

Entrepreneurship Education at the University of Tokyo

Takao Someya

**Executive Director and Vice President
(Responsibility: Start-up)**

Biography Takao Someya

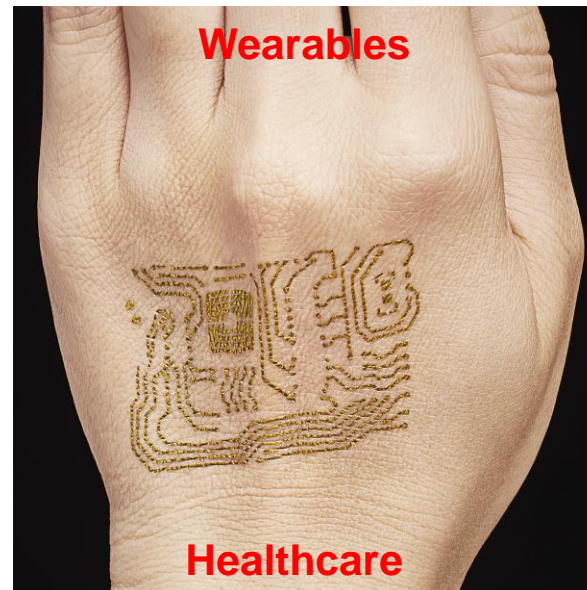
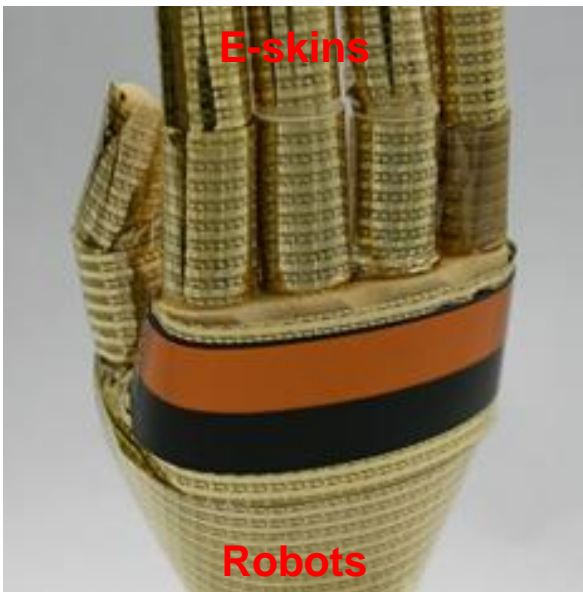


1968 Born in Japan
1997 PhD, UTokyo
2009 Professor, School of Engineering UTokyo
2015 Chief Scientist, RIKEN (concurrent post)
2020 Dean, School of Engineering
2023 Executive Director and Vice President

Concurrent Appointment Overseas

2001 – 2002 Visiting Scientist, Columbia Univ.
2009 – 2017 Global Scholar, Princeton Univ.
2016 – 2019 Globalfoundries Visiting Professor,
National Univ. of Singapore
2017 – 2020 Hans Fischer Senior Fellow, Technical Univ. of Munich

Invention of “e-skin” (electronic skin) with stretchable electronics



- ✓ >50,000 citations (h-index:100)
- ✓ NEDO/JAPER Project Leader (JPY 9.7B)
- ✓ JST/ERATO Research Director (JPY 2.0B)
- ✓ JST/ACCEL PI (JPY 1.5B)

- ✓ 350 media coverage (CNN, BBC, Time, Washington Post, New York Times)
- ✓ Patents: Japan18, USA13, China 5, Europe 2(Pending: Japan 55, Overseas 37)

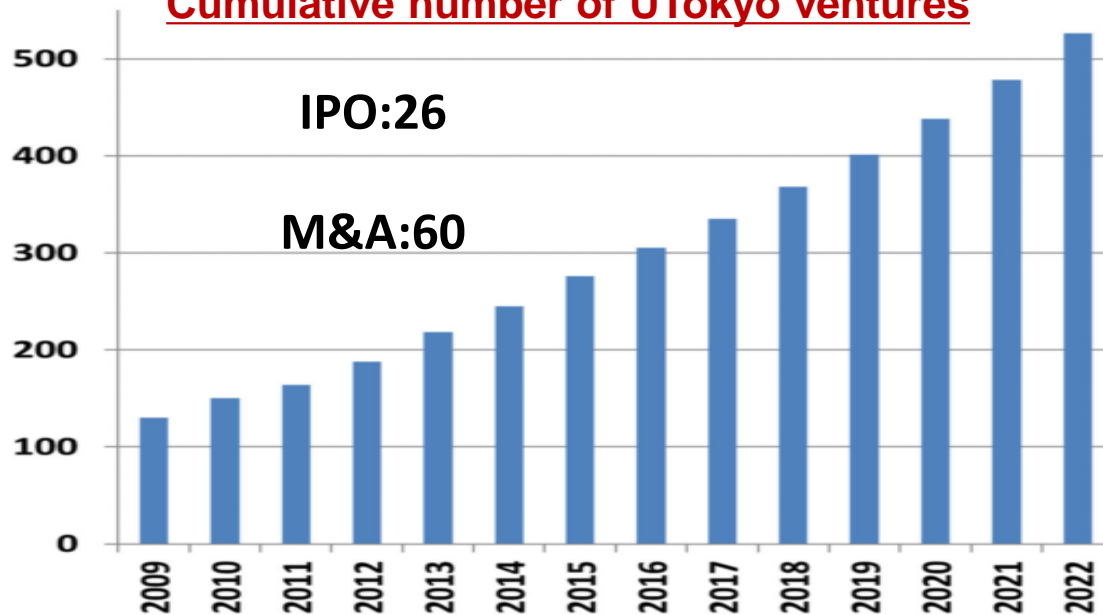
- ✓ Xenoma, UTokyo spin-off venture company founded in 2015
- ✓ 2020 CES, METI Academic Startups Award
- ✓ Chosen top 4 among 507 smart apparel companies in the world

Creating Unicorns

The University of Tokyo is strengthening support measures from entrepreneurship education to the establishment of startups with the aim of creating Unicorns.

- ✓ Number of UTokyo related venture companies : 526 (March 2022)
- ✓ Total market capitalization of top five companies: 1.4 trillion yen (Jan 2021)

Cumulative number of UTokyo ventures

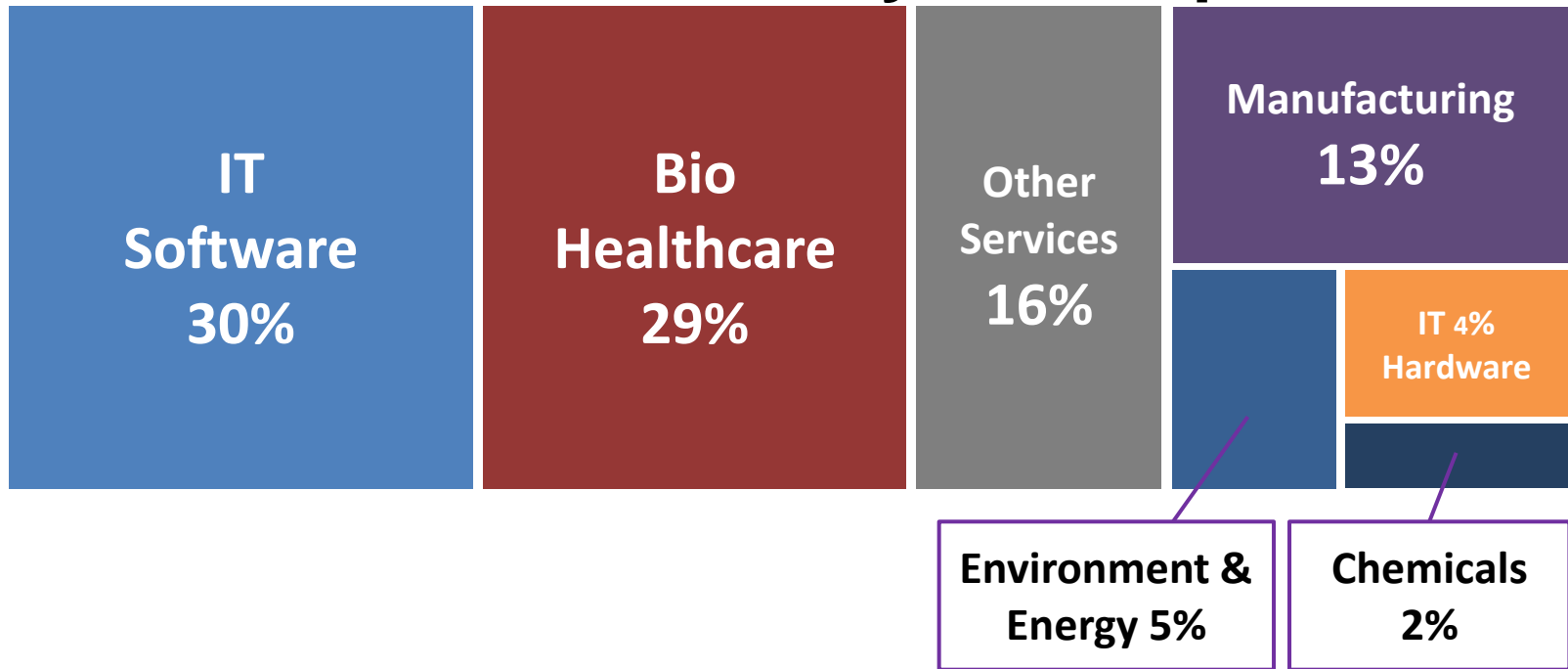


Outline of the plan

1. Global collaboration
2. Deep tech reinforcement
3. Social entrepreneur development

Deep tech entrepreneurship is expected.

Sectors of UTokyo-startups



DeepTech fields

Space, Robotics, IT Hardware, Semiconductors, Materials Science, Environment & Energy, Genome and Biotechnology, Pharmaceuticals, Healthcare, Quantum Computing

Entrepreneurial environment @ the University of Tokyo

[1] Venture capital & funding

■ The University of Tokyo Edge Capital Partners (UTEC)

- ✓ Venture capital associated with the University of Tokyo. Established in 2004.
- ✓ A pioneer in Japan's university-related venture capital, managing five funds with a cumulative total of approximately 85 billion yen.
- ✓ So far, he has invested in over 140 university startups.



■ UTokyo Innovation Platform Co.,Ltd. (UTokyo IPC))

- ✓ 100% subsidiary of the University of Tokyo. Established in 2016.
- ✓ Managed a total of 25 billion yen for the "Co-creation Fund No. 1" and 24 billion yen for the "AOI Fund 1".
- ✓ To date, we have supported over 75 University of Tokyo-related startups.



[2] Intellectual property management

■ UTokyo Technology Licensing Organization

- ✓ Technology transfer organization associated with the University of Tokyo. Established in 1998.
- ✓ Cumulative licensing revenue exceeding 10 billion yenCumulatively concluded approximately 5,000 contracts
- ✓ Japan's largest university technology transfer track record



Division of University Corporate Relations, The University of Tokyo

[1] Operating Incubation Facility

A startup support facility spanning 10,000 m²

- University of Tokyo Entrepreneur Plaza (2007-)
- University of Tokyo Entrepreneur Lab (2018-)
- Komaba Collaborative Research Building Incubation Room (2009-)
- University of Tokyo Kashiwa II Entrepreneur Hub (2019-)
- Cooperating off-campus facilities: Several locations around Hongo



[2] Providing GAP Fund

- In-campus grant system to promote commercialization of research results (6 million yen per grant)
- A total of approximately 300 applications were received, and over 100 were selected.

[3] Hongo Tech Garage

- A workshop equipped with machine tools for students (2016-)



[4] Todai to Texas

- Dispatch of UTokyo-related startups and student project teams to the South by Southwest (SXSW) exhibition in the US



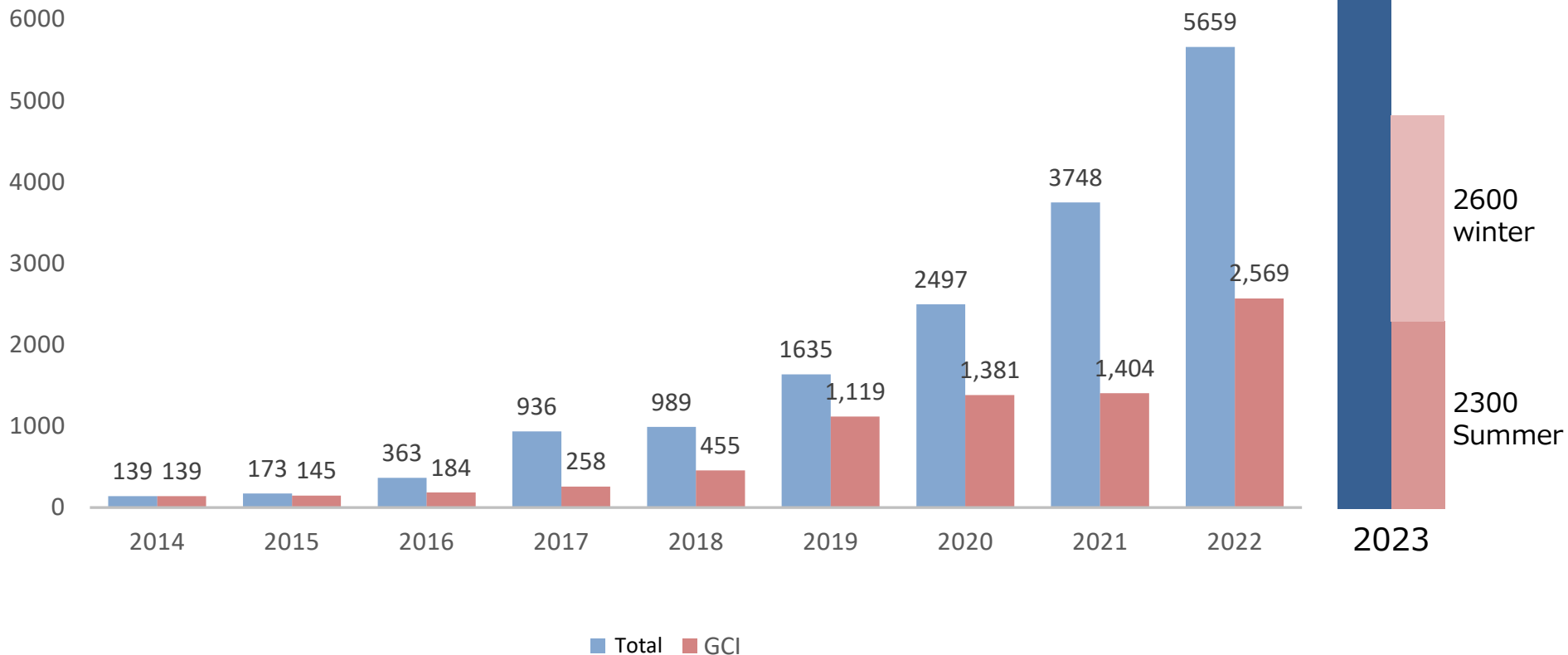
[5] FoundX

- Operated with donations from supporting companies (from 2019)
- Supporting graduates in the very early stages before and after starting a business
- Providing private rooms and coworking spaces



AI-related courses

More than 25 courses are offered annually in four areas:
web, data science, deep learning, and entrepreneurship.



Rising number of entrepreneurs

- In recent years, almost all graduates from Matsuo Lab have gone on to higher education or started a business.
- Half of students enrolled in technology management strategy majors hope to start a business in the future

Startups from Matsuo Lab

