



WHO WE ARE

[SGInnovate](#) is a private organisation wholly owned by the Singapore government. SGInnovate prioritises Singapore-based IP and enables aspiring entrepreneurs in Singapore to imagine, start, build, commercialise and scale globally-relevant innovations from Singapore for the world. We passionately believe that Singapore has the resources and capabilities to 'tackle hard problems' that matter to people around the world.

SGInnovate's **Deep Tech Nexus** strategy is the direct result of experiences and insights gained from our first year of operation, focusing on transformational technologies such as artificial intelligence (AI), blockchain, and robotics that have horizontal applications to many industries, as well as MedTech which impacts the healthcare industry.

[Our Board](#) comprises a team of well-respected government leaders and captains of industry with vast experience within the technology and economic sectors.

WHAT WE DO

We are committed to add tangible value to the Singapore deep tech startup ecosystem in two key areas – developing **Human Capital** and deploying **Investment Capital**.

HUMAN CAPITAL	INVESTMENT CAPITAL
Strengthening individual talent capabilities through a range of deep tech related learning opportunities	Investing equity in early-stage deep tech startups , investing in at least 20 deep tech startups founded in Singapore in 2018
Expanding deep tech talent network through active engagements locally and internationally	Business building support , working closely with startups that SGInnovate has invested in areas such as customer sales and talent recruiting
Strengthening deep tech communities through deep tech related networking events	Building collaborative spaces where deep tech startups, education events and community events can co-exist for mutual benefit

OUR ACHIEVEMENTS IN 2017

15

Deep tech startups
invested in

400

Potential customer
leads

100+

Events created and
hosted at SGInnovate

9,000

Participants the
SGInnovate events

OUR PORTFOLIO

We make equity-based investments in promising deep-tech startups from Pre-seed to Series A. Our portfolio include [Adatos](#), [dataxu](#), [Hydroleap](#), [Prowler.io](#), [Silent Eight](#), [Tabsquare](#), [Taiger](#), [Treebox Solutions](#), and [WEB Biotechnology](#), to name a few.



Through our collaboration with Universities, Polytechnics, Entrepreneur First (EF) and Singapore-MIT Alliance for Research and Technology, our goal is to build a database of talent by creating a two-sided marketplace in which talented people and high-potential startups can find each other.

In addition to financial support, SGInnovate also provides relevant resources for startups and entrepreneurs build and scale their companies.

OUR DEEP TECH CO-INVESTORS

SGInnovate will be co-managing a fund under the Startup SG Equity Scheme, with the total value for investments potentially reaching up to S\$80 million over the next four years.

The 17 co-investors under this scheme are:

C31 Ventures	Cocoon Capital	Decacorn Partners
Dymon Asia Ventures	Gobi Management	Jungle Ventures
Mojo Partners	Monk's Hill Ventures	NSI Ventures
Pix Vine Capital	Qualgro Partners	Supply Chain Angels
TNF Ventures	tryb Group	Velocity
Vickers Venture Partners	Wavemaker Partners	

OUR LOCATIONS

- 32 Carpenter Street, Singapore (more than 16,000 square feet)
- BASH, Blk 79 Ayer Rajah Crescent, Singapore (more than 25,000 square feet)
- Blk 71 @ SF, 162 S Park St, San Francisco

OUR PARTNERS *(In alphabetical order)*



EF (Entrepreneur First)

Entrepreneur First (EF) was founded by Matt Clifford and Alice Bentinck to help top technical talent build world-class tech startups in London. It is the only pre-seed investment programme in the world to accept candidates' pre-team, pre-idea with individuals selected purely on the basis of their technical ability or domain expertise.

As well as pre-seed funding, the full-time, six-month programme provides individuals with mentoring and advice from the EF team and some of the world's top entrepreneurs, as well as office space and legal and administrative support, so that each cohort has the best possible environment to meet potential co-founders and launch their startups.

The programme has so far supported over 200 entrepreneurs build over 70 companies who have been funded by some of the world's leading venture investors, including Balderton Capital, Index Ventures; Notion Capital, Octopus Investments and Y Combinator.

Ethereum

The Ethereum Foundation aims to promote and support research, development and education to bring decentralized protocols and tools to the world that empower developers to produce next generation decentralized applications (dapps), and together build a more globally accessible, more free and more trustworthy Internet.

Developed by the Ethereum Foundation, a Swiss non-profit, with contributions from great minds across the globe, Ethereum is a decentralized platform that runs smart contracts: applications that run exactly as programmed without any possibility of downtime, censorship, fraud or third-party interference.

These apps run on a custom built blockchain, an enormously powerful shared global infrastructure that can move value around and represent the ownership of property. This enables developers to create markets, store registries of debts or promises, move funds in accordance with instructions given and many other things that have not been invented yet, all without a middle man or counterparty risk. The project was bootstrapped via an ether pre-sale during August 2014 by fans all around the world.

General Assembly (GA)

General Assembly (GA) is advancing the future of work by equipping individuals and corporations alike with the most in-demand 21st-century skills. Offering training and assessments in web development, data science, digital marketing, and more, GA is building transparent career pathways for people, and sustainable, diverse talent pipelines for employers. Founded in 2011 in New York City, General Assembly is now in 20 cities worldwide, has a community of professionals nearly 1 million strong, and was voted the world's most innovative company in education by Fast Company.

GIC

GIC is among the world's largest fund management companies. It was established in 1981 to manage Singapore's foreign reserves. GIC strives to achieve good long-term returns on assets under its management, so as to preserve and enhance Singapore's reserves. GIC's key strengths include the ability to take a long-term investment perspective, having a global presence,



capabilities to invest in cross asset opportunities, and a skilled, experienced team. Its investments span across 40 countries and in assets such as equities, fixed income, real estate, private equity and infrastructure. GIC employs over 1,400 staff in its headquarters in Singapore and offices in Beijing, London, Mumbai, New York, San Francisco, Sao Paulo, Seoul, Shanghai, and Tokyo.



IBM

IBM is a leading cognitive solutions and cloud platform company headquartered in Armonk, NY that leverages the power of innovation, data and expertise to improve business and society. Established in 1911, it is the largest technology and consulting employer in the world, with more than 380,000 employees serving clients in 170 countries. With 24 consecutive years of patent leadership, IBM Research is the world's largest corporate research organization with more than 3,000 researchers in 12 labs located across six continents. With Watson, the AI platform for business, IBM is building industry-based solutions to real-world problems guided by its "Principles for Transparency and Trust in the Cognitive Era."



IPOS (Intellectual Property Office of Singapore)

The Intellectual Property Office of Singapore (IPOS) is a statutory board under the Ministry of Law. We develop the right legal regime and business ecosystem to support an innovation-driven economy, build IP skills and expertise and foster innovation and creativity for Singapore's future growth. We deliver on our commitments through our core values of integrity, professionalism, team work and by investing in our greatest asset – our people. More information on IPOS can be found at www.ipos.gov.sg.



McLaren Applied Technologies

McLaren Applied Technologies (MAT) are on a relentless mission to improve people's lives by combining fresh thinking and technology to solve crucial challenges. Decades of competition in the world's most technologically advanced sport has given MAT the ability to see and maximise the potential of an increasingly connected world.

Working with like-minded visionaries, it goes beyond the limits of what was considered possible to turn ideas into reality by developing intelligent products and processes.



National Supercomputing Centre (NSCC) Singapore

National Supercomputing Centre (NSCC) Singapore was established in 2015 and manages Singapore's first national petascale facility with high performance computing (HPC) resources to support science and engineering computing needs for academic, research and industry communities. Funded by its stakeholders, including Agency for Science Technology and Research (A*STAR), Nanyang Technological University (NTU), National University of Singapore (NUS), and Singapore University of Technology and Design (SUTD), with substantial funding from the Singapore Ministry of Trade and Industry (MTI), NSCC aims to democratise access to supercomputing. NSCC works with local and international organisations to catalyse collaborative HPC projects and programmes which support national research and development initiatives, attract industrial research collaborations and enhance Singapore's research capabilities.



Nurture.ai

Nurture.ai is a web platform for the AI community to intelligently discover, discuss and implement AI research, thus accelerating the AI research process and increasing ease of adopting new methods.



NVIDIA

NVIDIA (NASDAQ:NVDA) is the AI computing company. Its invention of the GPU in 1999 sparked the growth of the PC gaming market, redefined modern computer graphics and revolutionized parallel computing. More recently, GPU deep learning ignited modern AI -- the next era of computing -- with the GPU acting as the brain of computers, robots and self-driving cars that can perceive and understand the world.



Red Dragon AI

Red Dragon AI is started by two serial entrepreneurs Sam Witteveen and Dr Martin Andrews, who are committed to increasing the AI talent pool in Singapore. They started the "TensorFlow and Deep Learning" meet-up group, which, in under a year has become Singapore's biggest active data science community. And while Red Dragon's products are still in stealth mode, you might want to keep an eye out for them as Google has selected both Martin and Sam as only two of fifteen Google Developer Experts for Machine Learning in the world.



SingularityNET

SingularityNET – the brainchild of renowned Artificial Intelligence expert, Dr. Ben Goertzel, and famed robotics pioneer, Dr. David Hanson, is a revolutionary new, decentralized, open marketplace for exchanging AI services. With SingularityNET, companies, organisations and individuals will be able to create, combine and monetise AI technologies at scale.

One of the first use cases for SingularityNET will be provided by Sophia, the world's most expressive humanoid robot. Created by founding partners Hanson Robotics, Sophia will become a core node for SingularityNET, bootstrapping the network with dozens of cognitive processes such as procedure repository, associative episodic memory, spacetime servers, world simulation, and more.



SMART

Singapore-MIT Alliance for Research and Technology (SMART) is a major research enterprise established by the Massachusetts Institute of Technology (MIT) in partnership with the National Research Foundation of Singapore (NRF) since 2007. It is the first entity in the Campus for Research Excellence and Technological Enterprise (CREATE) developed by NRF.

For more information on SGIInnovate, please visit <https://www.sginnovate.com/>, or join our community at <https://www.facebook.com/SGINNOVATESingapore/>.