



tech GrowthTM

Definitions

- Mandated by Congress
- Licensing or utilizing research
- DoD, USDA, NIH, NASA and DOE
- All Major Universities

Stats on Tech Transfer¹

- 24,500 new inventions per year
- 5,600 new licenses issued per year
 - 14,000 patents filed; 5,906 patents issued
- \$206B spent **annually**
- \$2.5B licensing revenue annually (cumulative)

¹ NIST 2009 Federal labs; AUTM 2010 data

Invention Evaluations

Electronic Medical Tags

Biological Termite Control

Temperature Control in
Space

Healthier Frying Batter
(CrispTek)

Pill Bottle Cap Timers

GPS Surveying System

Fetal Testing for Jaundice

Natural Insect Repellent

Edible Food Coating

Virtual Fence

3-D Scanning System
(TriLumen)

Alzheimer Assistant System

Aerial Location System

Soy Hydrogels

Encryption Program

Flame Resistant Fabrics

Buckybot Robots

Image Enhancement

Ethanol from Biomass

Vaccine for Dairy Cows

Polymer Bone Implants

Casein Film Coatings

Magnetic Nanotubes

Slow Release Fertilizer
(NutriGrown)

Macular Degeneration Test

Salmonella Vaccine

Health Monitor

Production of Limonoids

Green Detergents

Public Private Partnerships

ACADEMIA

- RESEARCH/T2
- LIFELONG LEARNING
- ECONOMIC IMPACT

INDUSTRY

- INVESTMENT
- PROFIT
- PROCESS
- PRODUCT
- JOBS

Inseparable
Missions

GOVERNMENT

- SUSTAINABILITY
- QUALITY OF LIFE
- ECONOMIC POLICY
- FUNDING

FOUNDATIONS

- ECONOMIC GROWTH
- COMMUNITY INVESTMENT
- REGIONAL COLLABORATION

The greatest improvements are made at the intersections

Questions?

Back-up slides

NutriGrown, LLC

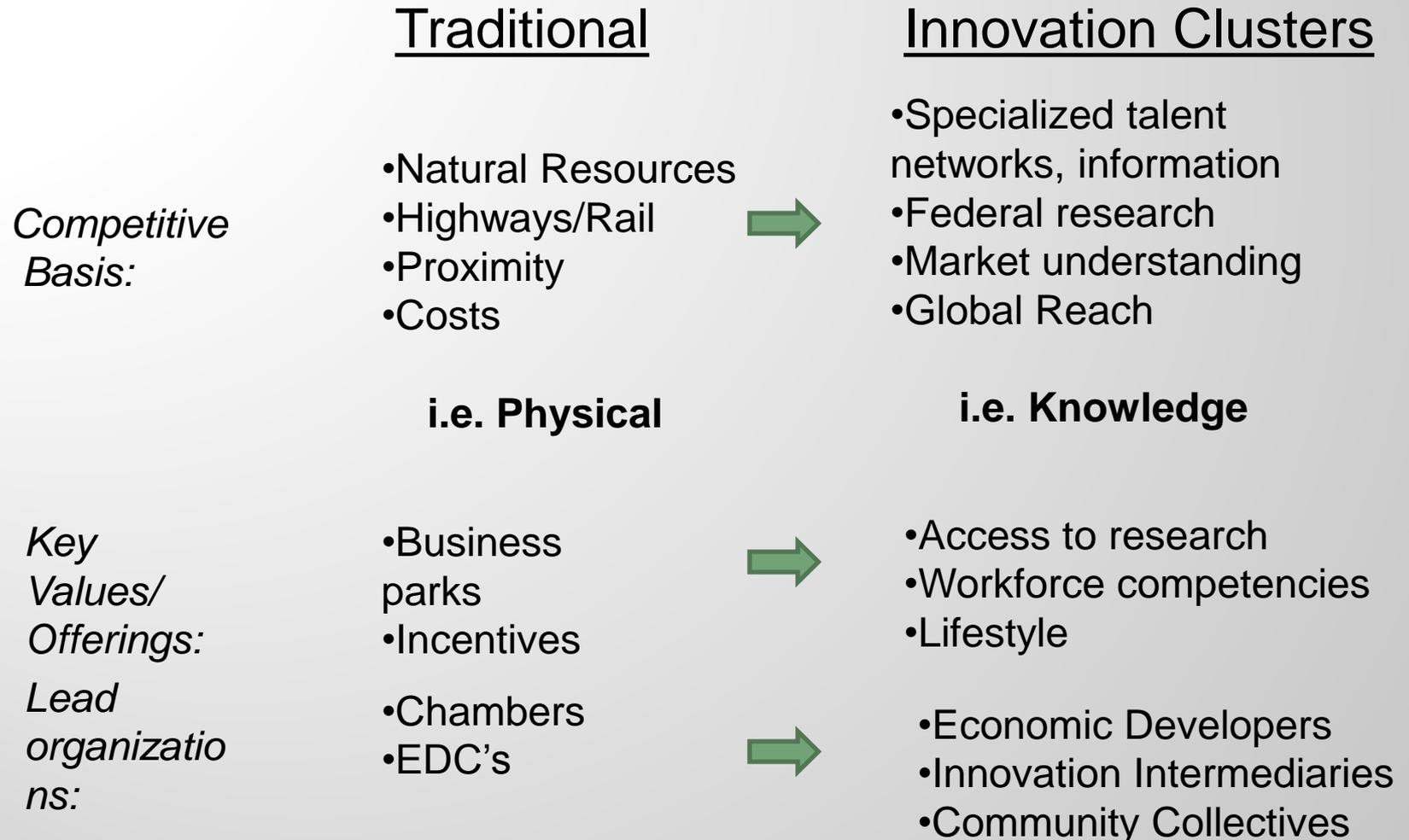


1st Product Prototypes

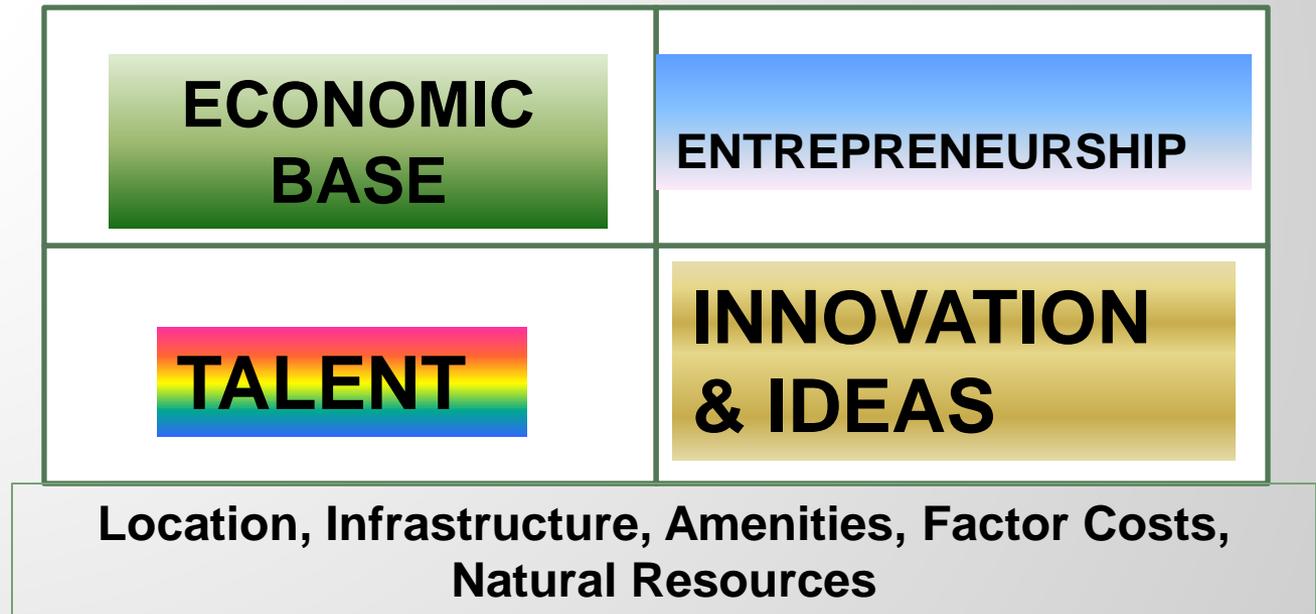


- Matrix Slow-Release Technology Binds Nitrogen & Phosphorus in Soil
- Reduces Nutrient Environmental Leaching by up to 90% vs. Other Slow-Release Products
- Source of Micro-Nutrients
- Slowly Feeds Plants
- Helps Retain Soil Moisture
- Helps Prevent Soil Compaction
- USDA/ARS - Patent Pending

Traditional & Innovation-Based Development



Innovation Cluster



*The basic conditions defining the
economic milieu of the area*