



# FAB HUB KENDALL

## Capital Campaign

A center for excellence in technical education,  
innovation, and research in the heart of Greater Boston.





# Our Call to Action

Digital-age technical education, workforce development, and job training create meaningful, financially beneficial economic opportunities. They also develop the core capabilities required to invent the technologies that drive our economy, today and tomorrow. From AI, to Art and Design, to Advanced Manufacturing, our solution is to build a global center of excellence in technical education and applied research, for students, teachers, innovators, workforce, and communities to thrive: **Fab Hub Kendall**.

**Partner with us to educate and ignite the next generation of technology innovators. Support building a global technology education and research center in Cambridge that will lay the foundations for thriving economies.**



## About the Fab Foundation

Spun out of MIT's Center for Bits and Atoms, **The Fab Foundation** was established in 2009 as a 501(c)(3) non-profit organization. Since inception, we have been a leader in digital fabrication education, technical innovation, and social applications of digital technologies for community impact. We have successfully led the way for thousands of people across a network of 3,000 digital fabrication laboratories (Fab Labs) in 160 countries to address local problems by building local solutions with new digital tools.

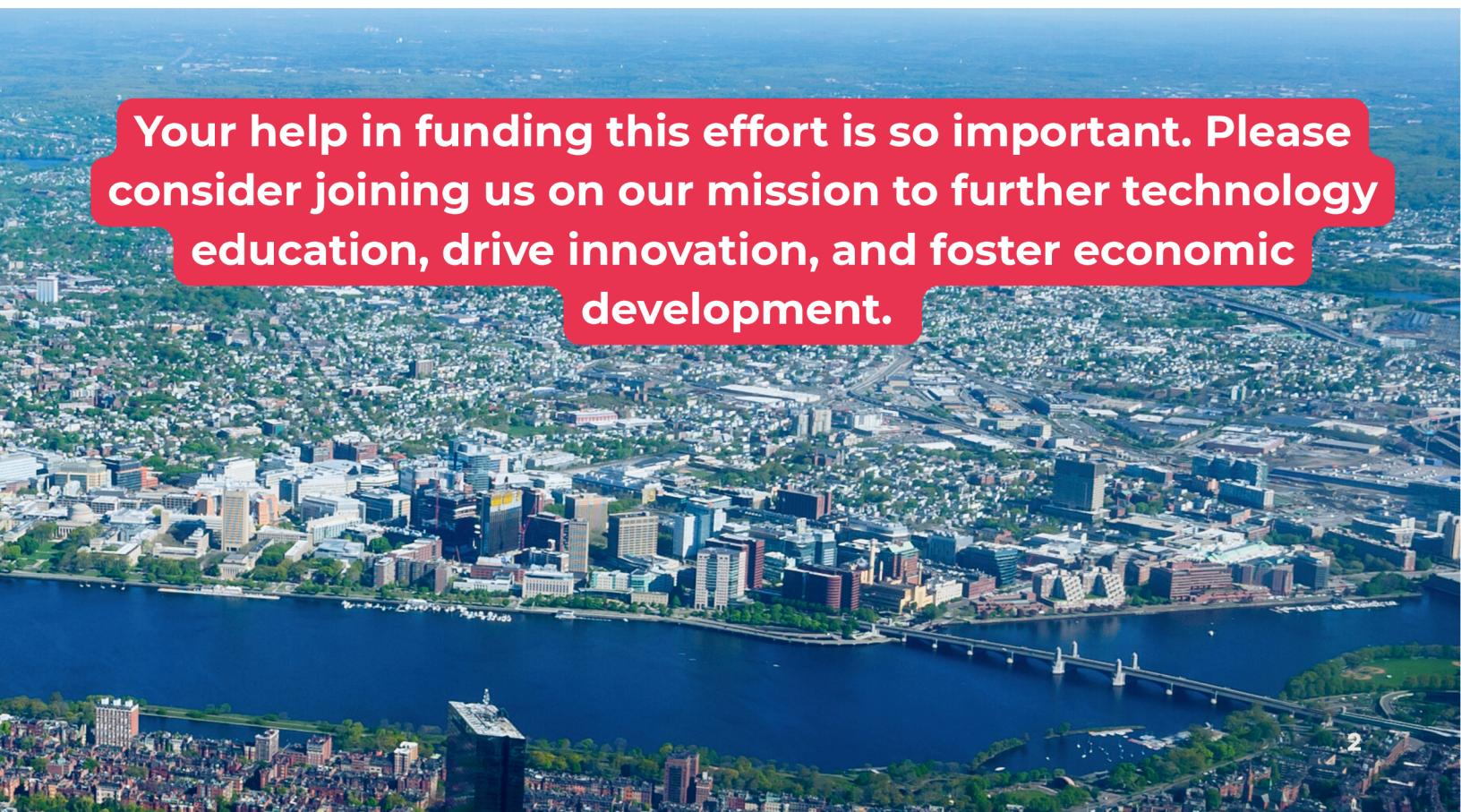
# Capital Campaign

Our efforts to date have been globally distributed as we've deployed Fab Labs, hosted conferences, and developed education programming for communities around the world. This approach has been very successful, but we seek to deepen the impact and effectiveness of our work by establishing a hub, that is, a center of excellence for education, innovation, and research in Cambridge. Fab Hub Kendall will be a living laboratory, a place to provide, explore, and develop best practices in STEM education, workforce development, and sustainable technology advances for the Greater Boston community, while sharing those practices throughout the world.

**In the next three years, our goal is to raise \$5,000,000 to develop this new facility and deliver critical programs to the communities of Greater Boston. This funding enables us to provide: a Flagship Fab Lab, a dedicated technical education center, a public event space for community knowledge exchange, a store for community-developed products, as well as a substantial expansion of our educational programs and a central facility for the development and distribution of our own innovations.**

The pace of technology development is growing faster, and the associated opportunities for economic development are growing equally as fast. The Greater Boston community can benefit greatly from the education and innovation resources that Fab Hub Kendall will provide. Our distributed model works well, but to scale our impact, we need a place, a headquarters for our work.

**Your help in funding this effort is so important. Please consider joining us on our mission to further technology education, drive innovation, and foster economic development.**



# The Challenge



In the US, the disconnect between technology development and technical education means that we are unprepared to have a skilled, technologically literate, and agile workforce to participate in and drive the next industrial revolution. Individuals and communities that cannot access these technologies are less able to participate in the global economy.

We have identified three significant community education needs in Greater Boston that we will address through programming at Fab Hub Kendall:



## Economic mobility for opportunity youth

In 2022, the **Measure of America project** identified 64,400 opportunity youth—individuals between the ages of 16 and 24, who are not in school, college, or the workforce—in Massachusetts, of whom 39,200 were located in Greater Boston.



## Workforce upskilling and reskilling

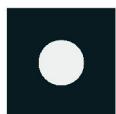
The **Massachusetts Future of Work Advisory Council** anticipates that, by 2030, more than 400,000 job transitions will be needed, driven largely by new automated technologies. This presents an enormous workforce reskilling challenge.



## K-12 education

With funding for schools and teacher professional development eroding nationally, the need to train and support educators in integrating effective STEM education in the classroom is greater than ever.

The communities of Greater Boston also face social challenges. As example, in Cambridge, the future home of Fab Hub Kendall, we find that:



One in three residents is food insecure. ([Bloomberg](#))



The average rent is 69% higher than the US average.



And 37.3% of households qualify for affordable housing programs. ([Mass Housing Data Portal](#))

Read on to discover how we will work with the community to co-create sustainable solutions through applied research and programming at Fab Hub Kendall.



**Fab Labs and Fab Academy transform lives –and at the heart of this impact is the Fab Foundation, whose leadership keeps the global network active and inspired. In Armenia, I've seen people move from the capital city to live in Dilijan, just to be part of Fab Lab Armenia. Through Fab Academy, they gain confidence, skills, and purpose. Local challenges become opportunities for global collaboration, and learning turns into livelihoods, innovation, and resilient community growth."**

Jacqueline Karaaslanian  
Founding Board Member,  
**Fab Lab Armenia**



# The Solution: Fab Hub Kendall Planned Programs & Activities

Fab Hub Kendall will provide pathways for learners, workers, and innovators to access technology jobs and opportunities through hands-on, cross-technology education programs, technology industry internships, and mentoring programs. The Fab Foundation offers a robust portfolio of exciting and high-quality programs and activities, with many more in development.

Through our Academany and Fab Futures 21st-century vocational skills training programs, we will develop technical literacy and provide access to advanced digital technologies for workforce development. We will reach educators through our related Fab Futures K-12 Professional Development and SCOPES-DF programs.

We understand that securing fulfilling technology sector jobs opens doors to critical economic mobility for individuals and families. In our first three years in Kendall Square, our goal is to bring relevant education and job connections to over 2,000 opportunity youth; to skill, upskill, and reskill 3,000 workforce members; and to provide STEM professional development to 500 Boston Area K-12 educators.

**“**The fastest way into the minds and hearts of kids is to engage them in something meaningful. If they have the opportunity to explore their interests with barriers removed, they will run with it. Fab Academy brings opportunities for students to create, explore, and build their own unique learning path. The engagement seen in our Fab Lab can translate into other areas of students' lives and spark knowledge that their life outside of the classroom can be so much more fulfilling.”

Annalies Corbin  
Founder & CEO of **The PAST Foundation**



We invite you to partner with us to support these programs and to collaboratively design, build, and implement innovative new programs to activate our community!



## K-12 Activities and Courses

After successfully delivering STEM education and professional development programs in formal and informal learning contexts around the world, we will now bring them to Fab Hub Kendall.

\*planned programming



## Community Activities

**Fab City Global Initiative**  
empowering urban communities to create sustainable, innovative, and regenerative futures

**Fab Hub Kendall Events**  
talks, exhibits, and meetups highlighting local innovation

**FABx Events**  
our annual international conference, dedicated to exploring digital manufacturing, innovation, and technology, as well as their applications in society

# The Fab Foundation: Work and impact

For over 15 years, the Fab Foundation has expanded access to the tools and knowledge of digital technologies for education and community development. We have done this by providing STEM education and training programs for teachers and students, hands-on technical innovation education for individuals seeking new skills, and guidance and prototyping support for those pursuing entrepreneurial ideas. We have designed and deployed Fab Labs around the world, bringing digital learning and fabrication spaces to more than 100 communities in 30 countries. We connect the Fab Lab Network through online platforms and global conferences, reaching more than 35,000 experts, academics, makers, educators, and students annually.

**And we continue to make digital fabrication accessible to all by developing our own innovative learning products and services.**

Through our extensive experience and our deep connections to global expertise in digital technologies, we are well-positioned to facilitate and support the great potential of digital fabrication in education, innovation, and community development. We can lay foundations for an inclusive and resilient community in Greater Boston and take the lessons learned here to a global community, spreading that impact across the world.



# Fab Foundation Impact

## By the numbers:



### +200K

Students, teachers, and community members impacted by corporate sponsorship of Fab Foundation's STEM education outreach, network collaboration, and professional development programs over five years at labs across the US

### +1,700

**Fab Academy** graduates worldwide, contributing to a more robust workforce and new enterprises based on emerging technologies



500 Students  
80 Sites  
60 Countries

Annual reach of **Academany**, our portfolio of globally distributed education programs

### +38,000

People reached over 20 years of **our global conferences**, online and in-person

### +\$300M

Estimated community financial investments in Fab Labs as a global infrastructure for learning and innovation



6K  
Students



200  
Teachers



39  
Schools

Reach of our Boston-based mobile educational Fab Lab program

### +1.5M

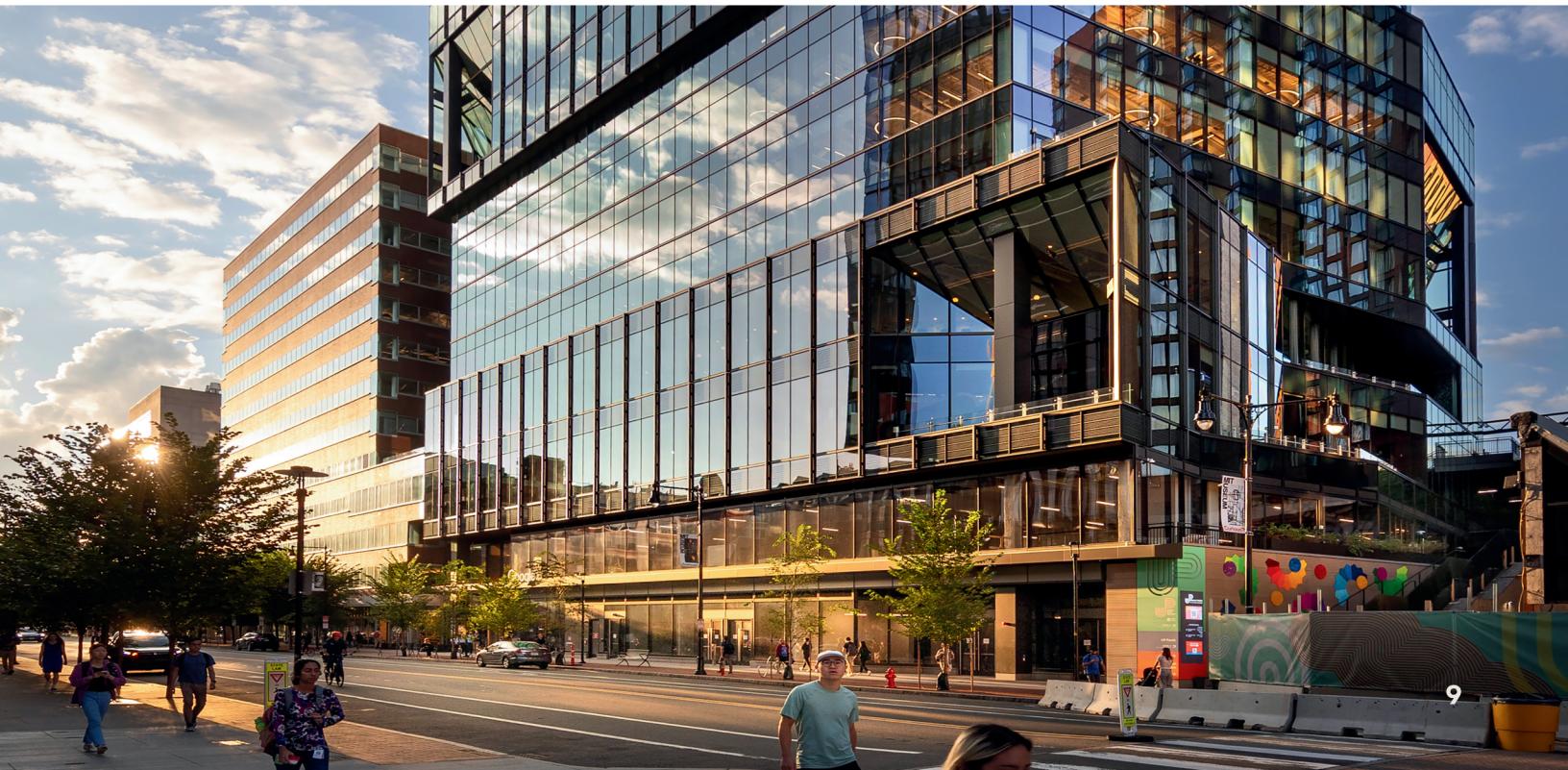
Members of the global Fab Lab Network — a community of academics, artists, educators, makers, and more dedicated to the collaborative exploration of advanced technologies

# Support Fab Hub Kendall

**To support the development of Fab Hub Kendall, our goal is to raise \$5,000,000 over three years through a robust Capital Campaign, matched by a generous commitment from our partner BxP. This funding provides for the renovation, technical infrastructure, and program development to serve Cambridge, Greater Boston, and New England.**

Fab Hub Kendall will include a digital fabrication laboratory (Fab Lab), education center, cafe, store, and the global headquarters of the Fab Foundation, in addition to designated spaces for community programming and public events. This facility will bring new technical education, workforce development, and economic opportunity to Greater Boston. But we can't accomplish this alone! It will take your partnership to help us create this vibrant space for our communities to learn, grow, and serve.

The project to establish Fab Hub Kendall is a collaboration between BxP, the City of Cambridge, and the Fab Foundation. BxP, one of the nation's largest and most progressive developers, committed to developing an 11,600 square foot facility at 325 Main Street, in the growing heart of Kendall Square—a vibrant and innovative urban center right across the Charles River from downtown Boston. Fab Hub Kendall will be situated within the new Kendall Center development, adjacent to MIT and the Kendall Square T-stop, in a building that houses the local offices for Google and integrates a rooftop public garden and public plaza with year-round programming.





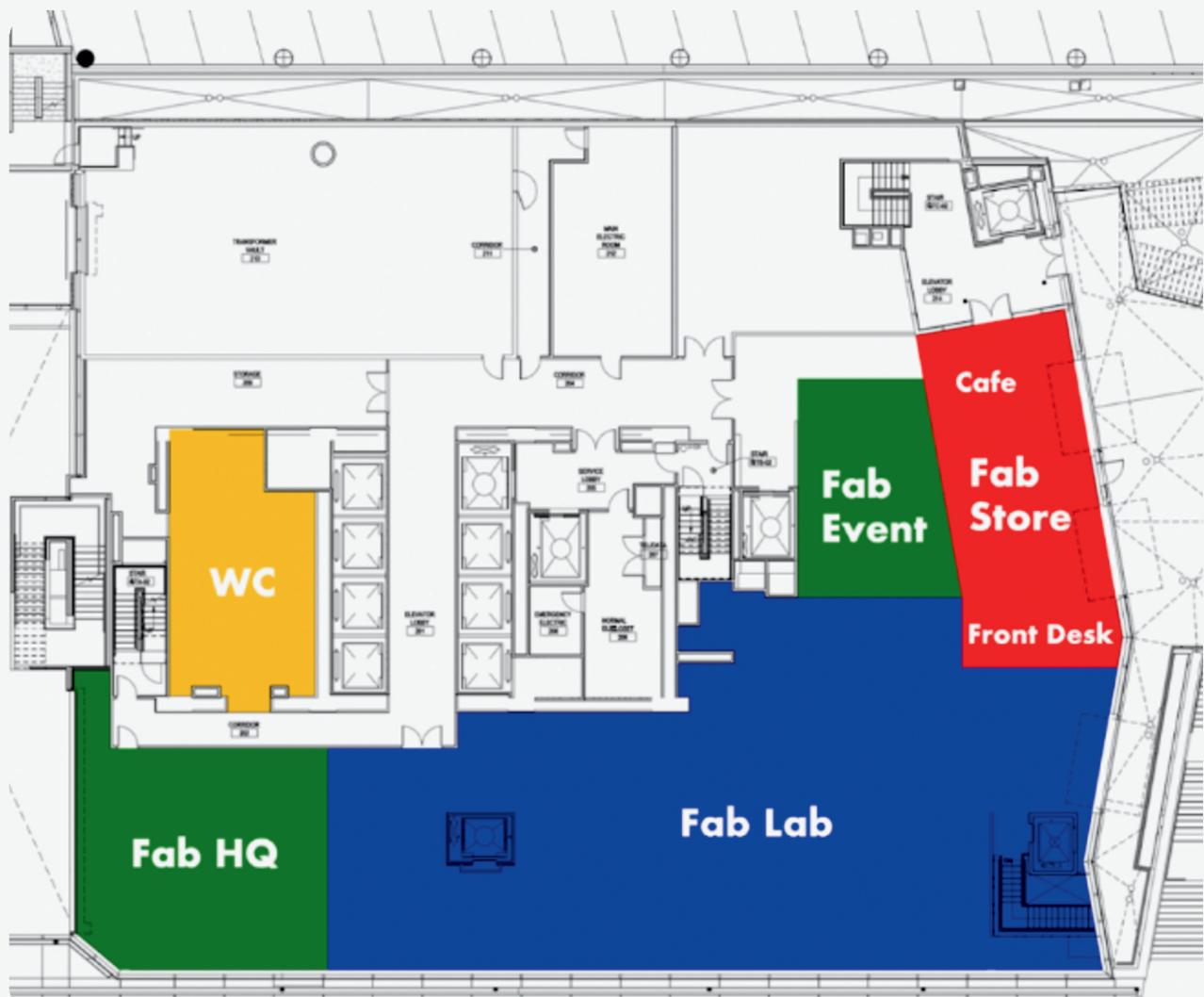
**FAB LAB:** a fully equipped digital fabrication space with 3D printers, a laser cutter, CNC machines, electronics workstations, textiles tools, and design software. It supports hands-on making, with a focus on safety, sustainability, and accessibility.



**FAB EVENTS:** a flexible learning zone equipped with a projection system, whiteboards, and modular seating—ideal for workshops, classes, and design reviews. **FAB HQ:** The first flagship of the Fab Foundation Offices.



**FAB STORE (Cafe & Front Desk):** a welcoming showcase space that features locally made products, materials, and Fab Lab merchandise. It also serves as the front desk and includes a small café, creating a vibrant entry point where visitors and connect with the maker community.

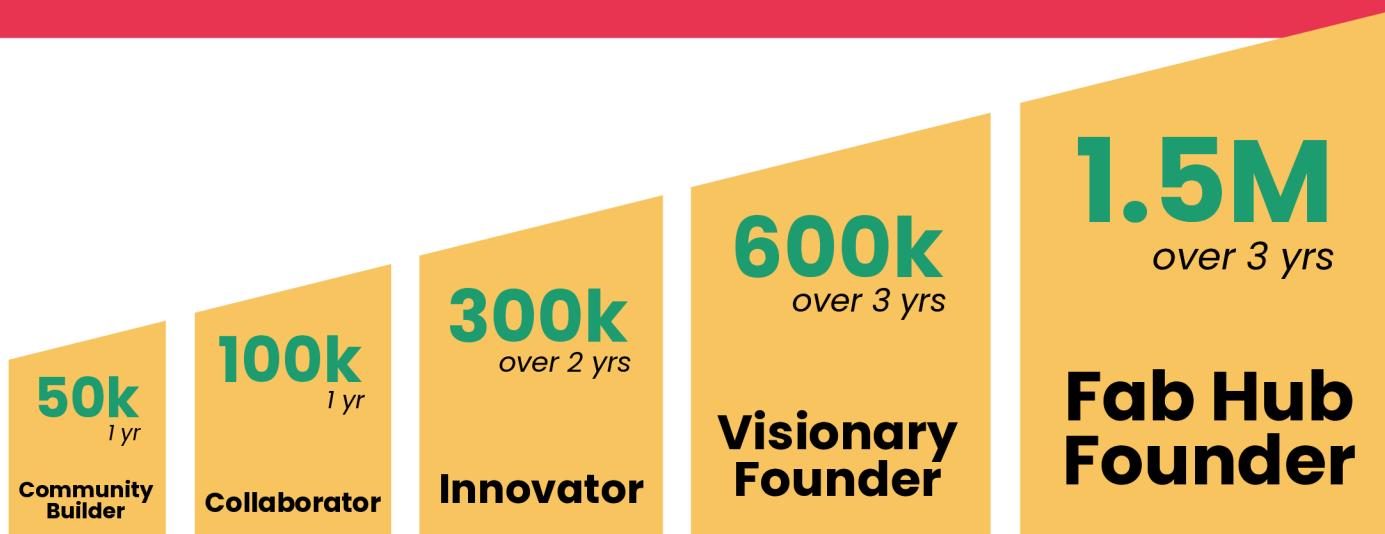


*BxP has dedicated this valuable central space to the Fab Foundation as a social impact commitment to Cambridge and the Kendall Square community. This project serves as a pilot, demonstrating new ways for developers to meet the needs of the communities in which they work."*

Bryan Koop, Executive Vice President, Boston Region, **BxP**

# Donor Opportunities

The Capital Campaign for Fab Hub Kendall offers many donor opportunities. Your gift will support the exciting programs described above, and your impact will be amplified beyond Kendall Square as we scale the meaningful local education, workforce development, and research programs to a global community.



***Additional Donor Opportunities are also available***

*You can make an impact in the community in many other ways, we also welcome endowments, bequests, and gifts.*

Please reach out to me personally via email: [sherry.lassiter@fabfoundation.org](mailto:sherry.lassiter@fabfoundation.org)

# Donation Benefits

Donation Level	Fab Hub Founder	Visionary	Innovator	Strategic Collaborator	Community Builder
<b>Facility</b>	Public exterior signage with name on facility				
<b>Space Benefits</b>	Engraved Plate on Fab Wall of Fame	Engraved Plate on Fab Wall of Fame	Engraved Plate on Fab Wall of Fame	Listed on Fab Wall of Fame	Listed on Fab Wall of Fame
<b>Marketing</b>	<ul style="list-style-type: none"> <li>Logo on website</li> <li>5 dedicated newsletters</li> <li>2 Annual story feature</li> <li>3 press release</li> <li>6 social posts and all Hub correspondence</li> <li>Programming feature</li> </ul>	<ul style="list-style-type: none"> <li>Logo on website</li> <li>1 dedicated newsletters</li> <li>1 Annual story feature</li> <li>1 press release</li> <li>4 social posts and all Hub correspondence</li> </ul>	<ul style="list-style-type: none"> <li>Logo on website</li> <li>Mention all Newsletter</li> <li>1 press release</li> <li>2 social media post</li> </ul>	<ul style="list-style-type: none"> <li>Logo on website</li> <li>Mention all Newsletter</li> <li>1 press release</li> </ul>	<ul style="list-style-type: none"> <li>Logo on website</li> <li>Mention all Newsletter</li> </ul>
<b>Endorsement</b>	Fab Facility	Lab Space	Fab Program	Fab Community	Workshop or Class
<b>Activities</b>	<ul style="list-style-type: none"> <li>Invitation to private dinners</li> <li>4 Co-hosted workshops</li> <li>4 Scholarship for a community of your choice</li> <li>Invitations to all networking events</li> <li>Exhibits at all local events</li> </ul>	<ul style="list-style-type: none"> <li>Invitation to private dinners</li> <li>2 Co-hosted workshops</li> <li>2 Scholarship for a community of your choice</li> <li>Invitations to all networking events</li> <li>Exhibits at local 4 events</li> </ul>	<ul style="list-style-type: none"> <li>Invitation to private dinners</li> <li>1 Co-hosted workshop</li> <li>1 Scholarship for a community of your choice</li> <li>Invitations to networking events</li> <li>Exhibits at local 2 events</li> </ul>	<ul style="list-style-type: none"> <li>Invitation to private dinners</li> <li>1 training</li> <li>Invitations to networking events</li> <li>Exhibits at local 1 events</li> </ul>	<ul style="list-style-type: none"> <li>Invitations to networking events</li> <li>Exhibits at local 1 events</li> </ul>
<b>Report</b>	1 per year	1 per year	1 per year	1 per year	



*The Fab Foundation has proven to be a strategic thought partner for Chevron. Their innovative approach and collaborative spirit enables us to evolve our partnership continuously, ensuring that we meet and exceed the educational needs of today and in the future. Together, we are empowering communities and shaping the next generation of leaders.”*

*Karen Rawls, Senior Social Investment Advisor, Chevron*

“

**A Fab Lab is a space where innovation meets imagination, and boundaries vanish in the face of creativity. Anything can happen in a place where you can do (almost) anything, all that's missing is you.”**

Adrian Torres Omaña, **Fab Lab León**, Spain

Digital fabrication is growing in importance for meeting our economic, social, and environmental challenges.

The Fab Foundation is positioned to support and grow the technical infrastructure, human capacity, and innovation needed to address these challenges.

Your support is essential. We hope you will invest generously, helping us educate the next generation of technology innovators, and lay foundations for thriving economies.



***For further information, please contact:***

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