





MIT iEcosystem Symposium October 12-13, 2017 MIT Call for Concepts, Issued May 4, 2017

How do multi-stakeholder initiatives and programs accelerate innovation ecosystems?

Multi-stakeholder programs and initiatives that develop, drive and inform innovation ecosystems¹ are critical to their success. The MIT iEcosystem Symposium aims to highlight the important role that these programs play and help understand what inputs, outputs and features drive outcomes.

Through this call for concepts, we aim to build a knowledge base of models for novel programs and initiatives, collect information regarding design, implementation and best practices, and explore the policies, stakeholder linkages or other factors critical to their success. The Symposium tracks will be built around the concepts received, focusing on the stages, program types, policies or collaborations of greatest interest, for example: early-stage acceleration, venture acceleration, or industry – startup partnerships. This call for concepts is meant for a range of organizations and stakeholders. **All ideas are welcome.** We are particularly interested in submissions showcasing collaborations across multiple stakeholders (entrepreneurs, risk capital, corporate, university, and government). Example submissions include programs or initiatives that **originated**:

- (1) In the university in partnership with corporate and risk capital stakeholders: The Engine
- (2) In **global corporations** in partnership with universities and governments: e.g., JPMorgan Chase Global Cities, Vertex-STEM program
- (3) In the **government** in collaboration with university and corporate: e.g., MIT Lincoln Labs MIT Beaverworks, U.S. Small Business Administration's Accelerator Initiative
- (4) In the entrepreneurial community in partnership with government and industry: e.g., Greentown Labs, CIC, We-Work

Submissions should include: (1) a one-page "Programs, Policies and Interventions" template in the form provided; and (2) a short briefing (2 pages or less) description of the programmatic model in the form provided. We encourage cross-cutting exploration of metrics, policies, collective impact and core program goals (e.g. inclusive innovation, economic impact, social progress, etc.) in all proposals.

KEY BENEFITS AND OPPORTUNITIES:

- Speakers for the Symposium will be drawn from submissions received
- Admission fees will be waived for invited speakers
- MIT Lab for Innovation Science and Policy will post select submissions on its webpage as a resource for the broader community.
- Symposium will also highlight key upcoming announcements, please let us know if you have anything to submit (example: new innovation ecosystem center being opened, or public-private partnership being announced)

DIRECTIONS FOR SUBMISSION*

- Complete the PPI and briefing templates (PPT Slide + Adobe form) to describe your program or initiative
- Follow instructions on the templates
- Submit to mitii symposium@mit.edu no later than June 15, 2017 midnight US EST
- If submission is not formatted to specifications provided, submission may be returned with a request for re-format-
- By submitting, you are giving the consent of your program to publish your submission.

SUBMITTER REQUIREMENTS:

- Submitter should be the lead entity for the program, policy or initiative developed
- Submitter should collaborate with relevant partners before submitting (to avoid duplicate submissions)
- Submitter must be an authorized officer of the program

¹ Innovation Ecosystems are places, like Silicon Valley and Kendall Square, where multiple stakeholders collaborate to support innovation and entrepreneurship often around related clusters of economic activity.

Title:	
List Partner Names, Contact and Affiliation Here:	
INTRODUCTION/BRIEF OVERVIEW	WHAT WAS/IS THE RESULTING PROGRAM / INITIATIVE?
WHAT KEY CHALLENGE(S) WAS/IS YOUR PROGRAM/INITIATIVE ADDRESSING?	WHAT PROGRESS HAS BEEN MADE (INCLUDING METRICS OF SUCCESS)?
WHAT STRATEGY WAS/IS USED TO ADDRESS THIS CHALLENGE(S)?	HOW IS IT SUSTAINABILE AND WHAT IS THE FUTURE VISION?

1. Programs, Policies and Interventions (PPI) Template Instructions - MIT iEcosystem Symposium

Download the PowerPoint template <u>here</u> to submit, in bullet point form:

- Overview of your program (challenge, hypothesis, operational overview)
- Key inputs (e.g., students, start-ups, faculty, staff)
- Resources provided (e.g., funding, mentorship, space)
- Role of stakeholder groups (e.g., corporates, universities, risk capital, entrepreneurs, government)
- Key outputs (e.g., start-ups, projects, collaborations, partnerships)

Please include any relevant websites or links to additional information on the program in hyperlink form.

Examples of completed templates can be found in the Appendix.

*By submitting this you are agreeing that the MIT Lab for Innovation Science and Policy can post and use information towards research and policy briefings

Figure 1.0: PPI Template – Example using MIT's delta v (summer educational accelerator)

MIT delta v



INPU ΚEY

STUDENT START-UP TEAMS

- 2 to 5 members apply for the program
- Experience working together
- Show significant progress in market selection and problem definition
- Demonstrate experience and understanding of entrepreneurial process
- Demonstrate familiarity with common frameworks
 - Disciplined entrepreneurship
 - Lean startup
 - Business model canvas

≧ PROGRAM OVERVIE

RESOURCES

PROVIDED

CHALLENGE

- To provide a capstone educational experience for student startup teams before they launch in the real world.
- To offer a safe environment for startup teams to fail fast, and provide them ample support via workshops, mentorship and funding.

Build stronger, more skilled entrepreneurs and increase probability of venture success.

OPERATIONAL OVERVIEW

- GESA was launched in ...
- The initiating stakeholders behind GFSA are

EDUCATION A structured educational program with talks, workshops, peer coaching, mentorship, simulated board meetings and

FUNDING

 Up to \$20K equity-free grants

community building

\$2,000/month fellowship for each eligible MIT

SPACE

- Dedicated desk space
- Donations by the Goss Foundation & others

STAKEHOLDERS STAKEHOLDERS INVOLVED Cohort

- Work full-time as founding team members
- Build community & help others in the cohort

Faculty

 Deliver educational content via workshops and lectures

Teaching Assistants

 Once-a-month interactions on domain specific topics

Board members

Assess progress of teams against milestones

Sponsors

OUTPUTS

ΚEY

STUDENT START-UP TEAMS

- Accelerate the process of building the venture & validate/ invalidate key hypothesis
- Learn kev skills around team process
- Emerge as stronger, more effective teams
- Learn whether the team compatible from a values, culture, work style standpoint
- Students that match in a team might go on and continue their venture others will choose to pursue other career options- based on personal insights and growth facilitated by working in their GFSA teams

Figure 2.0: PPI Template – Example using Greentown Labs (clean energy incubator & wet lab)

Lab Central

MIT REAP

INPUTS

Ē

INPUTS: PRIZE

- Typical inputs are early stage companies/teams in the biotech and med-tech fields with seed financina (cannot have raised more than \$7.5M upon
- Typically companies have 2-3 employees upon start at LabCentral

OVERVIEW CHALLENGE

LabCentral is a co-working laboratory space and community for biotech startups

HYPOTHESIS

LabCentral offers a ready-to go laboratory (including all equipment, permits, technical support, operational support)

OUTPUTS

函

OUTPUT 1 JOBS & COMPANIES CREATED

- Output metrics include the number of jobs created
- Number of compan graduated (2015: 9)
- Monies raised by or startups (2015: \$685MM).

PROVIDED RESOURCES

PROGRAM

MENTORING

INFRASTRUCTURE & SPACE ACCESS SERVICES

RESOURCES

- Infrastructure
- Mentorship Supportive community and connections with
- Access to capital High recognition

STAKEHOLDERS 절

LAB CULTURE

LabCentral provides infrastructure and programming as well as a strong entrepreneurial community

CORPORATE PARTNERSHIPS

Corporate partners prov development guidance, partnering and exit opportunities and potential financial support

VC investors provide guidance and access to

INVESTORS

capital