



From NBAF to the Future 2025 and Beyond

President Kirk Schulz

NBAF Update: Project Synopsis



NBAF Project Funding Commitments

Source of Funds	FY2006-14 ⁽¹⁾	FY15 Budget ⁽²⁾	Total
Federal Appropriations	\$607.6 Million	\$310.0 Million	\$917.6 Million
State of Kansas	\$307.0 Million	---	\$307.0 Million
City of Manhattan	\$5.0 Million	---	\$5.0 Million
Total	\$919.6 Million	\$310.0 Million	\$1.2296 Billion

⁽¹⁾ Assuming \$404 Million in the FY 2014 Appropriation

⁽²⁾ Anticipated to be in the DHS FY 2015 Budget

NBAF Update: Construction Status

Central Utility Plant (CUP)

- ✓ CUP = 87,000 gross square feet
- ✓ LAB = 580,184 gross square feet
- ✓ Estimated Operation: 2020



Groundbreaking
May 28, 2013

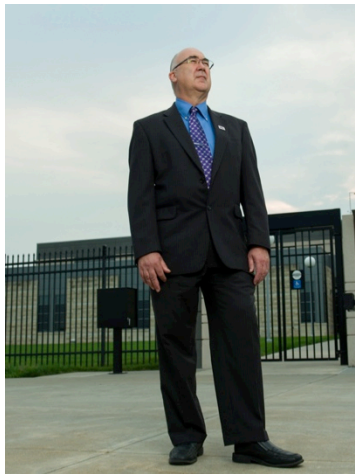


Where we are today

- Ron Trewyn named to lead NBAF efforts
 - Full-time resource – as promised
 - Building academic *and* business partnerships
 - Iowa State
 - Lawrence Livermore National Lab
 - General Mills Research Unit
 - First new company expands to area
 - Midwest Veterinary Services builds \$10 million Veterinary and Biomedical Research Center



BRI: Accelerating NBAF research



- Fully operational BSL3 facility
 - Stephen Higgs named director
 - Unique capabilities in crop and animal disease
- Coordinating with Plum Island
 - \$35 million pledged for research
 - Ongoing NBAF disease research:
 - Classic Swine Fever
 - African Swine Fever
 - Rift Valley Fever
 - Japanese Encephalitis
 - Bovine Pleuropneumonia
 - 29 projects in process or completed

Leveraging NBAF: Global Food Systems

Innovation

NBAF, BRI, KSUIC, KSURF, KSU Foundation



Education/Talent

Three-campus system and KSRE



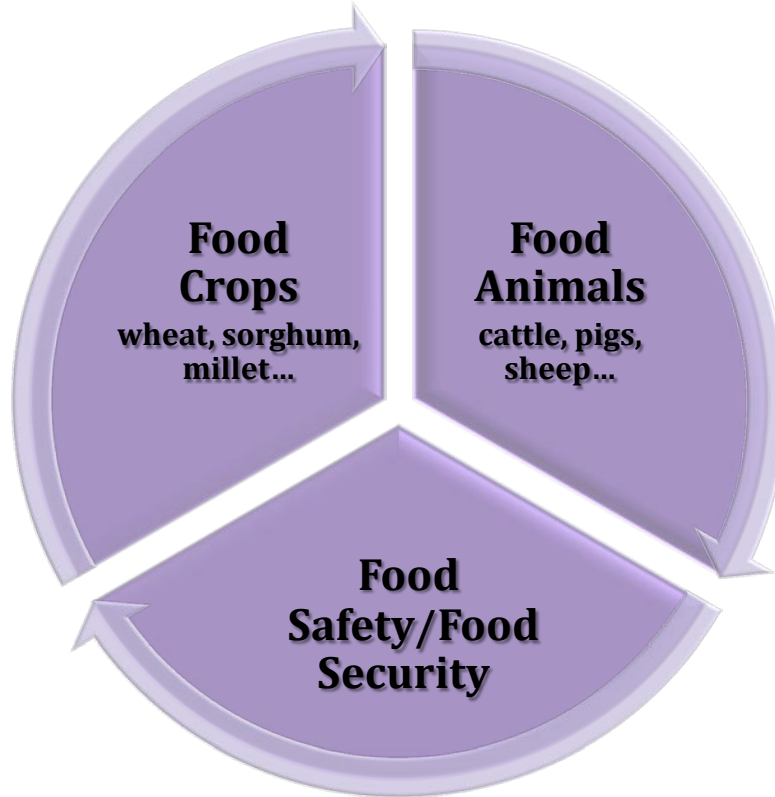
Targeted industry

Animal health, food safety and food security

Source: Federal Reserve Bank of Cleveland

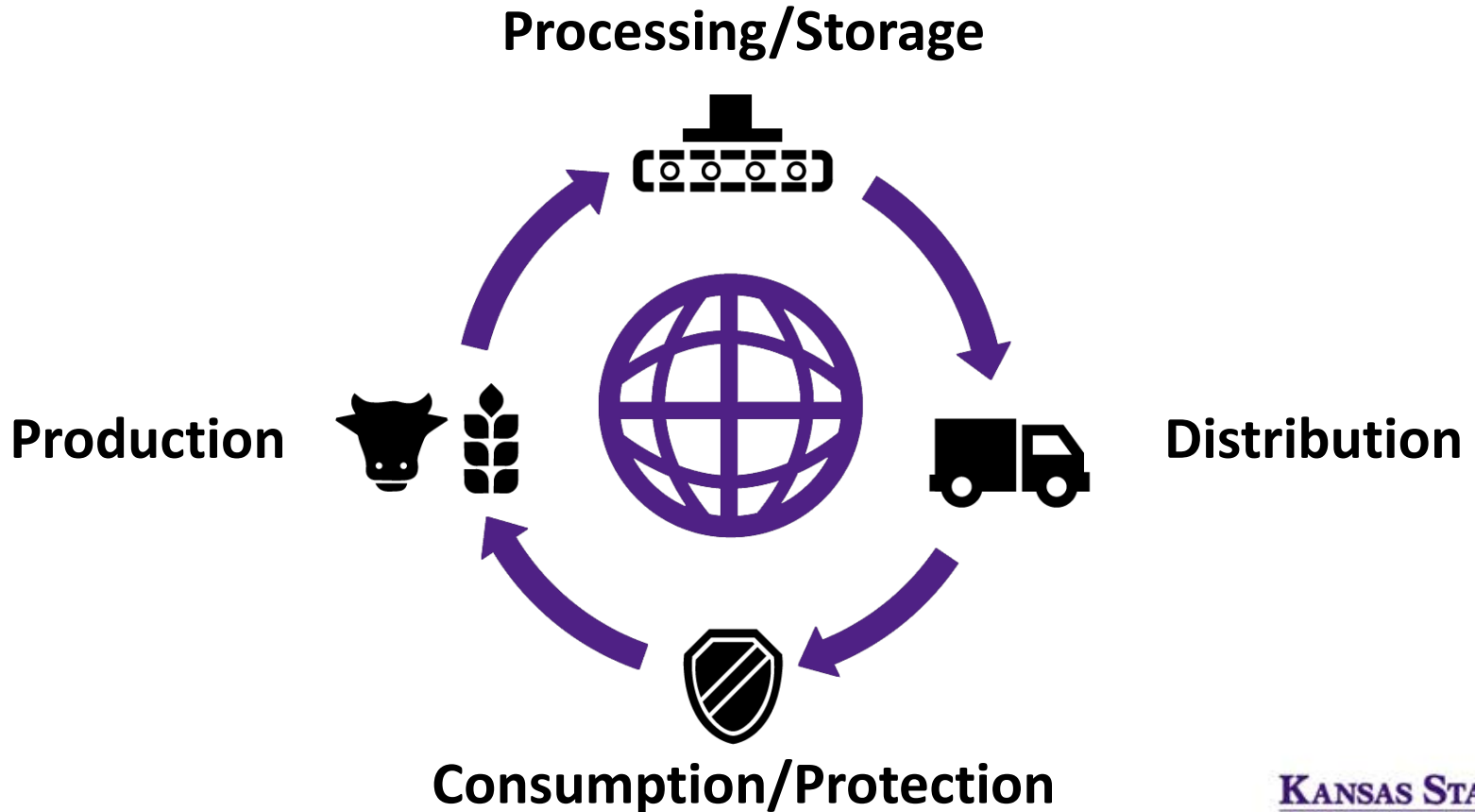
Global Food Systems

“Field to Fork” Assets and Expertise



KANSAS STATE
UNIVERSITY

Global Food Systems expertise

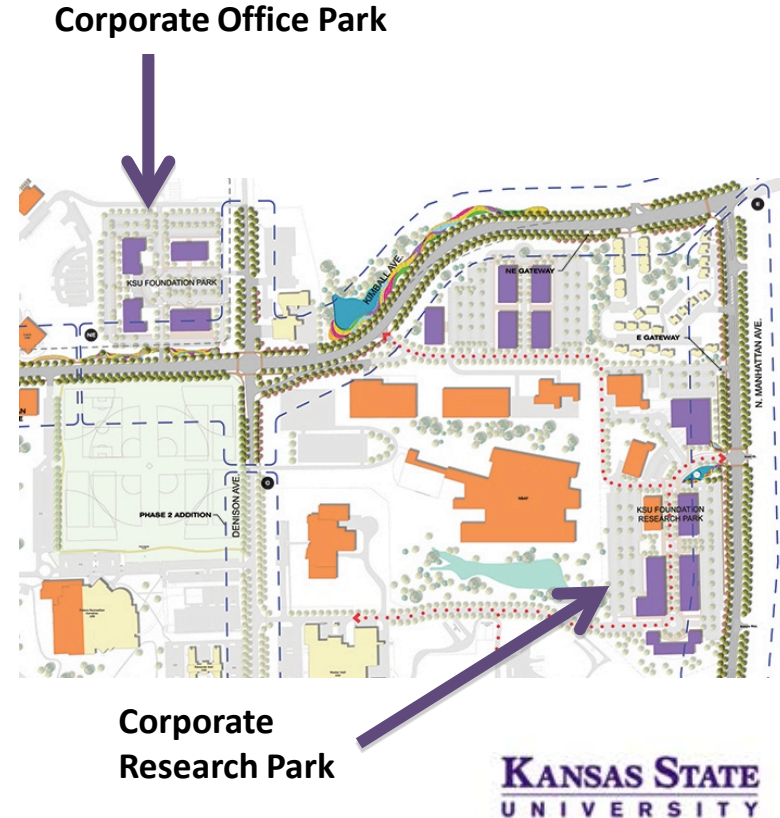


A corridor focused on global food systems



An initiative built on corporate partnerships

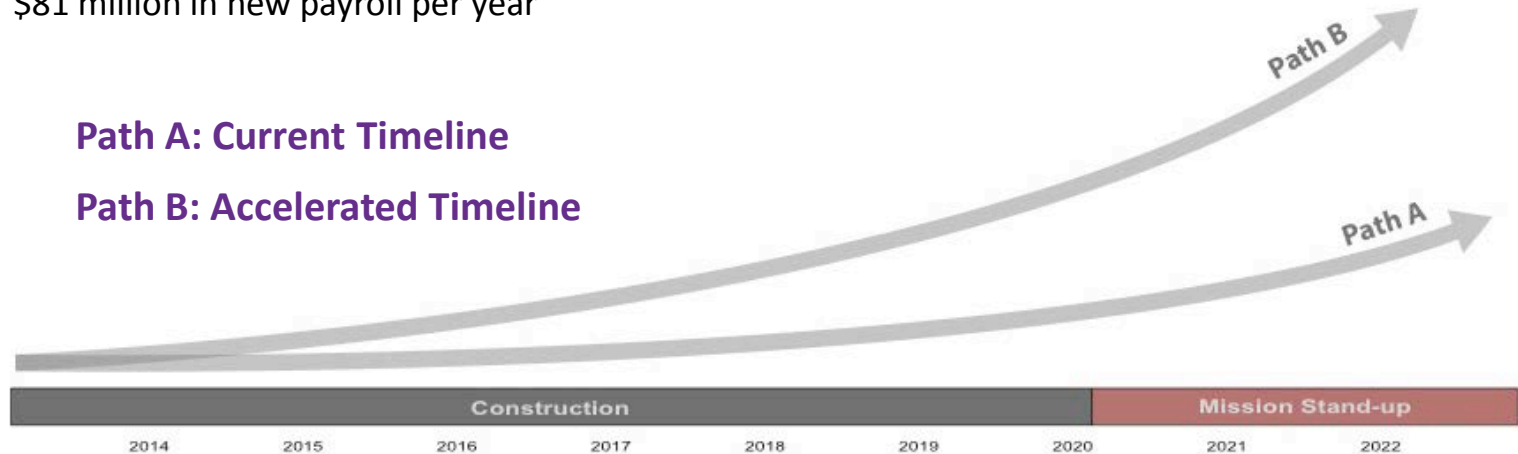
- Focus north campus growth
- Attract corporate partners
 - Innovation/extended research partnerships
 - Talent acquisition and retention
 - Training
 - Private investment
- Integrate campus, city, and state



Accelerating NBAF's ROI

Projected Demand by 2035

- 70 acres of campus land for development (currently have 39 acres)
- 400,000 sq. ft. in new research and office space
- 1,200 new professional jobs projected
- \$81 million in new payroll per year



Estimated NBAF time line



VIDEO



Creating prosperity for Kansas:
The global leader in global food systems

KANSAS STATE

U N I V E R S I T Y