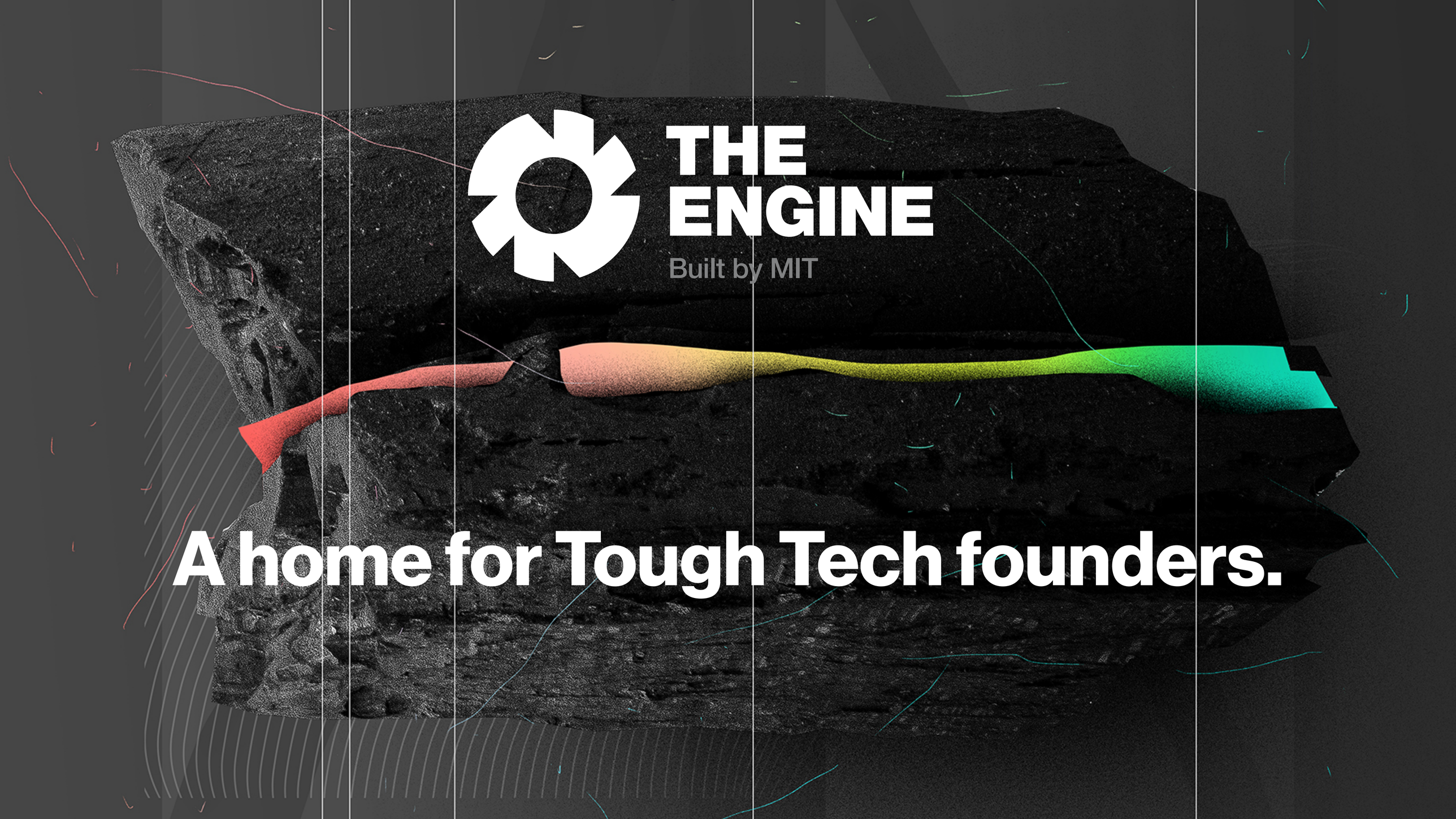
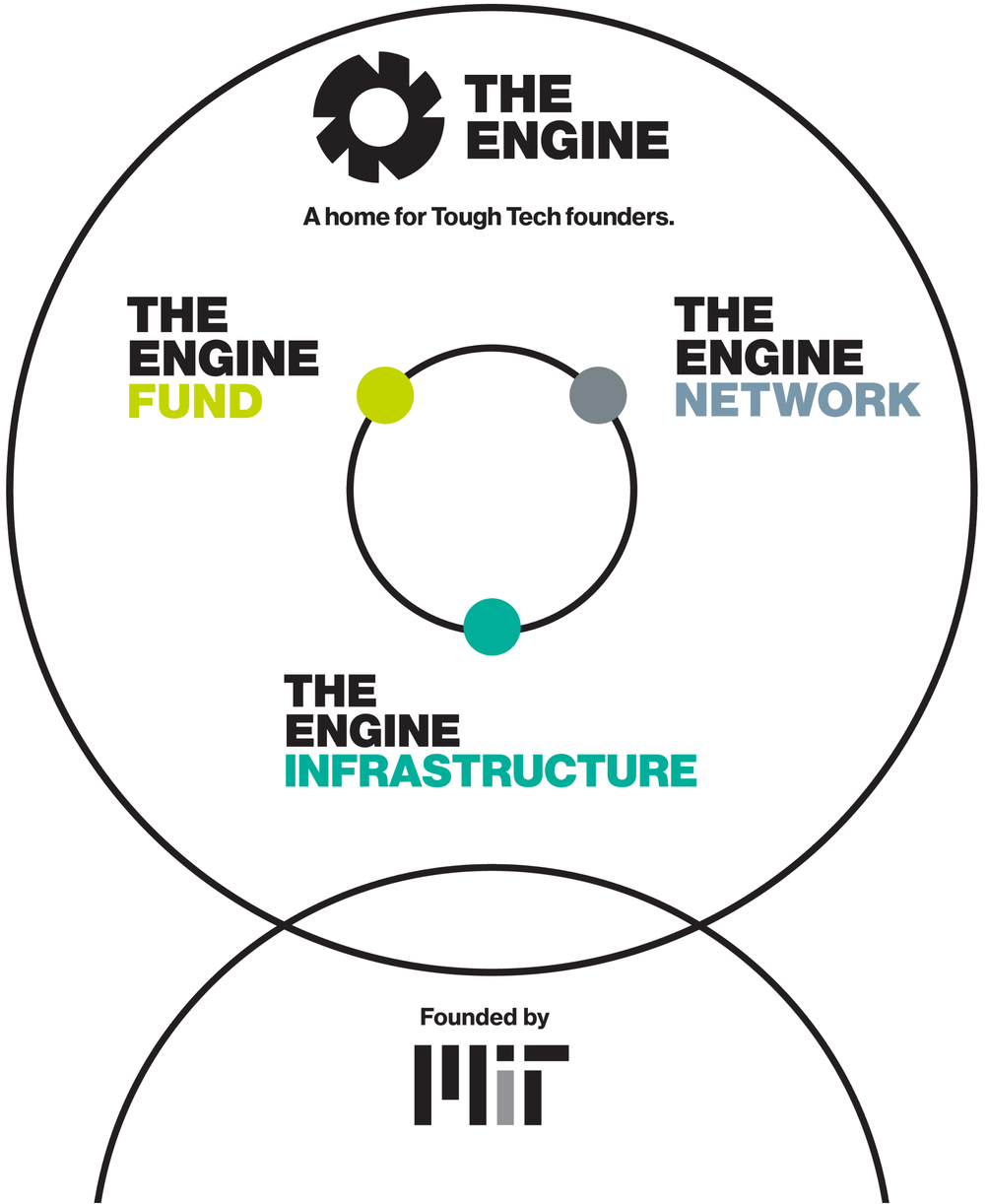

THE ENGINE
Built by MIT
A home for Tough Tech founders.

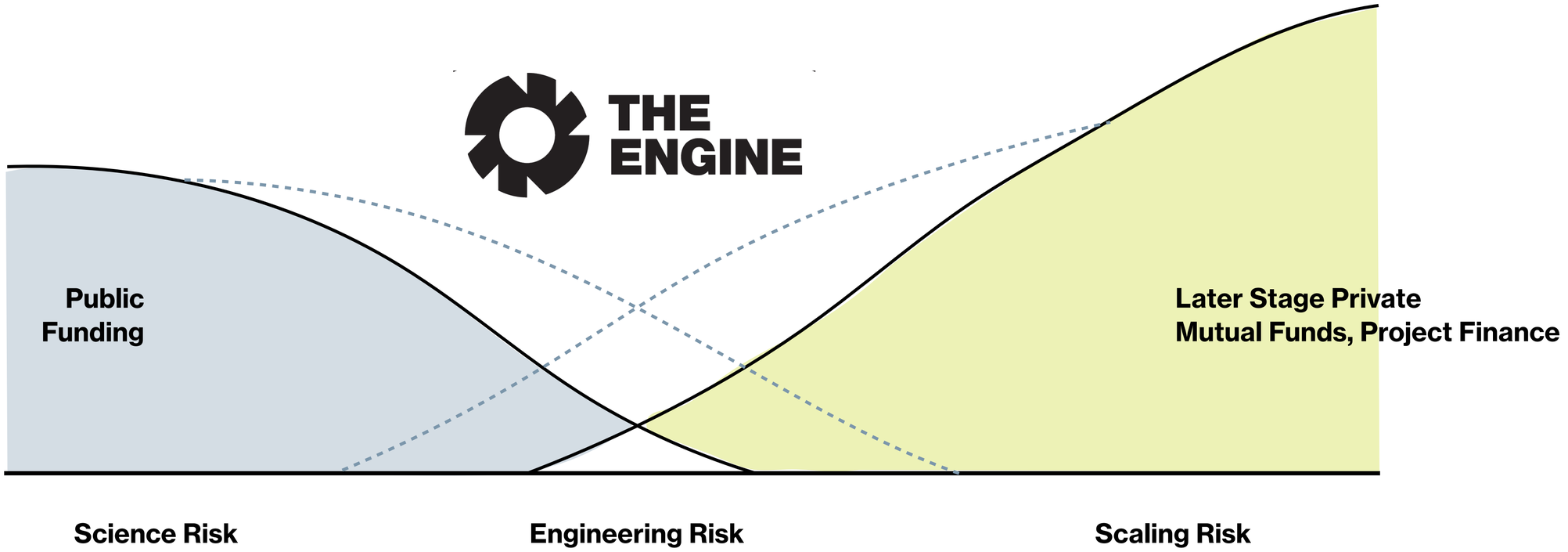
The Engine

The Engine, built by MIT, is a venture firm that invests in early-stage companies solving the world's biggest problems through the convergence of breakthrough science, engineering, and leadership.

Our mission is to accelerate the path to market for Tough Tech companies through access to a unique combination of investment, infrastructure, and a vibrant ecosystem.



A Need for Unlocking Commercialization in Tough Tech



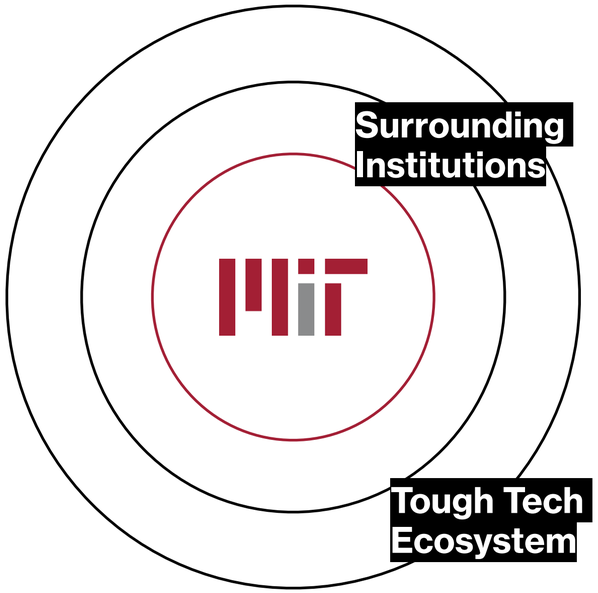
The Engine invests in early-stage companies solving the world's biggest problems through a convergence of breakthrough science, engineering, and leadership. Its unique venture model accelerates companies' path to market.

The opportunity...

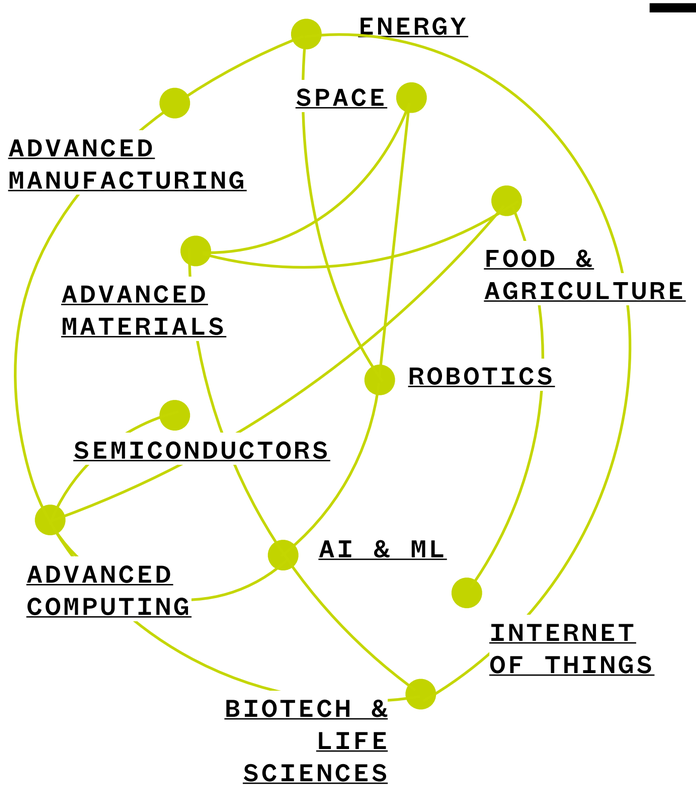
The Engine is **unlocking the potential of MIT,** the surrounding institutions & regions where breakthrough opportunities lie.

It does so by **investing in companies** that are rooted in breakthrough science & technology that will **transform markets**

Its **model uniquely positions** the Fund to develop these **companies at the earliest stages** to **commercialization**



- THOUSANDS OF P.I.S
- CROSS INSTITUTIONAL RESEARCH LABS
- HUNDREDS OF PATENTS FILED ANNUALLY IN BOSTON REGION



THE ENGINE
Built by MIT
+
MIT

Strong Start with Fund I

PORTFOLIO COMPANIES	27
TOTAL EMPLOYEES	450+
TOTAL CAPITAL RAISED	$550M+

...to build the revolutionary companies of tomorrow

FORM ENERGY

Making renewable energy available 24/7 with bidirectional power plants.

LILAC SOLUTIONS

The fastest, most sustainable, and most efficient lithium extraction platform.

SYZYGY PLASMONICS

Chemical production driven by light, enabling cheaper scalable on-site production.

VIA SEPARATIONS

Up to 90% energy savings in separation process in the pulp & paper, chemical, and dairy industries.

BOSTON METAL

Efficient, lower-cost production of steel and alloys with zero emissions.

CAMBRIDGE ELECTRONICS

Significantly more efficient electronics: from data centers to electric vehicles.

COMMONWEALTH FUSION SYSTEMS

Safe, unlimited, carbon-free fusion power for the grid in 10-15 years.

QUAISE

Providing universal access to geothermal energy through disruptive energy drilling technology.

CELLINO

A tissue foundry for regenerative medicines.

MORI

A natural coating to reduce food spoilage and packaging waste.

E25BIO

Rapid, accurate diagnosis of infectious disease at the point of care.

BIOTBOT

Transforming wastewater into public health observatories.

SEASPIRE SKINCARE

The future of sustainable skincare.

KYTOPEN

Cellular engineering, at unparalleled speeds, from discovery to medicines.

LUCY THERAPEUTICS

Breakthrough mitochondrial-based therapies for neurological diseases.

VAXESS TECHNOLOGIES

Vaccines & immunotherapies applied by patch & mimicking natural challenge to the immune system.

SUONO BIO

Ultrasound drug delivery for difficult-to-treat diseases.

ISEE

Automating the logistics industry with a humanistic AI-powered autonomous driving system.

HYPERLIGHT

Ultra-efficient optical circuits to de-bottleneck data centers and telecom networks.

SYNC COMPUTING

Building the first Optimization Processing Unit to help unlock solutions from computing to networking.

RADIX LABS

Automating biology lab processes from experiments to mass production.

INORGANIC INTELLIGENCE

Next generation AI chips

ZAPATA COMPUTING

Quantum software and algorithms to solve industry's hardest problems.

ANALYTICAL SPACE

Real-time satellite network connecting space to Earth 24/7.

C2SENSE

Chemical sensing technologies to track and quantify the invisible.

RISE ROBOTICS

Enabling the next era of fully electrified heavy machinery.

WoHo

Pioneering building construction through technology

Building Technologies: Sample Investments

WoHo

Creating beautiful, intelligent, and scalable building systems that raise the standards of low-to-high rise construction.

Founder	Israel Ruiz, Débora Mesa and Antón García-Abril
Background	MIT, Ensamble Studio
Industry	Advanced Manufacturing, Advanced Materials
Description	WoHo is transforming the way spaces are conceived and created. **The company integrates architectural design, engineering, and construction into a single, streamlined platform to quickly build resilient, sustainable, high-rise buildings.**

Boston Metal

Efficient, lower-cost production of steel and alloys with zero emissions.

Founder	Tadeu Carneiro, Rich Bradshaw, Adam Rauwerdink, Donald Sadoway, Antoine Allanore, Bob Hyers, Jim
Background	MIT Department of Materials Science and Engineering
Industry	Advanced Manufacturing, Energy
Description	Today, the steel industry is the largest industrial source of CO2 emissions because of a reliance on coal. **Boston Metal removes coal from the process, driving CO2 emissions to zero**, while also providing substantial OPEX and CAPEX savings.

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The Engine's Tough Tech Policy Work

Arguing for the Prioritization of Tough Tech Innovation

1. The Engine-Belfer Center Tough Tech Mandate

2. Two Policy Proposal Papers

    a. Creation of a Foundational Technology Development and Deployment Office

    b. National Tough Tech Public-Private Partnership to Spur Economic Growth