

STRATEGIC INNOVATION CENTERS OVERVIEW

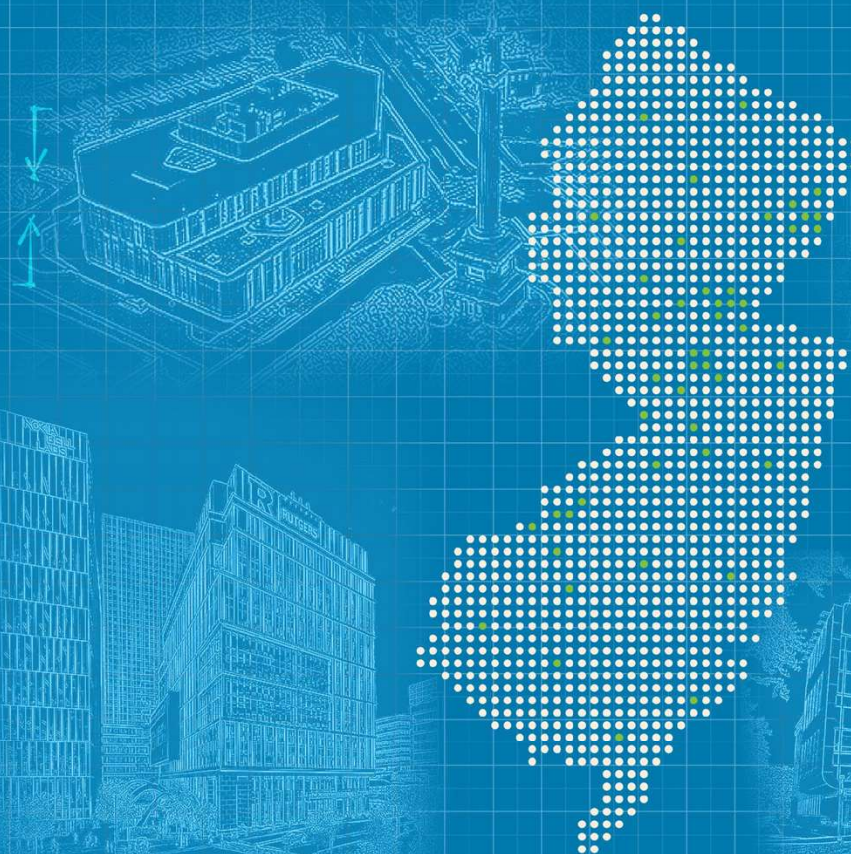
September 2026

NJEDA
ECONOMIC DEVELOPMENT AUTHORITY

Scan for Advisory Council Member
Bios, SIC List & Updates



NJEDA
ECONOMIC DEVELOPMENT AUTHORITY



WHAT IS A STRATEGIC INNOVATION CENTER?

Strategic Innovation Centers (SICs) are facilities designed to support research and development (R&D), innovation, entrepreneurship, or to address specific problems using innovative methods. These objectives are met by providing a range of services, including:

- Mentorship
- Networking opportunities
- Practical training
- Business support services
- Educational programs
- Access to testing, fabrication, or manufacturing facilities and equipment

NJEDA brings together partners with a common goal to advance a common industry initiative.

NJEDA's COMMITMENT

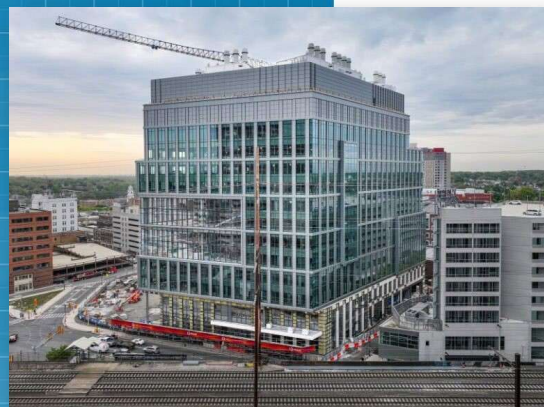
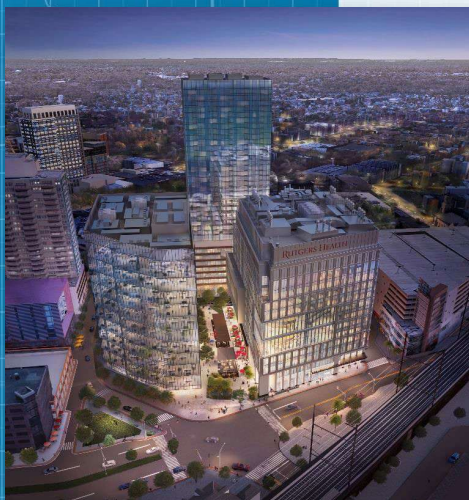
- Equity Investment: \$190M
- Strategic support

TYPES OF SICs

- Services (e.g. Accelerators)
- Real Estate (e.g. Incubators)

GOALS

- Support stakeholder's objectives of engagement, investment, acceleration of business strategies, alliances and other strategic initiatives



A multi-tenant innovation cluster, Helix (H1) is focused on health and life science.

- **LOCATION:** New Brunswick, opened July 2026.
- **PARTNERS:** Portal Innovations (accelerator Partner), RWJBarnabas Health, Hackensack Meridian Health, the New Brunswick Development Corporation (DEVCO), Middlesex County, Princeton University, Rutgers University, Tel Aviv University, Atlantic Technological University, and Nokia Bell Labs.
- **TYPE:** Real Estate (shared environment.)
- **MAGNITUDE:** 12-story, 573k-sq.-ft. building, includes a translational research space, the Rutgers medical school, and the New Jersey Innovation Hub.
- **NJEDA INVESTMENT:** \$10 million + \$5 million fund investment
- **SECTOR:** Health and life sciences.

BENEFITS & IMPACTS OF SICs

SICs provide major benefits to businesses and entrepreneurs in New Jersey to accelerate growth through job creation, investment dollars, alliances and partnerships, among other strategic objectives.

12 SICs across: INFORMATION AND HIGH TECHNOLOGY, ADVANCED MANUFACTURING/ INNOVATIVE INDUSTRIES and **LIFE SCIENCES**, create critical infrastructure and conditions to grow the innovation economy.

Through 6/30/2026, **200+ companies** benefited from SIC support; SICs directly invested **\$14 million** in **75 NJ companies**; including the private match the total is more than **\$60 million**, supporting **400 jobs** (+200 YE 2024).

This work is done in collaboration with forward-facing partners in academia, government, and industry.



ANNOUNCED SICs – DATE OF OPERATION

		2021	2024	2025	2026	2027	2028	2030
 INFORMATION AND HIGH TECHNOLOGY	1. New Jersey Innovation Institute		✓	✓				
	2. NJ FAST		✓					
	3. NJ AI Hub			✓				
LIFE SCIENCE	4. EdgeWorks							✓
	5. Helix				✓			
	6. NJ CORIELL BioMedical						✓	
	7. Accelerator for Innovation in Medtech (NJ AIM) @Rowan					✓		
ADVANCED MANUFACTURING/ INNOVATIVE INDUSTRIES	8. Nurture NJ Innovation Center (NNIC) in Trenton					✓		
	9. Nokia Innovation Center			✓			✓	
	10. Atlantic County NJ Aerospace				✓			
	11. HAX	✓						
	12. NJ HAX Plasma Forge					✓		



HAX is the world's first and most active accelerator for pre-seed, hard tech startups focused on industrial, human health and climate.

- **LOCATION:** US flagship headquarters at 707 Broad Street in Newark, opened April 2024.
- **PARTNERS:** SOSV, NJIT, Rutgers, Princeton, amongst others for recruiting companies, use of lab space and interns.
- **TYPE:** Accelerator.
- **MAGNITUDE:** Program provides 6-month collaborative residency, hands-on engineering support and initial investment of \$250,000.
- **NJEDA INVESTMENT:** \$25 million.
- **SECTOR:** Industrial, human health and climate.



Oli Technologies Inc

Enabling hemodialysis without boundaries – in a portable, personal, powerful way.

FOUNDED 2021
North Brunswick, NJ

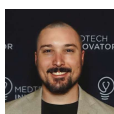


Oli technologies

De-centralizing Kidney Care

Founded in 2021 and based in North Brunswick, OLI Technologies is revolutionizing end-stage renal disease treatment. Leveraging proprietary nanotechnologies, OLI is developing intelligent wearables that emulate the natural capabilities of healthy kidneys. The company has advanced their prototype development and completed their first in-animal trial, testing their portable hemodialysis system in sheep. The company recently closed on a \$3M Seed financing round led by SpringTide Ventures, to support their prototype hemodialysis system to design completion and pilot scaling.

FOUNDERS



Tom Weindl
CEO (Former Ethicon)



Ray Luo
CCOO — Princeton '84; Executive-in-Residence,
Princeton Office of Innovation

STATE OF NEW JERSEY SUPPORT

5 of 7 employees in NJ

Angel Tax Credit

NJ Accelerate Grant

CSIT Grant Support

The R&D multiplier.

The next phase is about making the connections increasingly valuable.



NJEDA brings partners together around a common industry initiative.

WHY IT MATTERS

The SIC network is already translating investment into companies, jobs, partnerships and specialized infrastructure.

Earlier intervention → stronger pipeline → better strategic opportunities

New Jersey Fintech Accelerator
At Stevens Institute Of Technology



NJ FAST brings together entrepreneurs with world-class ideas to New Jersey, increasing our state's inherently impressive talent pool, all while capitalizing on the resources and expertise of our partners.

- **LOCATION:** 2 Hudson Place in Hoboken, with satellite at Prudential Headquarters in Newark; opened September 2024.
- **PARTNERS:** Stevens Institute of Technology, Prudential Financial, Plug & Play, and NJEDA.
- **TYPE:** Accelerator.
- **MAGNITUDE:** 2 cohorts per year featuring 15 participating companies per cohort generating at least \$10M of investment.
- **NJEDA INVESTMENT:** \$14.6 million; \$10 million fund.
- **SECTOR:** Fintech/Insurtech.



Hydronos Labs

BATCH 1 • FOUNDED 2020
PRINCETON JUNCTION, NJ



HYDRONOS LABS

TerraCognos Platform

Climate Hazard Risk Insights-as-a-Service

Founded in 2020 and based in Princeton Junction, Hydronos Labs is on a mission to “democratize” access to climate hazard risk data. Its open-core TerraCognos platform combines public weather and climate data with machine learning, knowledge graphs and linked-data techniques to deliver affordable risk assessment, planning and mitigation tools that are built for individuals, small and mid-sized businesses, researchers and state and local agencies that commercial services have historically priced out.

FOUNDERS



Colby Fisher *18

Co-Founder — Princeton Ph.D. '18



Joe Studholme '84

Co-Founder — Princeton '84; Executive-in-Residence, Princeton Office of Innovation

STATE OF NEW JERSEY SUPPORT

NJ FAST Batch 1 Cohort

NJ AI Hub Cohort

NJ AI Challenge

NJEDA Grant Support

Balcony

BATCH 1 • FOUNDED 2021
HOBOKEN, NJ

balcony

BALCONY

Land Records Infrastructure

Modernizing America's Land Records

Founded in 2021 and based in Hoboken, Balcony unifies fragmented county and municipal property records into a single, AI- and blockchain-powered system built on Avalanche. Its platform digitizes and secures deeds and land data, cutting settlement time from months to days while adding fraud and foreign-ownership monitoring through its mTrace product. Balcony inked a five-year deal to digitize 370,000 Bergen County parcels (~\$240B in real estate value) which is the **largest blockchain deed-tokenization project in U.S. history** and is rolling out to municipalities including Camden, Orange, Morristown and Fort Lee.

CO-FOUNDERS



Dan Silverman
CEO & Co-Founder



Gregg Lester
Co-CEO & Co-Founder



Alex McGee
CBO & Co-Founder

STATE OF NEW JERSEY SUPPORT & TRACTION

NJ FAST Batch 1 Cohort

Bergen County Partnership

\$24.7M Raised

5 NJ Municipalities Live

Strategic Innovation Centers are creating economic opportunity and growth for current and future generations in New Jersey.

Enhancing New Jersey's Competitiveness Nationally and Globally

12 SICs

Located throughout New Jersey

\$190 Million

Total NJEDA commitment for SIC capital investments, operations, and startup funds



Once all SICs are fully operational and stabilized, the projected impacts in Year 10 include:

28,000 Direct Jobs

Created by SIC startup companies, with an additional 35,000 indirect and induced jobs supported

\$17 Billion

In total economic output from graduated SIC startups, including direct operations, supply chain activity, and household spending across New Jersey

\$427 Million

In total annual tax revenue generated for New Jersey by SIC startup activities



THE ECOSYSTEM IS MOVING.

Bring partners together around a common industry initiative.

OUR JOB IS TO MAKE IT COMPOUND.

Turn individual interventions into a self-reinforcing economic engine.



CORPORATES
Validate
Mentor
Partner



INVESTORS
Capital
Scale
Follow-on



FOUNDERS
Innovate
Build
Grow



ACADEMIA
Discovery
Research
Talent

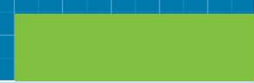
THE STRATEGIC QUESTION

How do we maximize the value of the operationalized SIC platform?

DISCUSSION

APPENDIX

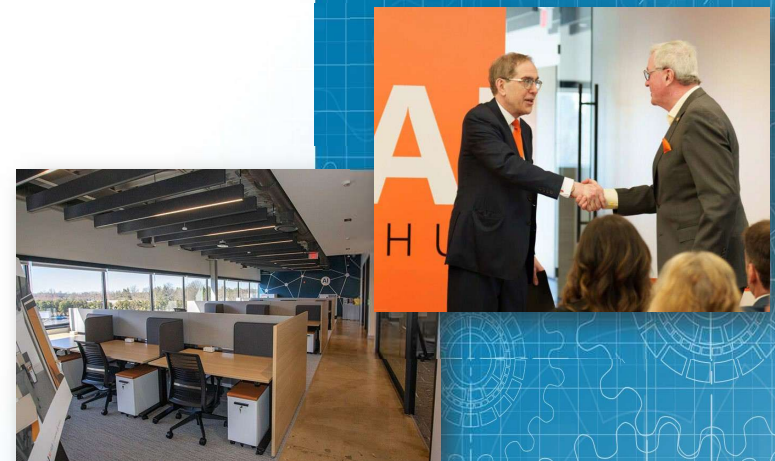
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The NJ AI HUB is a partnership to build a leading center that will support R&D, startup commercialization, and AI education in key sectors like life sciences, clean energy, and cybersecurity.

- **LOCATION:** 619 Alexander Road in West Windsor; opened March 2025.
- **PARTNERS:** CoreWeave, Microsoft, Princeton University.
- **TYPE:** Innovation center and accelerator.
- **MAGNITUDE:** A \$37M commitment, the NJ AI Hub operates within 6,500 sq. ft. of shared space to commercialize research into emerging companies by providing business training, operating services, and physical space.
- **NJEDA INVESTMENT:** \$15 million.
- **SECTOR:** Artificial Intelligence (AI).

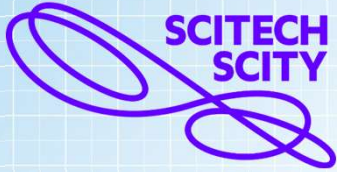




Announced in 2025, the NJ CORIELL BIOMEDICAL CENTER will be a bioscience hub with incubator and step-out lab space for biotech companies. Part of the Lewis L. Coriell Medical Research Center, the 45,000-sq.-ft. facility will include wet labs, a vivarium, convening, and office space.

- **LOCATION:** Opening in Camden in 2028.
- **PARTNERS:** Rutgers and Rowan medical schools.
- **TYPE:** Real Estate (bioscience hub).
- **MAGNITUDE:** The Center will host ~16 companies focused on cancer research, epigenetics, stem cells, and drug development.
- **NJEDA INVESTMENT:** \$20 million.
- **SECTOR:** Bioscience – the Studio will commercialize research into emerging companies by providing business training, operating services, and physical space.





EDGEWORKS will serve as the 8-story, 120k-sq.-ft. business creation hub for SciTech Scity. The Healthcare Innovation Engine will deliver real-world proofs of concept for digital health technologies.

- **LOCATION:** Jersey City, within the Scitech City Campus, opening 2029.
- **PARTNERS:** Liberty Science Center, Sheba Medical of Israel will be the anchor tenant, Academic partners include: FDU; NJIT; Princeton University; Rowan University; Stevens Institute of Technology.
- **TYPE:** Real Estate (co-working office.)
- **MAGNITUDE:** Anticipate 80 companies occupying private offices and co-working desks.
- **NJEDA INVESTMENT:** \$20 million.
- **SECTOR:** Digital health – housing laboratories, R&D spaces, office suites, shared spaces, exhibition gallery, and state-of-the-art conference center.



ATLANTIC COUNTY NEW JERSEY AEROSPACE CENTER

A 40k-sq.-ft. facility at the NATIONAL AEROSPACE RESEARCH & TECHNOLOGY PARK (NARTP) containing office and studios dedicated to research and development, innovation, and commercialization of emerging aerospace and aviation technologies; opening June 2026.

- **LOCATION:** Egg Harbor Township.
- **PARTNERS:** NJEDA and Atlantic County Improvement Authority (ACIA). Academic Partners: Rowan University, Rutgers School of Engineering, Stockton University, Embry-Riddle Aeronautical University, and the National Institute of Aerospace.
- **TYPE:** Real Estate (aerospace center).
- **MAGNITUDE:** The SIC will plan, develop, construct, and manage the innovation hub which shall consist of co-working spaces and studio spaces focusing on the aerospace industry to create 250 jobs total.
- **NJEDA INVESTMENT:** \$8.6 million.
- **SECTOR:** Aerospace.



New Jersey
Innovation Institute
An NJIT Corporation

Opened May 2025, the NJII VENTURE STUDIO will create new companies in technology and Life Science leveraging Intellectual Property from academia and industry.

- **LOCATION:** Within NJII's incubator in Newark.
- **PARTNERS:** NJII, NJIT along with other NJ research Universities.
- **TYPE:** Venture studio and fund.
- **MAGNITUDE:** The Studio will commercialize research into 10 newly created companies by providing business training, operating services, and physical space.
- **NJEDA INVESTMENT:** \$5.8 million; \$4.6 million fund.
- **SECTOR:** Information and high-technology and life sciences.



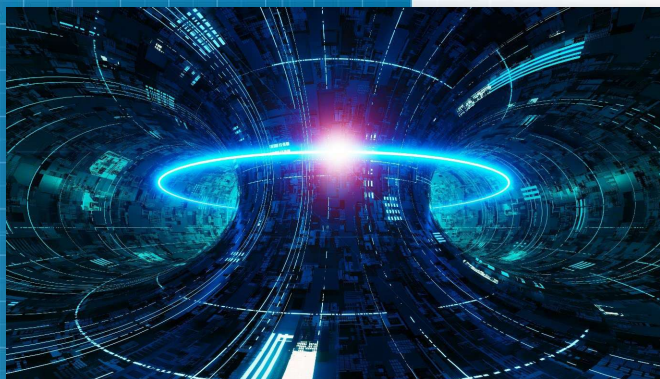


The NJ NOKIA INNOVATION CENTER will offer lab and office space for companies advancing frontier technologies, alongside the NJ BELL LABS VENTURE STUDIO to launch new companies using IP from within Nokia, academia and industry.

- **LOCATION:** Nokia's new HQ in New Brunswick, NJ, with 13,500 sq. ft. of world-class lab and office space. The Studio opened April 2025 at Murray Hill and will relocate to Helix 2 in 2028.
- **PARTNERS:** Nokia; NJIT and Rutgers.
- **TYPE:** Real Estate (co-working) and Venture Studio.
- **MAGNITUDE:** 20+ companies expected to locate upon opening in 2028. The Studio will commercialize 15 companies by providing business training, operating services, and physical space.
- **NJEDA INVESTMENT:** \$25 million total: \$10 million fund+\$10 million incubator
- **SECTOR:** Focus areas include Deep Tech in microelectronics, AI, advanced manufacturing, compute, IT, and NextGen communications.



PLASMA
TECHNOLOGY



CLEAN ENERGY

QUANTUM
COMPUTING

SOSV



HAX

NJ HAX PLASMA FORGE

Opening in Q3 2026, the NJ HAX PLASMA FORGE is an innovation hub to accelerate commercialization of plasma technologies in clean energy, microelectronics, space propulsion, and quantum computing.

- **LOCATION:** Near Princeton Plasma Physics Lab (PPPL) in Princeton.
- **PARTNERS:** SOSV, PPPL, Princeton University.
- **TYPE:** Accelerator.
- **MAGNITUDE:** Will support 25 deep-tech startups over 5 years through incubation, acceleration, and investment. PPPL will provide in-kind support including equipment, lab access, and technical services. The Forge will offer 10,000 sq. ft. of lab and coworking space for low-temp plasma, semiconductor, and energy R&D.
- **NJEDA INVESTMENT:** \$24.5 million: \$3 million fund.
- **SECTOR:** Plasma technologies in clean energy, microelectronics, space propulsion, and quantum computing.

Nurture NJ Innovation Center (NNIC)

THE NJ MATERNAL & INFANT HEALTH INNOVATION CENTER (MIHIC) is a world-class accelerator, opening in Q1 2027, for related technology companies and promote overall scientific collaboration in the region.

- **LOCATIONS:** Trenton, at the Maternal and Infant Health Innovation Authority's new facility.
- **PARTNERS:** NJMIHIA, Capital Health, Plug and Play, Rutgers University, Capital Health, The Trenton Health Team.
- **TYPE:** Accelerator & Fund.
- **MAGNITUDE:** Operating within 5K sq ft at MIHIA, the accelerator will select 25 companies per cohort, 2 cohorts annually, with 30-50% of the companies within this sector.
- **NJEDA INVESTMENT:** \$3.8 million, including fund, accelerator, studio and operations.
- **SECTOR:** Life Sciences (maternal & infant health).



NJ Accelerator for Innovation in Medtech (NJ AIM)



THE NJ AIM is a world-class accelerator, opening in Q2 2026, for related technology companies and promote overall scientific collaboration in the region.

- **LOCATIONS:** The NJ AIM will include multiple locations at the Camden Joint Health Sciences Center and the Life Science Research Center at Glassboro.
- **PARTNERS:** Rowan University, Cooper University Health, Plug and Play and Garden State Venture Partners and NLC Ventures.
- **TYPE:** Venture Studio Accelerator & Fund.
- **MAGNITUDE:** Operating within 8.5k sq. ft. of co-working and lab space at the Joint Health Sciences Center in Camden. The accelerator will select 25 companies per cohort, 2 cohorts annually, with 40-60% of the companies within this sector.
- **NJEDA INVESTMENT:** \$5.7 million, including fund, accelerator, studio and operations.
- **SECTOR:** Life Sciences (medtech).



WHAT DO THESE CENTERS LOOK LIKE?

Strategic Innovation Centers can be accelerators, incubators, research centers, innovative service delivery centers, or **multi-tenant innovation clusters**. The common purpose is to create a **physical location** that builds a community of entrepreneurs and innovators collaborating on a shared goal.

Targeted Industries



Advanced
Transportation
and Logistics



Advanced
Manufacturing



Autonomous Vehicle
and Zero-Emission
Vehicle Research
or Development



Aviation



Clean Energy



Film and
Digital Media



Finance and
Insurance



Hemp Processing



Information and
High Technology



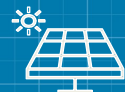
Life Sciences



Non-Retail Food
and Beverage
Businesses



Professional
Services



Other Innovative
Industries that Disrupt
Current Technologies or
Business Models

CHARACTERISTICS OF A STRONG STRATEGIC INNOVATIONS CENTER PARTNER

Are you interested in partnering with NJEDA on a Strategic Innovation Center?

Potential proposals must support a broad range of companies/businesses in a targeted industry OR support increasing diversity and inclusion within the State's entrepreneurial economy. Proposals should also have public private partnerships and a university engagement component. Potential SICs must have a unique identity within the state.

PUBLIC PRIVATE PARTNERSHIPS

The private sector lead must have a minimum 1:1 match with both significant experience and financial commitment. The NJEDA will be an equity partner in the project and an advisor, but not a day-to-day operator.

ONE TO MANY

One location with a single focus that will help many entrepreneurial businesses.

UNIVERSITIES

The SIC should have an engagement plan that includes partnerships with NJ Universities and key community partners with an emphasis on advancing diverse entrepreneurs and underserved communities.

Bring your Strategic Innovation Center ideas to NJEDA!



An SIC predecessor, The New Jersey BioScience Center (NJBC) is located in the heart of the state's "Bioscience Cluster" on Route 1 between Rutgers and Princeton Universities in North Brunswick, New Jersey.

- 5 buildings and 3 redevelopment sites on 50 acres including: incubator, post-incubator, independent R&D space, and build-to-suit-space.
- NJEDA acquired the NJBC in 1999 and has invested **\$70 million** into developing the center.



FOR MORE INFORMATION



njeda.gov/strategic-innovation-centers



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New Jersey Economic
Development Authority

NJEDA

ECONOMIC DEVELOPMENT AUTHORITY

