

APPROVED MINUTES

TWO HUNDRED NINETY-SIXTH MEETING

of the

EXECUTIVE COMMITTEE

of the

MASSACHUSETTS TECHNOLOGY PARK CORPORATION

June 12, 2025
Videoconference

The Two Hundred Ninety-Sixth Meeting of the Executive Committee of the Board of Directors of the Massachusetts Technology Park Corporation (“Mass Tech Collaborative” or “Mass Tech”) was held on June 12, 2025, via videoconference pursuant to notice duly given to the Directors and publicly posted on the Mass Tech Collaborative website with corresponding notice provided to the Office of the Secretary of State and the Executive Office for Administration and Finance.

The following members of the Mass Tech Collaborative Executive Committee were present and participated remotely: Executive Office of Economic Development Senior Advisor Emily MacCormack (representing Interim Secretary of Economic Development Ashley Stolba), Julie Chen, Rupa Cornell, Joe Dorant, Bogdan Vernescu, and Paige Fetzer-Borelli. The following members of the Mass Tech Collaborative Board of Directors were present: Bran Shim and Jason Snyder.

The following members of the Mass Tech Collaborative staff were present: Michael Baldino, Keely Benson, Lily Fitzgerald, Marc Leonetti, Ben Linville-Engler, Holly Lucas, Sabrina Mansur, Dana Nolfé, John Petrozelli, Jennifer Saubermann, Brianna Wehrs, Rachael Stachowiak, Max Fathy, James Byrnes, Megan Marszalek, Stephen Hubbard, Zhuqing Wang, Farhad Vazehgoo, and Paula Foley.

Ms. MacCormack observed the presence of a quorum and called the meeting of the Mass Tech Executive Committee to order at 2:02 p.m.

Agenda Item I Approval of Minutes (motion item)

After a brief period of discussion and upon a motion duly made and seconded, it was unanimously and without abstention VOTED by a roll call vote:

The Executive Committee of the Board of Directors of the Massachusetts Technology Park Corporation, acting on behalf of the full Board pursuant to section three of Chapter Forty J of the General Laws of the Commonwealth, hereby adopts the Draft Minutes of the Two Hundred Ninety-Fifth Meeting of

the Executive Committee, held on April 28, 2025, by videoconference, as the formal Minutes thereof.

Agenda Item II Report of the Board Chair

Ms. MacCormack reported that Interim Secretary Stolba is very busy continuing the work begun by Secretary Hao to implement the initiatives contained in the Mass Leads Act. In addition, Ms. MacCormack noted that the state budget process is underway with the budget currently being negotiated by a conference committee. Ms. MacCormack indicated that although the fiscal year ends June 30th, it is not uncommon for the Legislature to send the budget to the Governor in July, with passage of a “1/12th Budget” to keep things going in the interim. Ms. MacCormack also noted that she received a favorable report on the work of Mass Tech from the Secretary of the Executive Office of Education at a recent event. Ms. MacCormack then asked Mr. Marc Leonetti to provide an update for Mass Tech.

Agenda Item III Update from Mass Tech Collaborative

Mr. Leonetti began his update by wishing Ms. Carolyn Kirk a speedy recovery and a quick return to her duties as Mass Tech Chief Executive Officer. Mr. Leonetti noted that Ms. Kirk has built a strong team at Mass Tech, and the forward momentum continues even in her absence. Mr. Leonetti then indicated that the Finance and Audit Committee met the previous day and approved Mass Tech’s proposed budget. Mr. Leonetti explained that final approval of the budget will come before the Executive Committee at its June 24th meeting.

Ms. MacCormack then turned to Ms. Lily Fitzgerald to present the next agenda item.

Agenda Item IV Center for Advanced Manufacturing - Massachusetts Manufacturing Innovation Initiative (M2I2) – Cyvl with partner MassMEP; Hera Materials with partner MassMEP; and Nobel Carbon with partner Berkshire Innovation Center (motion item)

Ms. Lily Fitzgerald explained that the Center for Advanced Manufacturing (“CAM”) was seeking approval of three (3) of four (4) awards under the most recent funding round of CAM’s M2I2 Program (the fourth award being within the CEO’s delegated authority). This Program, explained Ms. Fitzgerald, funds capital equipment to support initial manufacturing of hard tech products. Ms. Fitzgerald explained that the M2I2 Program has been in place at Mass Tech for ten (10) years and in that time has awarded over \$100 million in funds to Massachusetts manufacturers and resulted in more than 1,000 new jobs. The awards sought today, explained Ms. Fitzgerald, represent a geographic and tech type diversity, with the three (3) awardees spread throughout the Commonwealth, with differing key strengths and product portfolios.

After a period of discussion and upon a motion duly made and seconded, it was unanimously and without abstention VOTED by a roll call vote:

The Executive Committee of the Board of Directors of the Massachusetts Technology Park Corporation (“Mass Tech Collaborative”), acting pursuant to the authority delegated under Chapter 40J of the General Laws of the Commonwealth, does hereby authorize the following grant awards under the

Massachusetts Manufacturing Innovation Initiative (“M2I2”), funded from item 7002-8059 of Chapter 238 of the Acts of 2024, to:

- **Massachusetts Manufacturing Extension Partnership (“MassMEP”) in an amount not to exceed \$93,822.79 to support Cyvl as it establishes pilot manufacturing for their car-mounted sensor system;**
- **MassMEP in an amount not to exceed \$350,000 to support Hera Materials’ construction of a demonstration line for their carbon-zero paper-based flexible packaging film;**
- **Berkshire Innovation Center in an amount not to exceed \$244,635 to support Noble Carbon as they manufacture their smart circuit breakers for residential and light-commercial application.**

The grant awards are subject to the execution of grant agreements in a form and with terms approved by Mass Tech Collaborative's Chief Executive Officer.

Following the vote, Ms. MacCormack asked Mr. John Petrozelli to discuss the next agenda item.

Agenda Item V MassCyberCenter – Cybersecurity Centers of Excellence – University of Massachusetts Lowell (motion item)

After briefly reviewing the Commonwealth’s Security Operations Center (“SOC”)/Cyber Range Initiative, Mr. John Petrozelli turned the presentation of this agenda item over to Mr. Max Fathy, who explained that the proposed award to UMass Lowell will provide capital funds for the buildout of a SOC on UMass Lowell’s campus. This SOC, explained Mr. Fathy, will operate as an integrated node within the CyberTrust Massachusetts SOCs and will provide cybersecurity support to small and medium sized businesses within the Defense Industrial Base (“DIB”) supply chain in the Commonwealth. In addition, explained Mr. Fathy, the SOC is expected to open in late 2025 / early 2026 and serve 20-50 companies within the first three (3) years of operations, as well as provide 10-20 UMass Lowell students with cybersecurity training as SOC employees. The award also leverages UMass Lowell’s cybersecurity partnership with the Science Applications International Corporation (“SAIC”), which contributing funds towards SOC operations.

After a period of discussion and upon a motion duly made and seconded, it was VOTED by a roll call vote, with Ms. Chen abstaining:

The Executive Committee of the Board of Directors of the Massachusetts Technology Park Corporation (“Mass Tech Collaborative”), acting pursuant to the authority delegated under Chapter 40J of the General Laws of the Commonwealth, does hereby authorize a grant award to the University of Massachusetts Lowell through the Notice of Funding Opportunity for Entities Interested in Establishing Security Operations Centers (NOFO No. 2025-Cyber-03), in an amount not to exceed \$300,000, funded from item 7002-8059 of Chapter 238 of the Acts of 2024, to establish a Security Operations Center, as presented. The grant award is subject to the execution of a grant agreement in a form and with terms approved by Mass Tech Collaborative's Chief Executive Officer.

Ms. MacCormack then asked Ms. Sabrina Mansur to discuss the next agenda item.

Agenda Item VI Innovation Institute – AI Models Innovation Challenge – Boston Children’s Hospital; Earth DNA; MassRobotics; Northeastern University; Northeastern D’Amore McKim School of Business; Western New England University; Worcester Polytechnic Institute Chemical Engineering; and Worcester Polytechnic Institute Robotics Lab (motion item)

Ms. Sabrina Mansur explained that the Innovation Institute was requesting approval of \$3.3 million in awards as part of the Artificial Intelligence (“AI”) Models Challenge launched in January 2025. This program, explained Ms. Mansur, stemmed from Governor Healey’s AI Strategic Task Force, and received many applications from varied industries including health care, climate tech, robotics, education, life sciences, and advanced manufacturing. The eight (8) awards, explained Ms. Mansur, will go to a variety of companies across the Commonwealth including both start-ups and more established companies. Ms. Mansur then detailed the proposals of each of the eight (8) awardees, indicating how each awardee is seeking to incorporate AI into their operations.

After a period of discussion and upon a motion duly made and seconded, it was unanimously and without abstention VOTED by a roll call vote:

The Executive Committee of the Board of Directors of the Massachusetts Technology Park Corporation (“Mass Tech Collaborative”), acting pursuant to the authority delegated under Chapter 40J of the General Laws of the Commonwealth, does hereby authorize the following grant awards under the MA AI Models Innovation Challenge (NOFO No. 2025-JAII-03), funded from item 7002-8039 of Chapter 238 of the Acts of 2024, to:

- **EarthDNA in an amount not to exceed \$1,000,000 for a project targeting the circular economy and recycling with a focus on footwear waste;**
- **MassRobotics in an amount not to exceed \$413,300 for drone use in wildfire management;**
- **Northeastern University in an amount not to exceed \$504,043 to generate risk assessments for coastal communities;**
- **Northeastern University’s D’Amore McKim School of Business in an amount not to exceed \$16,500 to enhance product concept generation; and**
- **Western New England University in an amount not to exceed \$500,000 to reduce waste in metal additive manufacturing.**

The grant awards are subject to the execution of grant agreements in a form and with terms approved by Mass Tech Collaborative's Chief Executive Officer.

A second motion covering the remaining two awards was duly made and seconded, it was VOTED by a roll call vote, with Mr. Vernescu abstaining:

The Executive Committee of the Board of Directors of the Massachusetts Technology Park Corporation (“Mass Tech Collaborative”), acting pursuant

to the authority delegated under Chapter 40J of the General Laws of the Commonwealth, does hereby authorize a grant award to Worcester Polytechnic Institute through the MA AI Models Innovation Challenge (NOFO No. 2025-JAII-03), funded from item 7002-8039 of Chapter 238 of the Acts of 2024, for the following projects:

- For the Chemical Engineering Department in an amount not to exceed \$381,931 to transform waste to renewable energy through hydrothermal liquefaction; and
- For the Manipulation & Environmental Robotics Lab in an amount not to exceed \$279,731 to auto label vision data and improve productivity at recycling plants.

The grant award is subject to the execution of a grant agreement in a form and with terms approved by Mass Tech Collaborative's Chief Executive Officer.

Ms. MacCormack then turned the floor over to Ms. Sharron Wall for the next discussion.

Agenda Item VII Innovation Institute – Massachusetts Tech Hub Program - Springfield Technical Community College Quantum Supply Chain Accelerator (motion item)

Ms. Sharron Wall explained that the proposed award of \$1,000,000 to Springfield Technical Community College (“STCC”) will enable STCC to move forward with a competitive solicitation for the selection of a multi-disciplinary team or consultant firm that will allow STCC to develop the plan for renovation of an existing 23,000, square foot facility in the Springfield Technology Park and to finalize business planning for a quantum supply chain accelerator. Ms. Wall explained that the STCC accelerator is expected to attract private investment in quantum supply chain companies to expand the state’s position as a hub for quantum computing. Ms. Wall then introduced to the Board Mass Tech’s new Director of Quantum Initiatives, Mr. Steve Hubbard.

After a period of discussion and upon a motion duly made and seconded, it was unanimously and without abstention VOTED by a roll call vote:

The Executive Committee of the Board of Directors of the Massachusetts Technology Park Corporation (“Mass Tech Collaborative”), acting pursuant to the authority delegated under Chapter 40J of the General Laws of the Commonwealth, does hereby authorize a grant award to Springfield Technical Community College in an amount not to exceed \$1,000,000, to be funded from item 7002-8072 of Chapter 238 of the Acts of 2024, to support the development of an engineering, architectural and business plan for renovation of a facility in the Springfield Technology Park for a Quantum Supply Chain Accelerator in Springfield. The grant award is subject to the execution of a grant agreement in a form and with terms approved by Mass Tech Collaborative's Chief Executive Officer.

Ms. MacCormack then asked Mr. Ben Linville-Engler to address the final agenda item.

Agenda Item VIII Strategic Investment and Business Operations, Center for Advanced

**Manufacturing, and Innovation Institute - CHIPS Manufacturing
Incentives Capital Grant Program – MACOM New England
Manufacturing & Technology Center (motion item)**

Mr. Ben Linville-Engler explained that this proposed award to MACOM is a joint request from the Strategic and Business Operations team, CAM, and the Innovation Institute, and has been 2½ years in the making. Mr. Linville-Engler explained that the grant amount of \$15 million will unlock \$35 million in federal CHIPS Act Manufacturing incentives and is necessary for MACOM’s receipt of the federal funding. The funding, explained Mr. Linville-Engler, will allow MACOM to modernize its Lowell chip foundry while hiring approximately 160 full-time employees and upscaling 550 existing employees over the course of the five (5) year project. MACOM will also use the funding to modernize its existing 100mm wafer line and create a new 150mm wafer line that can support fabrication of devices for both commercial and defense applications.

After a period of discussion and upon a motion duly made and seconded, it was unanimously and without abstention VOTED by a roll call vote:

The Executive Committee of the Board of Directors of the Massachusetts Technology Park Corporation (“Mass Tech Collaborative”), acting pursuant to the authority delegated under Chapter 40J of the General Laws of the Commonwealth, does hereby authorize a grant award in an amount not to exceed \$15,700,000 to MACOM as a covered state incentive to support MACOM’s application to the US Department of Commerce’s CHIPS Manufacturing Incentives Program (2023-NIST-CHIPS-CFF-01). The Board’s approval is contingent upon MCAOM’s receipt of a direct federal grant through the CHIPS Manufacturing Incentives Program.

Funding for this award is sourced from the Commonwealth Federal Match and Debt Reduction Fund (Section 2EEEEEE of Chapter 29 of the Massachusetts General Laws), and will be provided to Mass Tech Collaborative through a contract with the Executive Office of Economic Development. The grant award is subject to the receipt of funds by Mass Tech Collaborative from the Commonwealth of Massachusetts, and the execution of a grant agreement in a form and with terms approved by Mass Tech Collaborative’s Chief Executive Officer.

Having determined that there was no other business to discuss, Ms. MacCormack adjourned the meeting at 2:52 p.m.

A TRUE COPY ATTEST: (Secretary)

DATE:

Materials and Exhibits Used at this Meeting:

1. Draft Minutes for the April 28, 2025, Mass Tech Collaborative Executive Committee Meeting (motion item)

2. Center for Advanced Manufacturing Massachusetts Manufacturing Innovation Initiative (M2I2) - Cyvl with partner MassMEP; Hera Materials with partner MassMEP; and Nobel Carbon with partner Berkshire Innovation Center (motion item)
3. MassCyberCenter – Cybersecurity Centers of Excellence – University of Massachusetts Lowell (motion item)
4. Innovation Institute – AI Models Innovation Challenge - Boston Children’s Hospital; Earth DNA; MassRobotics; Northeastern University; Northeastern D’Amore McKim School of Business; Western New England University; Worcester Polytechnic Institute Chemical Engineering; and Worcester Polytechnic Institute Robotics Lab (motion item)
5. Innovation Institute – Springfield Technical Community College – Quantum Supply Chain Accelerator (motion item)
6. Strategic Investment and Business Operations; Center for Advanced Manufacturing, and Innovation Institute - CHIPS Manufacturing Incentives Capital Grant Program – MACOM New England Manufacturing & Technology Center (motion item)