

COMMONWEALTH OF MASSACHUSETTS

Executive Office of Housing and Economic Development

OFFICE OF PERFORMANCE MANAGEMENT & OVERSIGHT

Massachusetts Technology Collaborative

FISCAL 2015 ANNUAL PLAN

6/1/2014

INTRODUCTION

The Massachusetts Technology Collaborative Fiscal 2015 Annual Plan complies with the requirements of the Office of Performance Management Oversight created by Chapter 240 of the Acts of 2010 – An Act Relative to Economic Development Reorganization. It includes goals set for the year and the performance measurements by which to evaluate goals, programs, and initiatives. This plan also demonstrates alignment where applicable with the Commonwealth’s economic development plan and policy, Choosing to Compete in the 21st Century.

AGENCY OVERVIEW

The Massachusetts Technology Collaborative (MassTech) is an innovative public agency working to support a vibrant, growing economy across Massachusetts. MassTech develops meaningful collaborations across industry, academia and government which serve as powerful catalysts, turning good ideas into economic opportunity within the state's growing technology sector.

MassTech is:

- Fostering the growth of dynamic, innovative businesses and industry clusters in the Commonwealth, accelerating the creation and expansion of firms in technology-growth sectors;
- Accelerating technology use and adoption, helping ensure statewide connectivity and promoting competitiveness; and
- Harnessing the value of research by supporting and funding research initiatives, and encouraging greater collaboration with industry to help bring ideas to market.

Through three major divisions, the Innovation Institute, the Massachusetts eHealth Institute and the Massachusetts Broadband Institute, MassTech is helping shape a vibrant economy.

FISCAL YEAR 2015 ANNUAL PLAN (please refer to instruction page provided – below allows for 10 goals; agency can add or the delete number of rows. Last year’s plans ranged from 5 to 10 goals per agency.

GOALS	STRATEGY	MEASUREMENTS
<p>100% Adoption of Interoperable Electronic Health Records by 2017</p>	<ul style="list-style-type: none"> • Launch eHealth eQuality Program • Launch Connected Communities Program, conduct Community assessment and planning, and develop Community Grant proposals • Continue Medicaid Meaningful Use Incentive Payment Program 	<ul style="list-style-type: none"> • 85% Organization adoption of EHRs • 10% of provider organizations enabled for exchange via the HIway • 10 EHR vendors directly connected to the HIway • Make up to 8 Connected Community awards
<p>Economic Development Plan Alignment: Above goal aligns with Category 5: Address our Cost Competitiveness – specifically 5.1.3: Accelerate use of eHealth technologies to support lower cost delivery of health care with equal or greater access and improved quality</p>		
<p>Support Massachusetts Health Reform Efforts</p>	<ul style="list-style-type: none"> • Adopt Health Policy Commission framework for community engagement • Launch Meaningful Use Support Services • Continue assessment of Massachusetts’ Health IT Adoption 	<ul style="list-style-type: none"> • Publish a statewide EHR plan update for FY’15 • 10% of individual providers enabled for exchange via the HIway • 900 providers using Meaningful Use services • Conduct 4 regional educational events on health IT • Conduct 2015 Provider and Consumer Health IT Adoption Survey
<p>Economic Development Plan Alignment: Above goal aligns with Category 5: Address our Cost Competitiveness – specifically 5.1.3: Accelerate use of eHealth technologies to support lower cost delivery of health care with equal or</p>		

greater access and improved quality

Engage Consumers using eHealth

- Continue connection between the HIway and patients
- Support provider Meaningful Use Stage 2 certification

- 2 patient “on-ramps” to the HIway
- 200 providers using the HealthCAWS patient engagement assessment tools
- Sponsor a patient engagement Innovation Award prize

Economic Development Plan Alignment: Above goal aligns with Category 5: Address our Cost Competitiveness – specifically 5.1.3: Accelerate use of eHealth technologies to support lower cost delivery of health care with equal or greater access and improved quality

Grow and Promote Innovation and the eHealth Cluster

- Enhance the initial baseline analysis of the Massachusetts eHealth Cluster
- Develop a committed group of industry leaders to advocate for this group of companies
- Continue support for the annual Massachusetts Connected Health Week
- Establish a pilot partnership with community colleges or vocational technology schools in the Commonwealth to support health information technology curriculum development and workforce development.
- Establish a structure and process for awarding “prizes” to support innovation in eHealth technology development.

- 5 CEOs committed to supporting eHealth Cluster growth
- Successful execution of MA Connected Health Week in October 2014
- Launch the Healthcare IT Workforce pilot in partnership with Community Colleges and/or Vocational Schools to train 150 students
- Conduct 3 eHealth Cluster Stakeholder events

Economic Development Plan Alignment: Above goal aligns with Category 5: Address our Cost Competitiveness – specifically 5.1.3: Accelerate use of eHealth technologies to support lower cost delivery of health care with equal or greater access and improved quality. Above goal also aligns with Category 2: Support Innovation and

Entrepreneurship, specifically 2.1.2: identify three to five emerging areas of global innovation excellence and support public-private collaborations to accelerate the growth of such areas. Above goal also aligns with Category 1: Advance Education and Workforce Development for Middle-Skill Jobs Through Coordination of Education, Economic Development, and Workforce Development Programs.

<p>Network Operations: Increase utilization of the MassBroadband 123 network resulting in improved service and lower cost.</p>	<ul style="list-style-type: none"> • Coordinate planning and implementation efforts with the Information Technology Division, Executive Office of Public Safety and Security and other state agencies. • Oversee and support marketing and outreach activities of network operator. • Provide technical assistance to community anchor institutions, municipalities and other potential public network customers, including broadband needs assessment and procurement assistance. 	<ul style="list-style-type: none"> • Number of new customers purchasing retail service on the network. • Amount of cost savings to municipal and state entities purchasing services off of the network. • Level of enhanced broadband services purchased by municipal and state entities at a comparable or lower cost. • Increased subscriptions by CAI
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Economic Development Plan Alignment: Above goal aligns with Category 3: Support Regional Development through Infrastructure Investments and Local Empowerment, specifically 3.1: Make public infrastructure investments that support regional growth opportunities

<p>Access to Broadband Services: Develop and implement early stage activities to promote expanded access to broadband service in unserved and underserved towns in western Massachusetts</p>	<ul style="list-style-type: none"> • Conduct outreach to municipalities, residents and businesses regarding benefits and costs associated with broadband infrastructure options • Work collaboratively with key stakeholders, including impacted municipalities, to develop broadband infrastructure development plan, including procurement and financing options • Work with incumbent service providers to support expansion of existing broadband infrastructure. • Explore regional network design and engineering that reflects technology options • Utilize internal mapping/GIS capabilities to support access and expansion efforts 	<ul style="list-style-type: none"> • Number of outreach meetings held and number of attendees. • Creation of broadband expansion plan that garners strong stakeholder support. • Development of regional network design. • Number of projects funded under pilot program to expand broadband infrastructure in western Massachusetts.
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Economic Development Plan Alignment: Above goal aligns with Category 3: Support Regional Development through Infrastructure Investments and Local Empowerment, specifically 3.1: Make public infrastructure investments that support regional growth opportunities

<p>Internet Adoption: Support increased internet use and digital literacy among target populations</p>	<ul style="list-style-type: none"> • Complete work under the federally funded grants • Continue to operate MassVetsAdvisor and CDC small business tech grants through completion of grant period and explore new partnerships and long-term funding opportunities • Design and implement new adoption programs 	<ul style="list-style-type: none"> • Monitor key CDC metrics of grants • Increase in number of unique visitors to MassVetsAdvisor.org • Increase in number of programs accessible to visitors of MassVetsAdvisor.org. • Design and launch <i>at least</i> one new adoption program backed by new grant funding.
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Economic Development Plan Alignment: Above goal aligns with Category 3: Support Regional Development through Infrastructure Investments and Local Empowerment, specifically 3.1: Make public infrastructure investments that support regional growth opportunities

<p>Monitor Broadband Availability: Deploy GIS tools to map broadband availability and adoption to better inform policymaking.</p>	<ul style="list-style-type: none"> • Continue to map state broadband availability • Improve broadband data at the address level to better inform policy process • Continue reporting obligations through end of federal grant 	<ul style="list-style-type: none"> • Accurate and timely reporting of data for federal submission deadlines in October 2014 • Create detailed mapping resources to support “Access to Broadband Services” initiatives
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Economic Development Plan Alignment: Above goal aligns with Category 3: Support Regional Development through Infrastructure Investments and Local Empowerment, specifically 3.1: Make public infrastructure investments that support regional growth opportunities

<p>Convening Early-Stage Collaborative Initiatives: Identify and organize key stakeholders to address opportunities or unmet needs for improving conditions for growth in the innovation economy.</p>	<ul style="list-style-type: none"> • Organize a mix of industry, academic, public and non-profit stakeholder leaders through roundtables, organizing committees, town hall gatherings or other methods, in focused policy/strategy sessions. 	<ul style="list-style-type: none"> • 4 new Convening's
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Economic Development Plan Alignment: Above goal aligns with Category 2: Support Innovation and Entrepreneurship, specifically 2.1.2: identify three to five emerging areas of global innovation excellence and support public-private collaborations to accelerate the growth of such areas.

<p>Research & Cluster Analytics: Improve the Commonwealth’s understanding of conditions for economic growth through data and analysis.</p>	<ul style="list-style-type: none"> • Produce a fact based benchmark for measuring the performance of the innovation economy. • Strengthen regional economic and cluster competitiveness through research and analysis leading to greater economic impacts. • Support and inform the evolution of policy strategies improving cluster development programs and services 	<p>Release annual Index of the Massachusetts Innovation Economy.</p> <p>Produce three published materials that advance understandings around discrete policy and cluster dynamics.</p> <p>Provide cluster analysis research materials to Big Data, Flexible Electronics and Advanced Manufacturing programs.</p>
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Economic Development Plan Alignment: Above goal aligns generally with Category 2: Support Innovation and Entrepreneurship

<p>Support Ecosystems for Innovation by Executing Industry-Driven Initiatives: Support industry-led initiatives focused upon increasing innovation capacity in the Commonwealth, including those designed to support the tech sector, the innovation economy’s talent pipeline, and increase the competitiveness of the Commonwealth’s big data and advanced manufacturing clusters</p>	<p>Manage initiatives out of the Tech Hub Collaborative, including those focused on computer science education, innovation economy brand identity, growing companies to scale, and engagement with policymakers</p> <p>Drive and enhance the Mass Big Data initiative, enhancing the competitiveness of the big data cluster</p> <p>Provide strategic services and support to the Administration and stakeholder organizations (e.g. AMC, Creative Economy Council, NSSC, SPARK, PAX East)</p>	<p>Ongoing support for 20 projects</p> <p>Engagement of 250 key stakeholders.</p> <p>Support for a collective of 40-50 meetings across projects leading to policy recommendations or economic development services or events (e.g. business plan competitions, app. challenges, training services, etc.)</p> <p>Startup of 6 new projects or initiatives</p> <p>200 consultant engagements</p>
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Economic Development Plan Alignment: Above goal aligns with Category 2: Support Innovation and Entrepreneurship, specifically 2.1.2: identify three to five emerging areas of global innovation excellence and support public-private collaborations to accelerate the growth of such areas, and 2.4, Support Growth to Scale.

<p>Support Regional Innovation-Based Growth Strategies and the Expansion of Entrepreneurship and Startup Culture in all Regions of the Commonwealth:</p>	<p>Manage programs and initiatives which support locally-driven regional innovation strategies or improve the competitiveness for local start-up entrepreneurs</p>	<ul style="list-style-type: none"> • Provide investment and management support to the Holyoke Innovation District (HID) initiative. • Administer the Regional Priority Grant program, making strategic investments and development partnerships which strengthen clusters or regions • Sponsor and support MassDiGI at Becker College • Administer the Innovation Mentoring Initiative, expanding regional entrepreneurship capacities • Sponsor and support startup competitions including MassChallenge • Increase the tech talent pool through administration of the MassTech Intern Partnership 	<ul style="list-style-type: none"> • 25 regional priority awards • 4 mentorship feasibility awards • # of Internship stipends – TBD [contingent upon legislative appropriation] • 2 Innovation Institute led conference events, strategic planning/outreach support for 12 additional key stakeholder events, and sponsorship of 12 additional events
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Economic Development Plan Alignment: Above goal aligns with Category 2: Support Innovation and Entrepreneurship, and Category 3: Support Regional Development through Infrastructure Investments and Local Empowerment, specifically 2.1.3, Increase by 20% annually over the next five years state funding of capital, mentoring, and advice, including incubator and/or accelerator programs for early state entrepreneurs and small businesses, building off the example of MassChallenge, 2.2.1: Increase by 20% annually over the next five years the number of internship placements made by multi-school, multi-employer internship programs, building on the examples of programs currently run by the Greater Boston Chamber of Commerce, the Federal Reserve Bank of Boston, Mass Technology Leadership Council, the Massachusetts Marketing Partnership, the Massachusetts Clean Energy Center and the Massachusetts Life Sciences Center, as well as newly proposed programs such as the Massachusetts Startup Fellows Program. The internship programs should, in particular, focus on facilitating the flow of

young students into young companies to help them integrate into the local innovation economy, 2.3.1: Identify locally-based accelerators for innovation and entrepreneurship in five of our Gateway Cities over the next two years and provide support for their growth through a competitive process, and 3.3.1: Establish and run annually a series of regionally-based economic development “academies” at which public and private participants experienced in economic development will conduct focused, intensive workshops on effective economic development strategies and techniques; economic development “best practices” will be shared and municipal accomplishments in economic development will be celebrated.

<p>Strengthen Collaborations Among Industry and Academia in Emerging Technology Areas: Manage research and development investments in emerging, high-growth technology areas</p>	<p>Administer \$50 million MassTech Collaborative Research Matching Grant Program.</p> <p>Continue management support for existing portfolio grantees</p>	<ul style="list-style-type: none"> • 3 Matching Grant Awards • Ongoing interactions and strategic support for 45 portfolio grantees
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Economic Development Plan Alignment: Above goal aligns with Category 2: Support Innovation and Entrepreneurship, specifically

<p>Leverage Investment: Increase innovation capacity in Commonwealth through increased private and public investment</p>	<p>Encourage and evaluate additional investments intended to support the project based and related activities of the Innovation Institute.</p>	<ul style="list-style-type: none"> • Amount of leveraged direct and indirect investments in projects and investments. Amounts: TBD • Amount of investment invested in companies affiliated with our work (e.g. 12x12, Mass Challenge, etc.) Amounts: TBD
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Economic Development Plan Alignment: Above goal generally aligns with Category 2: Support Innovation and Entrepreneurship.

ADDITIONAL INFORMATION:

Optional section

CONTACTS:

Include name and contact information for head of agency as well as secondary contact for all performance management matters.

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