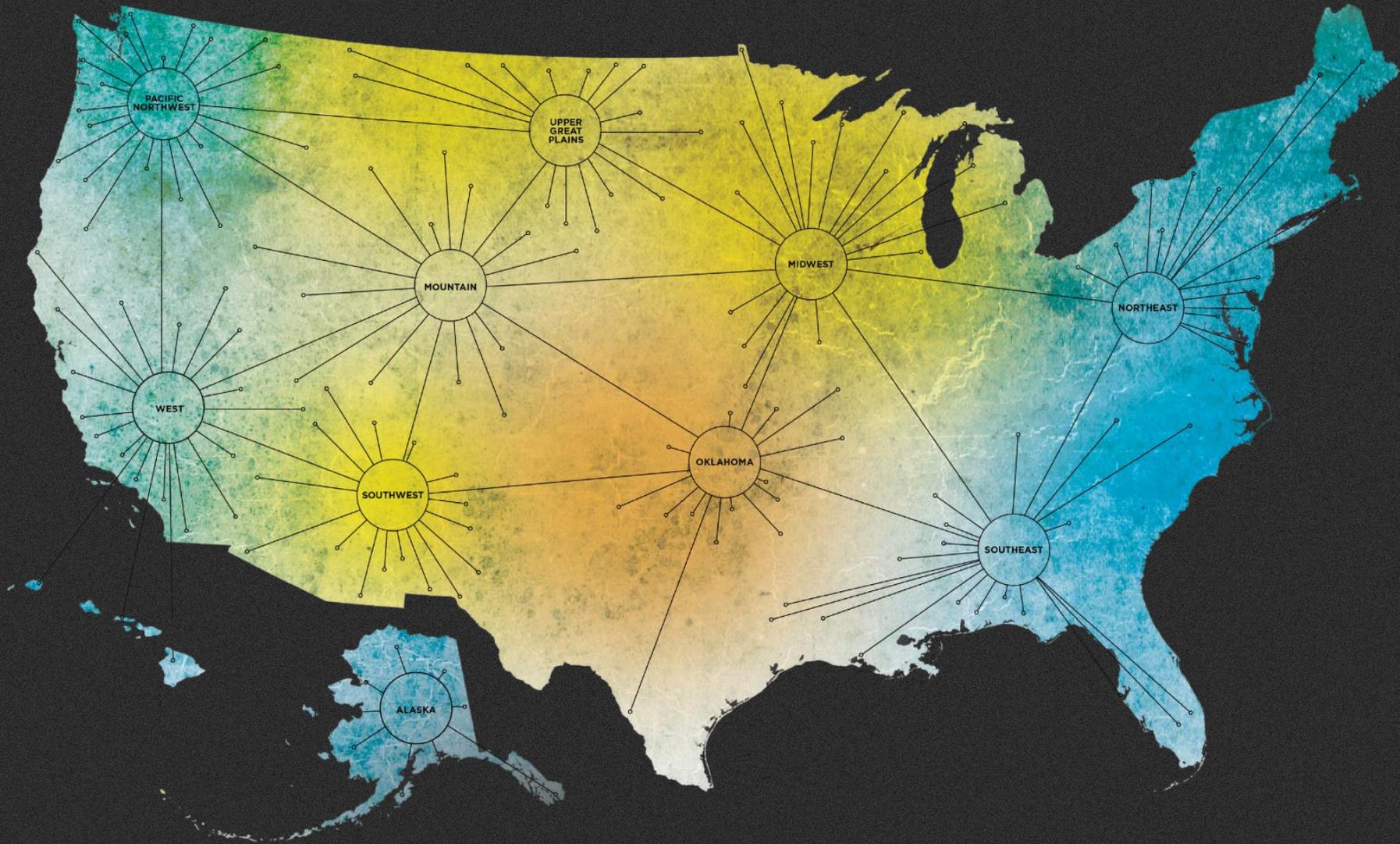
\$40,000,000

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

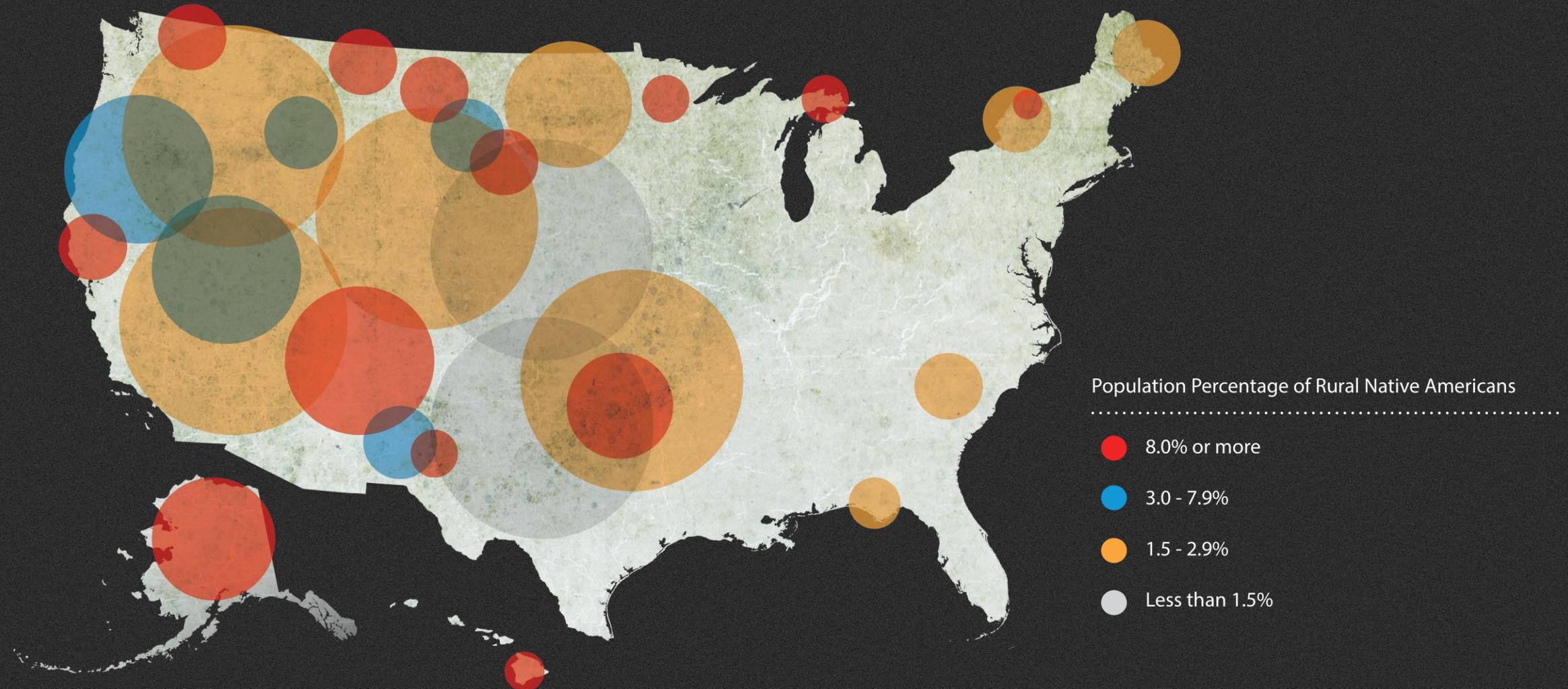
Bureau of Indian Affairs (BIA)

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.



**Belton Moore (Lumbee)
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www.NativeAmericanAgricultureFund.org