



Massachusetts: Innovation Gateway-Global Education Center

Global Massachusetts 2015: A Talent and Innovation Based Economic Strategy

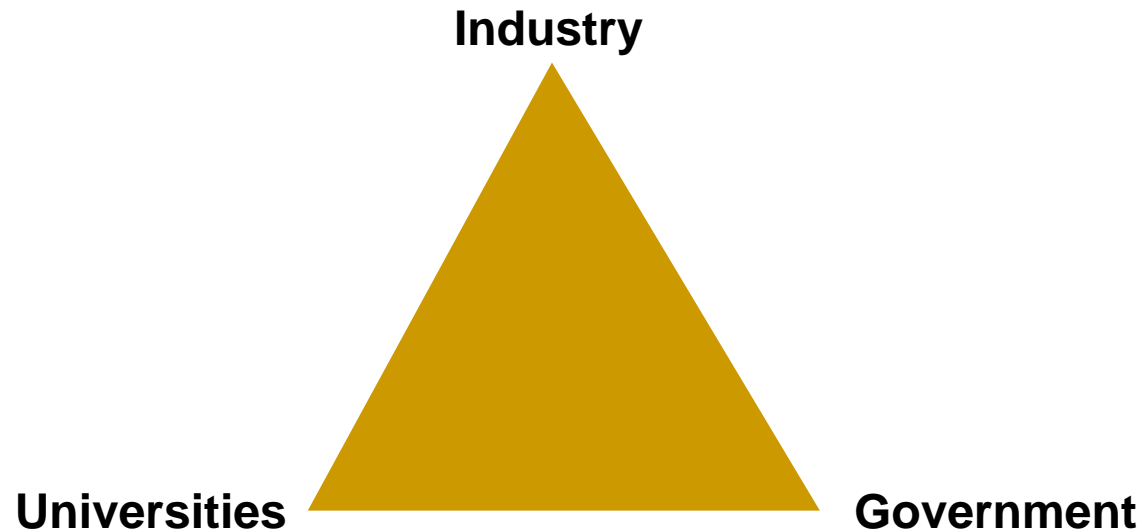
Massachusetts Alliance for Economic Development
Playing to Win: MA Place in the Competitive Landscape
June 22, 2007

William Guenther
President, Mass Insight Corporation

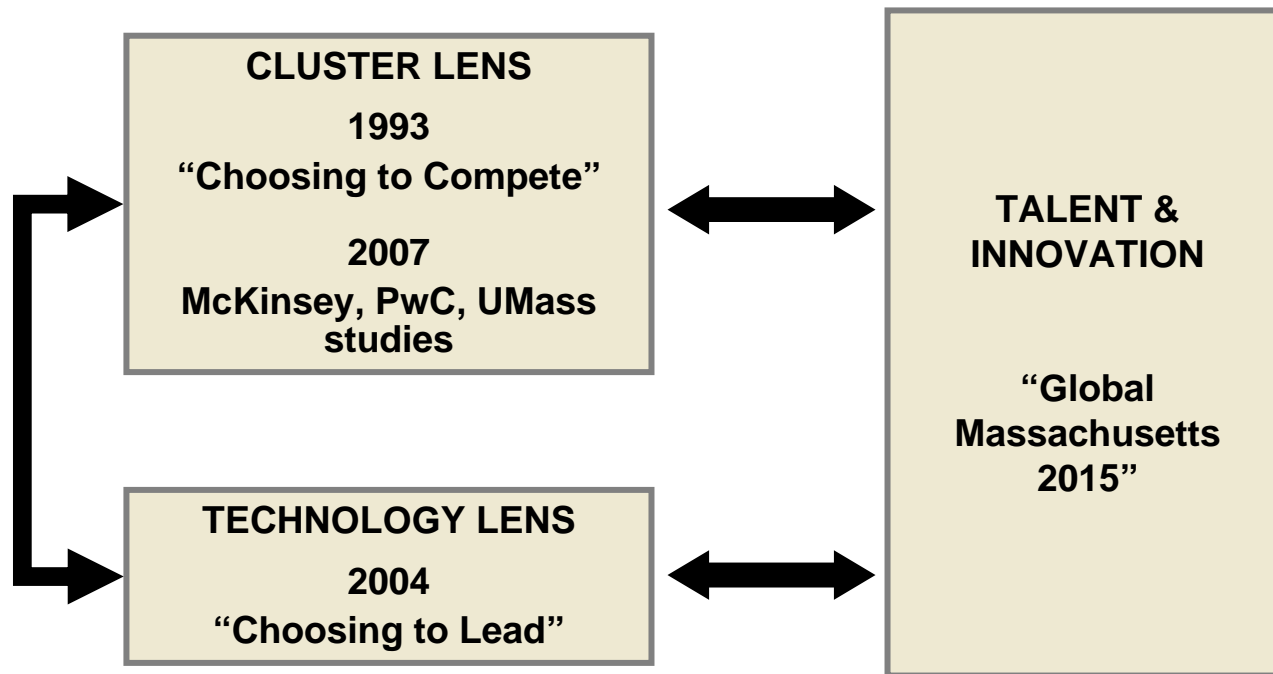


The Golden Triangle of Economic Growth

Strategic alliances are the key to R&D leadership and economic growth

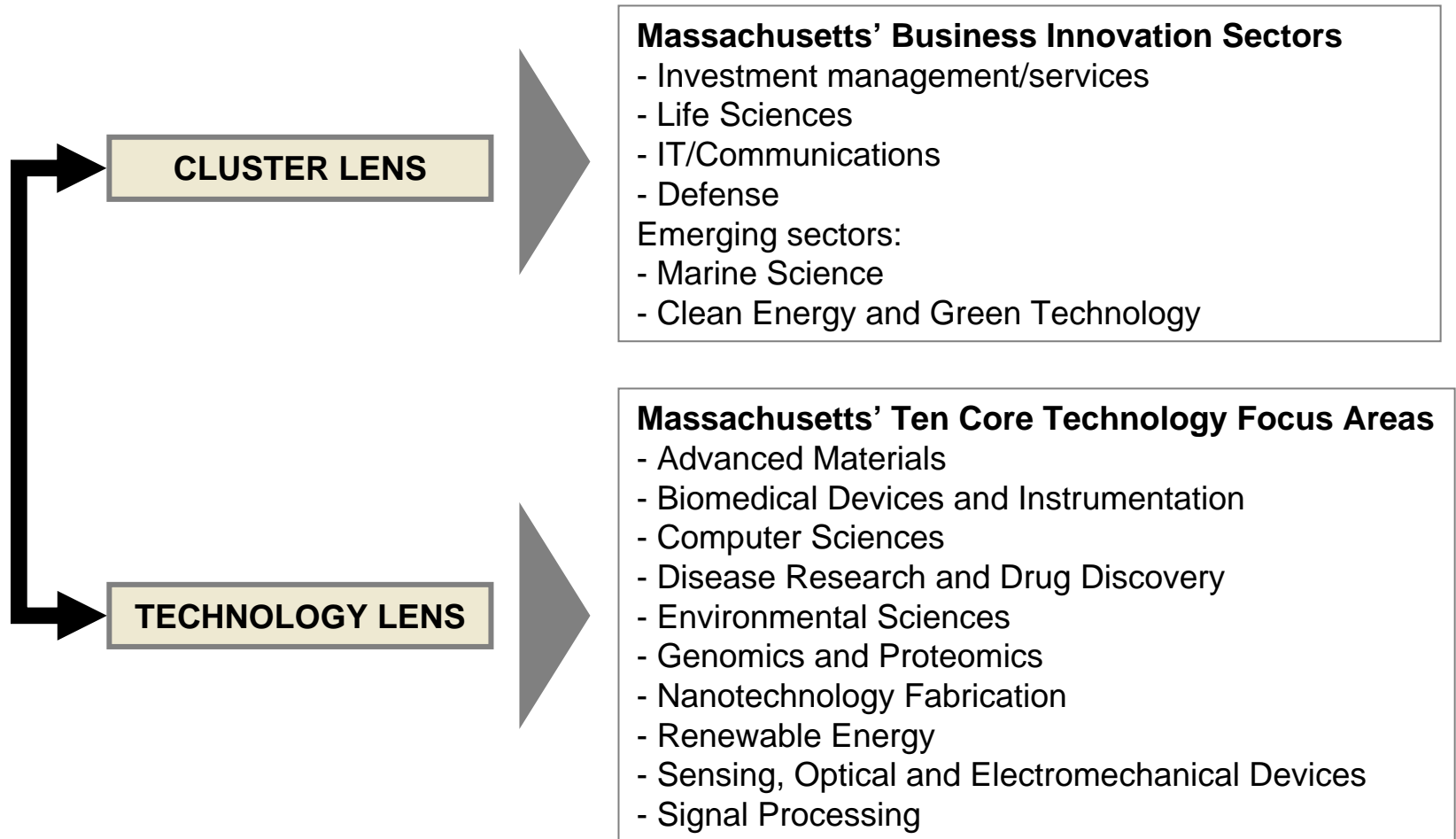


A Comprehensive Economic Development Strategy



Organizing industry leadership
And sector-based visions for
Success in 2015, framed around
talent, innovation and technology.

Massachusetts' Key Opportunity Areas



Global Challenges – Mass. Opportunities

Will Massachusetts be a world center for...

- **Investments:** Retirement strategies/products (global)
- **Life Sciences:** Development of personalized medicine, next generation companies
- **IT/Communications:** Defense systems, nanoscale manufacturing, integrated communications
- **Environmental Sciences:** Climate change (sensors and monitoring)
- **Renewable Energy:** Storage, biofuels, solar
- **Pk-12 Education:** World class math/science teacher development



Four Talent and Innovation Investment Strategies: Broad-based and Targeted Opportunities

1. Invest in **research/technology leadership**: Global challenge R&D centers – Build on Gov’s \$100MM life sciences proposal – life sciences *plus* other key areas
2. Invest in **local talent/pipeline**: UMass/higher education funding and strategies; community college system
3. Recruit and educate **national/global talent**: Globalize the education system. *Special focus: Asia*
4. Invest in **regional development**: transportation, housing, infrastructure (priority sites)



With fiscal constraints, where do we start?

Invest in research and technology leadership

Global Challenge Center impacts

Regional alliances, global partnerships

- Lead in science
- Recruit companies – create good jobs
- Commercialize innovation, create applications
- Lead in education – Develop/recruit local, global talent

MA Capital Budget (UCal Science Institutes model)

- \$50 million/five years state capital commitment
- 2-1 match of federal/private funds; \$ drive collaborations
- Peer-reviewed selection framed by sector studies, Technology Road Map



Global Massachusetts 2015

Will we be a major gateway for Asia?