



regionerate



Economic Development, Ecosystems, and Cross-Sector Collaboration

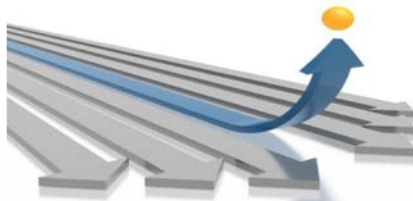
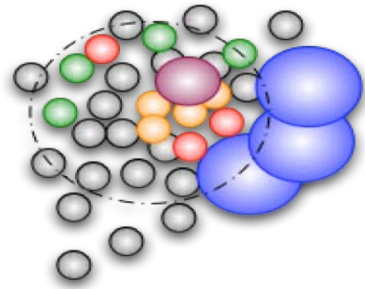
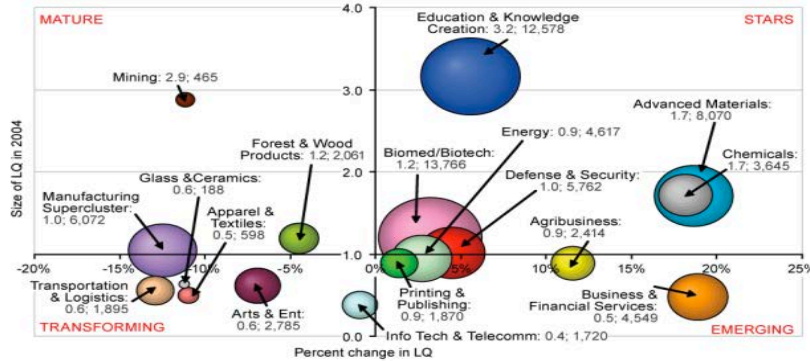
Linda Fowler

President, Regionerate

March 2018

Regionerate approach

(1) Identify; (2) Activate; and (3) Support



Identification:

What are our assets and how could they be connected?

Activation:

What are our priority collaborative investments?

Support:

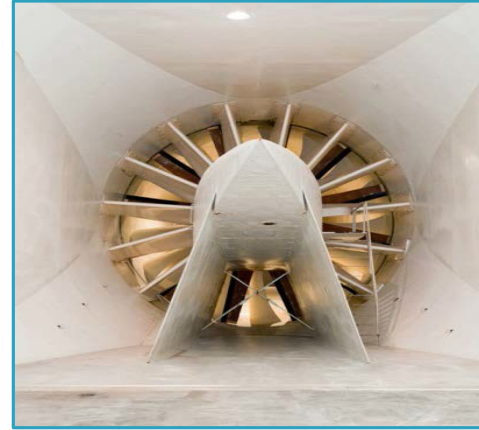
How do we leverage and sustain collaborative innovation?

NASA Key Products and Services

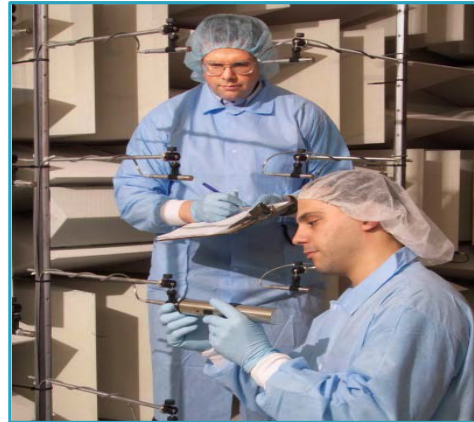
**Intellectual
Property**



**Facilities Test (FT)
Services**



**Research, Development, Test &
Evaluation (RDT&E)
Services**

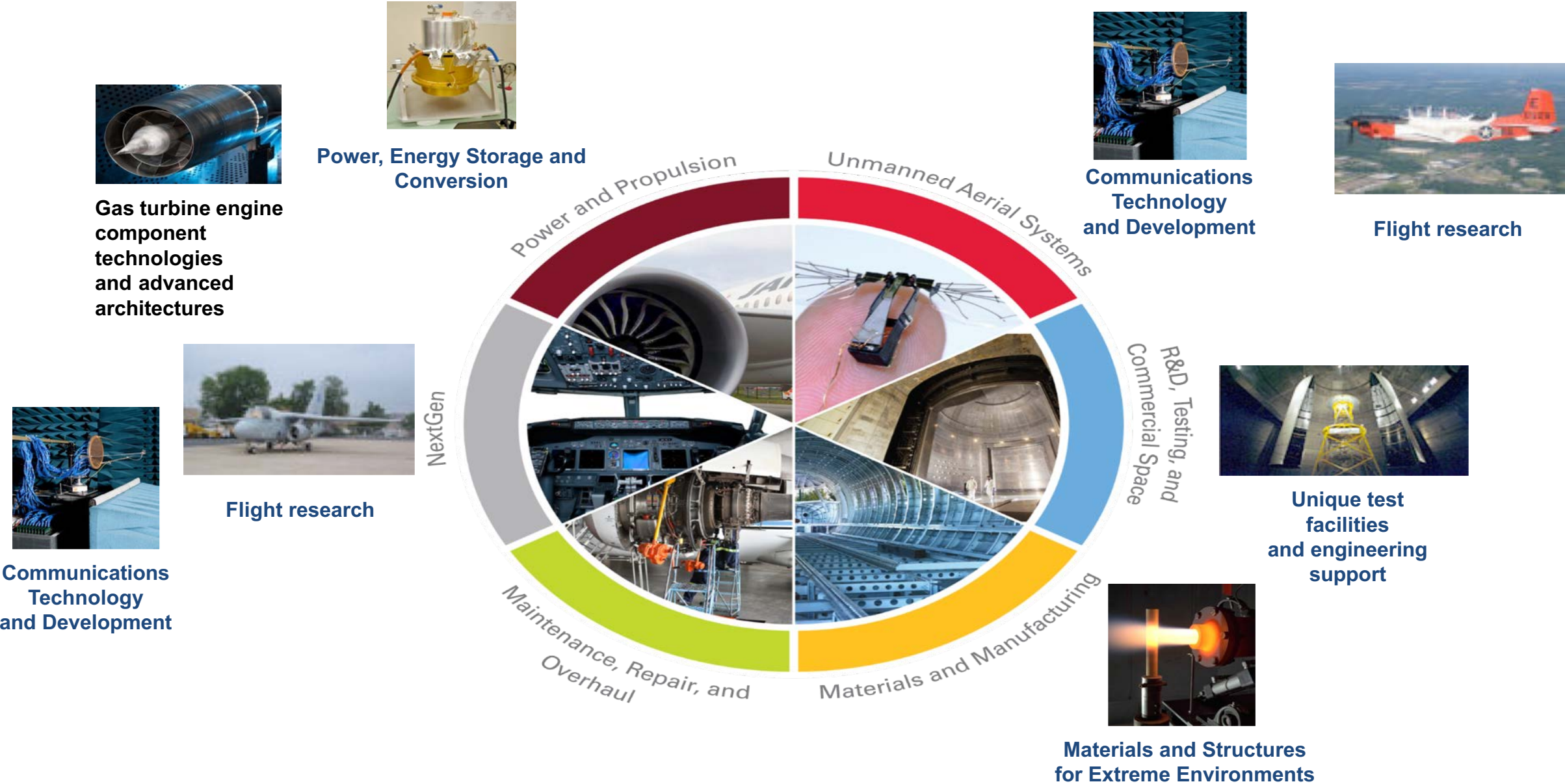


**Subject Matter Expert (SME)
Services**



Going from technology pushers to problem solvers!

Example: GRC capabilities and technologies are aligned with Ohio's aerospace, aviation, and defense priorities



Create/Develop Regional Ecosystems (Maturity Model)



Regional Assets:

- Industry
- Local/State government
- Philanthropy, Investors
- Universities/ Community Colleges
- Intermediaries (eg MEPs)
- Incubators/Business support

Federal Assets:

- NASA SMEs, Technologies, Facilities, SBIR
- SBA, EDA, I-CORPs
- Etc.

- Regional SWOT Analysis
- Industry/Market Analysis
- Stakeholder forums
- Regional/ State leadership determination
- Brainstorming

- Technology Showcase
- Technology Interchange Forums
- Technology Roadshows
- Adopt a Region
- Tech Connect
- Intermediary Linkages
- Start-Up activities
- Proof of Concept Centers
- NASA Executive in Residence
- Technology Docking
- Reach-back to all NASA Centers

- Co-development
- Technology licensing
- Collaborative R&D
- Private investor funding
- OEM funding
- Regional Investments
- Public-Private Partnerships
- Philanthropy



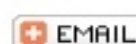
Breaking News

+

Groundbreaking NASA Technology to be Showcased in Detroit

SME forum will promote transfer of NASA technology to manufacturing purposes.

Detroit (PRWEB) January 28, 2014



SME and The New Economy Initiative for Southeast Michigan (NEI) have joined forces to create the [SME Technology Interchange](#). This first-time event features 25 NASA innovations that can transfer to business and manufacturing applications. It will take place on Wednesday, February 19, 2014, at the College for Creative Studies (CCS) in Detroit.

Space-age technology designed for businesses.



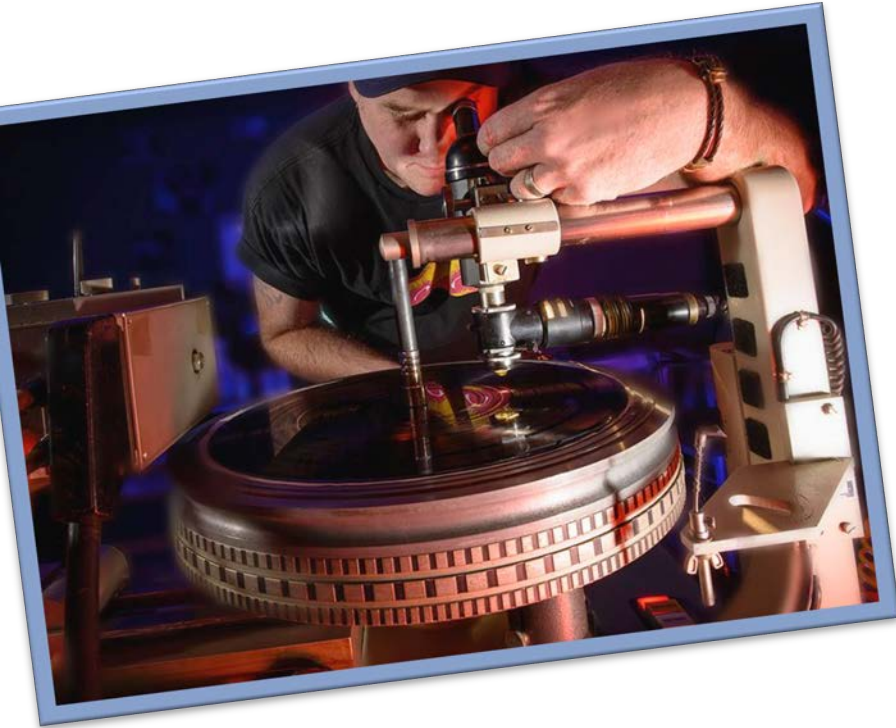
Florida's Space Transition



- End of NASA's Space Shuttle program
- Major economic dislocation
 - 7,000-9,000 contractors laid off Oct 2010 - Feb 2013 at NASA Kennedy Space Center
 - Up to 15,000 indirect job losses in East Central Florida
- Estimated 5 year gap to next major human spaceflight program
- Challenging economic environment

ADOPT-a-CITY

GREATER CLEVELAND AREA



A collaboration between

- NASA Glenn Research Center
- Cuyahoga County
- City of Cleveland
- Manufacturing Advocacy and Growth Network (MAGNET)

This program helps manufacturers who are facing challenges with their products and processes. Companies receive the support of NASA Glenn Experts, as well as access to low-interest loans provided by the City of Cleveland and Cuyahoga County.

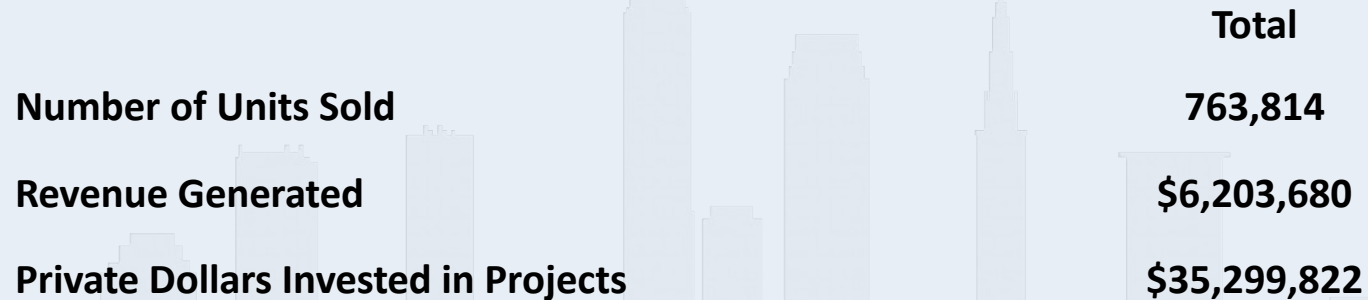


ADOPT-a-CITY

Leveraging NASA's SMEs to Resolve Technological Challenges in the
GREATER CLEVELAND AREA

Economic Impact Realized by Adopt a City Participants

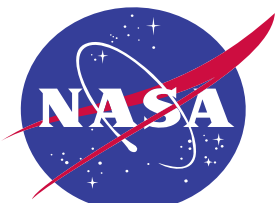
Reported as of December 31, 2016*



Number of Units Sold	Total
	763,814
Revenue Generated	\$6,203,680
Private Dollars Invested in Projects	\$35,299,822

**Metrics collected by MAGNET using MEP approach*

- 40-hours of Subject Matter Expert Consultation Services Per Company
- 20 Companies Served
- Hosted 3 Adopt-a-City Events Since 2012



LANGLEY RESEARCH CENTER

258 Patents

\$1

 **Jefferson Lab**

160 Patents

BILLION

... innovation is a key driver of entrepreneurship and economic growth



EDA i6 Challenge Grant
**CONGRATULATIONS
HAMPTON ROADS!**

\$719K
\$ = \$500k
IK = \$219

