



## GE in Boston: One Year Later

We knew that coming to Boston was the right decision for GE and we couldn't be more excited to be here. With its world-class colleges and universities, investments in research & development, and diverse, technologically-fluent workforce, GE chose Boston to be at the center of an ecosystem that shares our aspirations.

Over the past year, we have focused our efforts in three areas:

1. Innovation
2. Community
3. Foundation

**Innovation:** we are helping to make Boston the hub of the industrial internet.

We're partnering with **universities** to develop next-generation technologies and the future of work. For example:

- At **MIT**, we're investing \$7.5M over five years in MIT's Energy Initiative (MITEI) to develop clean energy solutions in key technology areas such as solar energy; energy storage; electric power systems; and carbon capture, utilization and storage (learn [more](#)).
- At **Northeastern University**, we're co-developing a Bachelor of Science in Advanced Manufacturing program through the Department of Education's Educational Quality through Innovative Partnerships, or EQUIP, to build the digital industrial workforce (learn [more](#)).
- At **Boston University**, we're connecting Engineering students to the cutting edge of product design and manufacturing with the donation of a 3D metal-printing machine to the Engineering and Product Innovation Center (EPIC) (learn [more](#)).

We're partnering with **hospitals** to invest in digital technologies that improve quality and patient care:

- At **Partners HealthCare**, we've launched a 10-year collaboration to integrate Artificial Intelligence into every aspect of the patient journey by developing applications for diagnostic imaging to improve clinician productivity and patient outcomes (learn [more](#)).
- At **Boston Children's Hospital**, we're working together to create smart imaging technology to better detect pediatric brain disorders to help doctors interpret pediatric brain images faster and more accurately (learn [more](#)).

With GE Ventures, we're investing in **Boston-based startups** that are helping companies improve productivity and efficiency. To date, GE Ventures has invested in 10 Boston-based startups in the healthcare, energy, advanced manufacturing and enterprise areas. Here are a few examples:

- With **Avitas Systems**, we created, invested, and launched this new startup focused on transform inspection services with advanced robotics, data analytics and artificial intelligence for the oil and gas, transportation, and energy industries (learn [more](#)).
- With **Tamr**, we're taking GE's experience using the startup's data unification platform to help companies around the globe power a new wave of innovation and efficiency (learn [more](#)).
- With **ReThink Robotics**, we're paving the way for a new era of manufacturing in which robots work safely with humans and help companies to improve their production (learn [more](#)).

**Community:** we are becoming part of the community where we live and work.

GE leaders are serving on more than 25 boards across Boston, including:

- **Hospitals:** Beth Israel Deaconess Medical Center, Mass General Hospital, Partners HealthCare, Boston Children's Hospital, Dana Farber Cancer Institute
  - **Public policy:** Associated Industries of Massachusetts, The Boston Club, Mass Business Roundtable, Mass Competitive Partnership, Mass Taxpayers Foundation, New England Council
  - **State Government Advisory Boards:** Governor's Council to Address Aging, Mass STEM Advisory Council
  - **Non-profits:** Boston Harbor Now, Boys & Girls Clubs, Camp Harbor View, Greater Boston YMCA, Green Ribbon Commission, Pine Street Inn, RIZE Massachusetts, WGBH, Year Up
  - **Universities:** Northeastern University
- With **GE Civic Fellows**, GE's summer interns from WPI, MIT, Olin College, Boston University, and Boston College, are supporting Boston Mayor Martin J. Walsh's Imagine Boston 2030 initiative by enhancing Boston's open data portal, making information on streets and construction, restaurant inspections, city services, and more, available to constituents, researchers and planners.

- With **Boston Private Industry Council**, GE joined area businesses to hire interns from Boston Public High School students, ensuring summer employment for the city's youth. GE hosted a delegation of CEOs from Detroit, from Ford, GM, Quicken Loans, Penske, and others, to help them consider similar programs in the Motor City.

**Foundation:** we are giving back to Boston and Massachusetts.

Through the GE Foundation, we made a \$50MM philanthropic commitment to driving STEM education in Boston Public Schools (\$25MM); to community health to expand care in behavioral health and addiction with an initial focus on the opioid crisis (\$15MM); and to increasing the diverse STEM workforce of tomorrow (\$10MM).

Education:

- When we first came to Boston, we toured all 34 high schools in Boston Public School, engaged with over 1,000 educators, and met with 18 higher education institutions and 38 foundations and businesses. We conducted focus groups with BPS students and parents to understand perceptions of STEM and career pathways.
- With our **Brilliant Boston** initiative, we've launched a series of in-school initiatives with Linked Learning, Project Lead the Way, College for Every Student, and Year Up to advance STEM education and support career paths.
  - **Linked Learning:** Eight Boston Public School's spent an intensive day with a GE FastWorks coach to support schools on designing short and long term objectives around Linked Learning. Two BPS schools were selected by the BPS Office of External Affairs to launch a 45-day prototype.
    - **Excel High School** will focus on creating career pathways in STEM entrepreneurship (Business Technology).
    - **Dearborn STEM Academy** will focus on pathways linked to Engineering, Computer Programming and Graphic Design with quality internship programs.
  - **Middle Schools and Project Lead the Way:** Project Lead the Way is working at the Middle School level at New Mission School with the goal of bringing Computer Science to all students.
  - **High Schools and College for Every Student:** CFES is partnering with Burke High School to bring its college and career readiness programming starting in 9th grade.
  - **Community Colleges and Year Up:** Year Up is working at the community college level and will partner with Roxbury Community College (RCC) to offer skills development, mentoring, and workplace learning experiences for graduating students.
- Our **Brilliant Career Lab** is a first of its kind mobile and digital technology lab experience designed to prepare Boston Public School students for the digital industrial jobs of the future through hands-on experiences in STEM. We've reached more than 2,400 students and 500 educators through the mobile and digital lab.

- With the **JFK Presidential Library**, we've launched a \$500,000, five-year commitment to provide scholarships for Boston Public Schools students to pursue STEM careers.
- In partnership with Massachusetts Secretary of Education Jim Peyser and Boston Public Schools Superintendent Tommy Chang, we hosted an education summit, **Preparing Students for the Innovative Jobs of Tomorrow**, for 125 K-12 STEM educators at Roxbury Community College.
- We hosted 300 GE Volunteers for a "Day of Service" which supported over 600 students at Boston schools and non-profits through activities such as reviewing resumes, interview preparation, providing career advice and coaching, and assisting with STEM projects.

#### Community health:

- When we first came to Boston, we embarked on a listening tour to hear what was most important to the community and where we should focus our efforts. Substance use and the opioid crisis was at the top of everyone's list.
- Since that time, we've worked with several partners to implement programs with the aim to build capacity within the provider community to expand access to care for substance use disorders:
  - With **Mass General Hospital and CAMTech**, we hosted an opioid hack-a-thon with more than 250 people to listen, learn and brainstorm new ideas. Three ideas have been accelerated - We Are Allies, GEMs Box, Mobile MAT (learn [more](#)).
  - With **Partners Healthcare, Boston Medical Center and the MA League of Community Health Centers**, we launched the SUSTAIN initiative focused on expanding care in behavioral health and addiction medicine at community health centers to treat more patients, more effectively (learn [more](#)).
  - With **Mass General**, we are supporting an addiction medicine fellowship that will expand capacity and support additional training and mentorship at community health centers.
  - With the **MA League of community health centers and the Kraft Center**, we are focused on the next generation of primary care providers, supporting more woman and diversity into the field of primary care (learn [more](#)).
  - We joined **RIZE Massachusetts**, a private-sector effort to battle opioid addiction in the Commonwealth, to support innovative care designed across the care continuum from prevention to recovery (learn [more](#)).
  - With the **MA Attorney General, Maura Healy**, we are providing substance use prevention education in Mass. middle schools to prevent tomorrow's adults from falling into the vicious cycle of the opioid crisis (learn [more](#)).