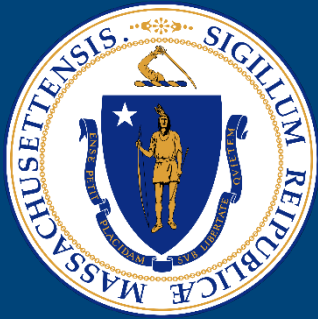




Commonwealth of Massachusetts

Learning from Manufacturing USA Institutes

Katie Stebbins

Massachusetts Asst. Secretary, Tech, Innovation & Entrepreneurship

5/23/17



Massachusetts Manufacturing Innovation Initiative (M2I2)



- **Manufacturing USA infrastructure within the state's academic, research and manufacturing industry.**
- **Over the next 5 years the state has committed \$113M across five centers:**
 - AIM Photonics, Integrated Photonics
 - NextFlex, Flexible Hybrid Electronics,
 - AFFOA, Advanced Fibers and Textiles
 - ARM, Advanced Robotics Manufacturing
 - NIIMBLE, Manufacturing Biopharmaceuticals





The Massachusetts "Story"



BROAD
INSTITUTE



MIT
Lincoln
Laboratory



Northeastern University

DRAPER



Boston
Children's
Hospital

Until every child is well™

MITRE



MASSACHUSETTS
GENERAL HOSPITAL



Innovate

Lead

Collaborate



Harvard Pilgrim
HealthCare



GREENTOWN LABS





Democratizing Innovation



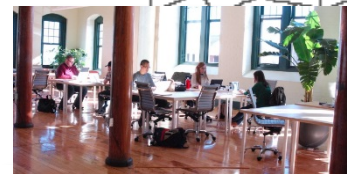
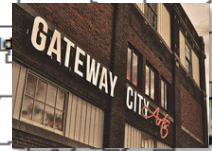
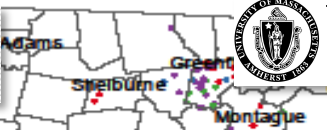
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W. Mass Food Processing Center



Haverhill Hackers



GroundWork New Bedford





Integration into State Programs



■ Institute Roadmap

- National relationships to grow the Institute
- Sustainable business model needed
- OEM memberships grow budget faster
- Institutes under pressure to grow fast
- Multiple state interests need to be balanced

■ State Roadmap

- Leverage local supply chain to boost local opportunity
- Clear ROI for State cost share needed
- SME's need exposure to new technologies and opportunities
- State interests may not align with Institute interests