

New Industry Creation Fund for University Startups,
Startup Ecosystem Co-creation program,
Nationwide Network Building Support Project (NINEJP)



Tech Startup HOKURIKU
(TeSH)

TOYAMA Interdisciplinary Fes.



September 26, 2025
UCHIDA Fumihiko
Program Head of Directors, Tech Startup HOKURIKU/
Director, Startup Promotion Office, JAIST

TeSH Opportunity Comes to Hokuriku Academia

Government “Startup Development Five-year Plan” Nov. 2022

~Increase investment in startups 10 times by FY2027
100 unicorns and 100,000 startups~

New Industry Creation Fund for University Startups (2023-2027) **Supplementary budget (98.8 billion yen)**

① Deep Tech Startup International Development Program
(D-Global) ¥300M × 3 years / 10 projects per year (nationwide)

② Startup Ecosystem Co-creation program
(Aug. 29, 2023, Open call)

Base-city Platform Co-creation Support

Regional Platform Co-Creation Support

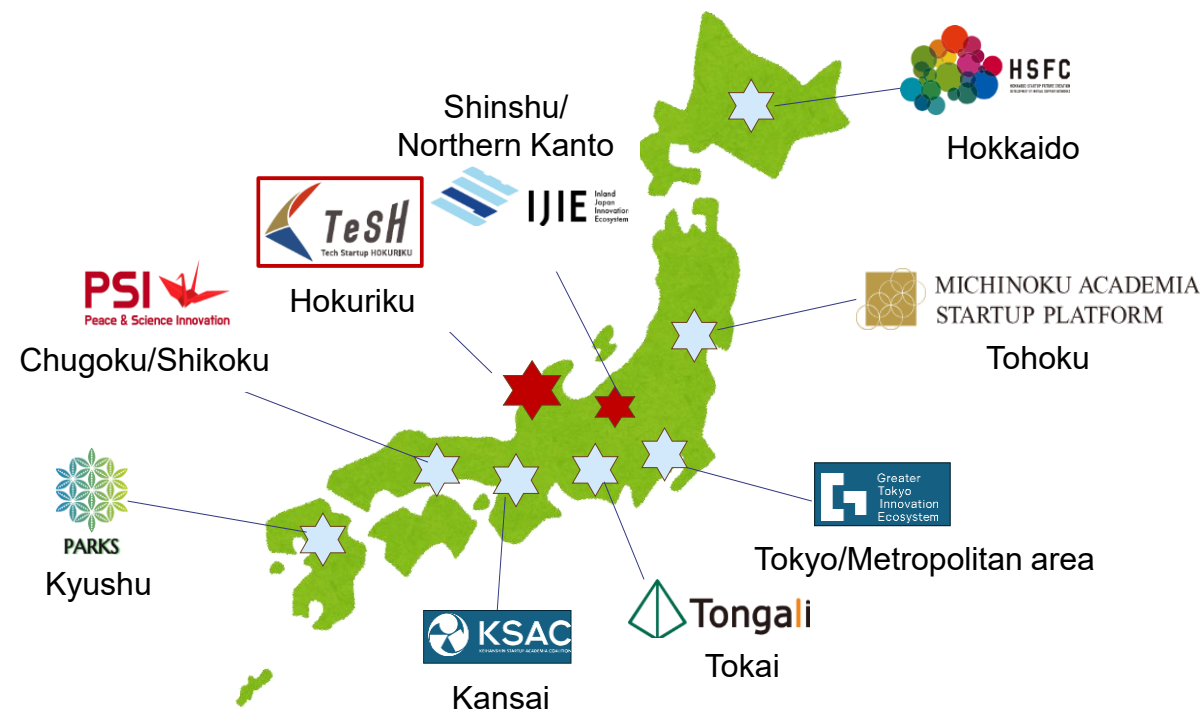
Universities and technical colleges in the Hokuriku unite to propose

 **Tech Startup HOKURIKU(TeSH)**

**Selection
Reasons**

- Collaboration in Hokuriku
- Application addresses startup creation challenges

- ★ Base-city Platform Co-creation Support
- ★ Regional Platform Co-Creation Support



**9 Platforms adopted by the Startup Ecosystem
Co-Creation Program (From Feb. 1, 2023)**

Through the strong collaboration of the Hokuriku region, we are working to discover untapped local research seeds and drive their commercialization — together with local governments, regional banks, and core regional companies.

Team TeSH **114** Organizations (as of September 8, 2025)

**13 Universities,
3 Tech Colleges**

Primary Institutions

JAIST, Kanazawa University

**Joint Institutions
for Creating Startups**

Univ. of Toyama, Univ. of Fukui, **Toyama Prefectural Univ.**, Komatsu Univ.,
Ishikawa Prefectural Univ., Kanazawa College of Art, Fukui Prefectural Univ.,
Kanazawa Institute of Tech, Kanazawa Medical Univ., Hokuriku Univ., Fukui Univ. of Tech,
Toyama College, Ishikawa College, Fukui College

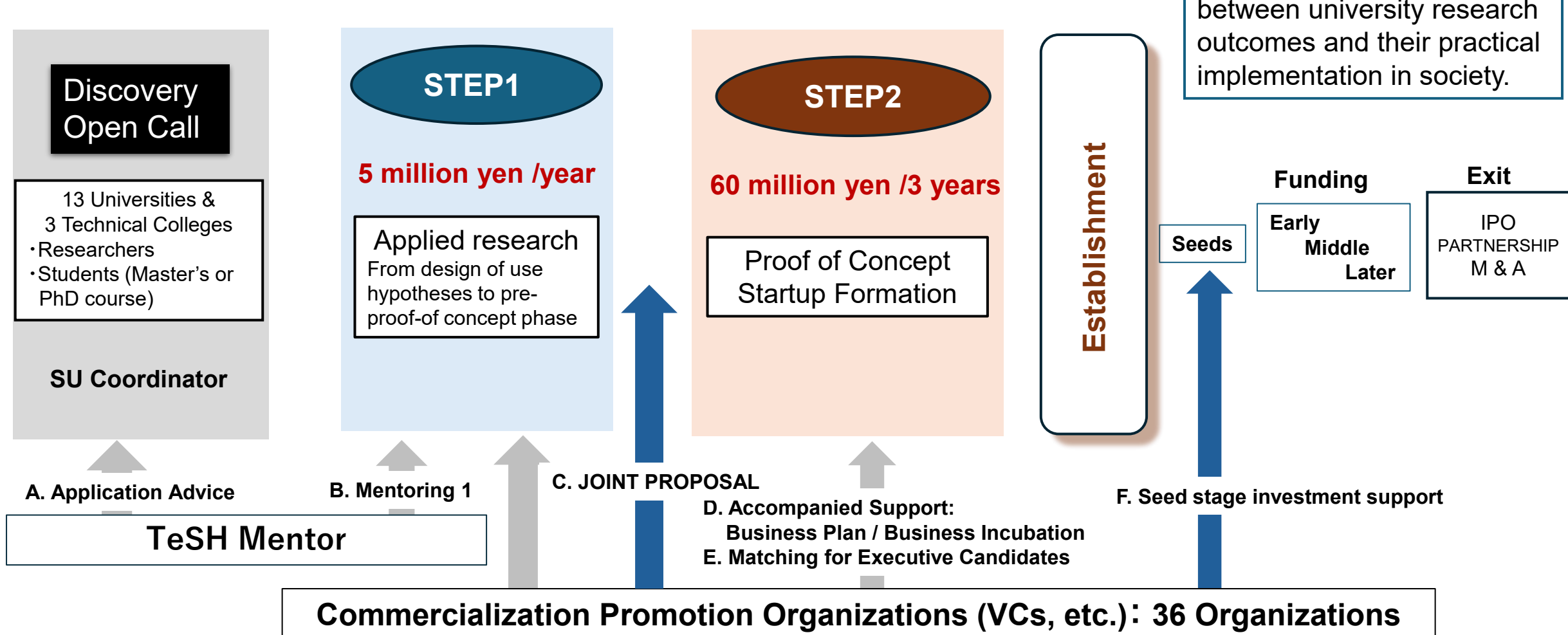
61 Cooperative Organizations

Prefecture, Municipality, etc. 8 Organizations	Toyama Prefectural Govt. , Ishikawa Prefectural Govt., Fukui Prefectural Govt., Toyama New Industry Organization , ISICO, Fukui Industrial Support Center, Kaga City, Sabae City
5 Economic Organizations	Hokuriku Economic Federation, SME SUPPORT JAPAN, Chubu Bureau of Economy, Trade and Industry, Chubu Bureau of Economy, Trade and Industry-Electricity and Gas Business Hokuriku Branch , Hokuriku Industrial Advancement Center
Finance, 9 Organizations	HOKURIKU BANK, BANK of Toyama , First Bank of Toyama , DBJ Hokuriku Branch, Fukui Bank, Sumitomo Mitsui Trust Bank, Sumitomo Mitsui Banking Corporation, SMBC Venture Capital, JAPAN POST BANK
33 Private Companies	KDDI, Asian Bridge, HOKURYO DENKO, BEING HOLDINGS, I-O DATA, ACTREE, HOKUDEN Business Investment , MEDIPAL HOLDINGS, KIWOKAWA Plating Industry, TATEYAMA KAGAKU , NICCA CHEMICAL, Sugino Machine , KEC , SHIBUYA CORPORATION, Relic, NAKATEC, INTEC , TAKAMAZ Machinery, NTT DATA HOKURIKU, Komatsu NTC , Kitamura Machinery , SEIREN, Komatsu Industries, The Imamura Securities, Takagi Seiko , Fukui Byora, SHINDO, FUKUI MEGANE INDUSTRY, Sabae Murata Manufacturing, PFU, KAGA ELECTRONICS, FUKUUI CHEMICAL INDUSTRY, Sankyo Tateyama, Inc.
Others, 5 Organizations	JETRO Kanazawa, JETRO Toyama , JETRO Fukui, Mitsubishi Research Institute, NICT, K-NIC

37 Commercialization Promotion Organizations

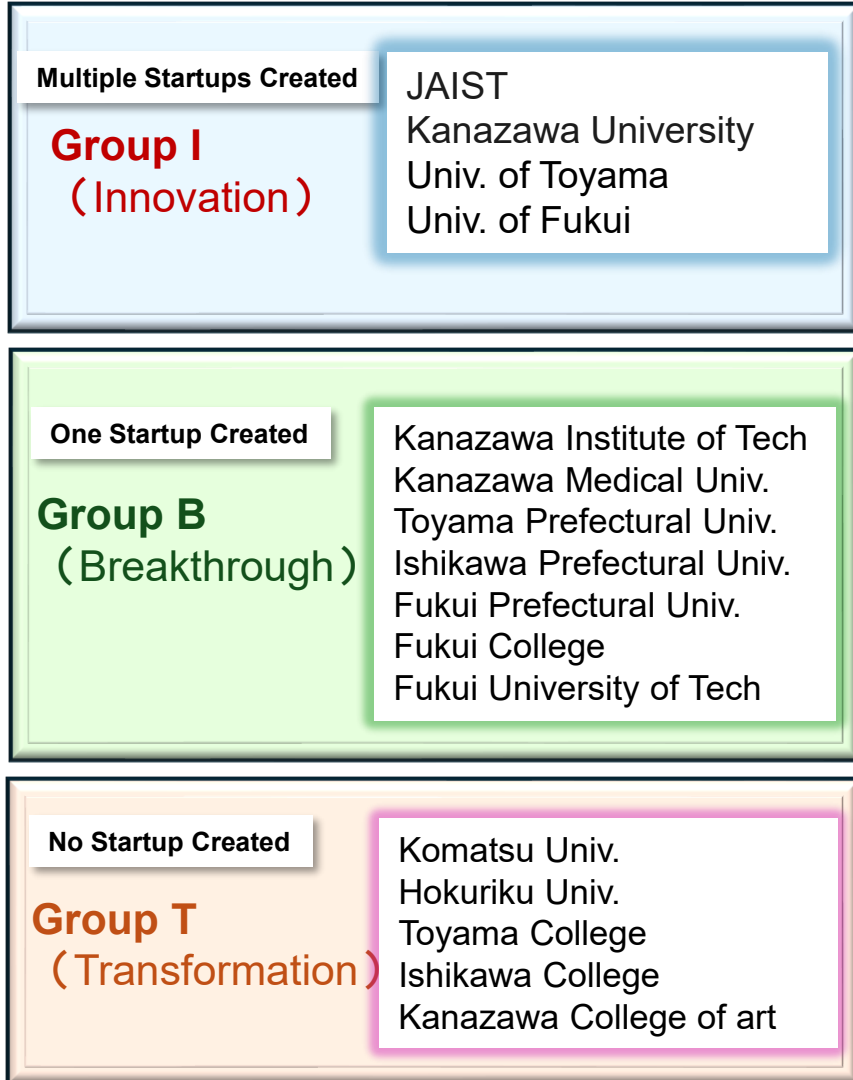
1 VC, Kanazawa University	Vision Incubate
6 VCs, CVCs, in Hokuriku	Hokuhoku Financial Group , Fukui C&C, QR INVESTMENT, Carbon Ventures, HED, NIHONKAI Lab.
28 VCs, Outside of Hokuriku	KSP, U TOKYO IPC, INCUBATE FUND, Beyond Next Ventures, JAFECO, ANRI, SAMURAI INCUBATE, Fast Track Initiative, QB Capital, Bio-Sight Capital, DEFTA Capital, MIRAISOZO INVESTMENT, Mitsubishi UFJ Capital, HACK VENTURES, AN Ventures, UntroD Capital Japan, SBI Investment, Quantum Leaps Ventures, PARTNERS FUND, Genesis Ventures, Regional, Talent and Future, D4V, Keio Innovation Initiative, DCI Partners, Taiho Innovations, KOBE UNIVERSITY CAPITAL, Saisei Ventures, Advanced Technology Acceleration Corporation (ATAC)
2 Private Accelerators	RICH, Sojitz Institute of Innovative Technologies

GAP Fund (Funding) and Accompanied Support

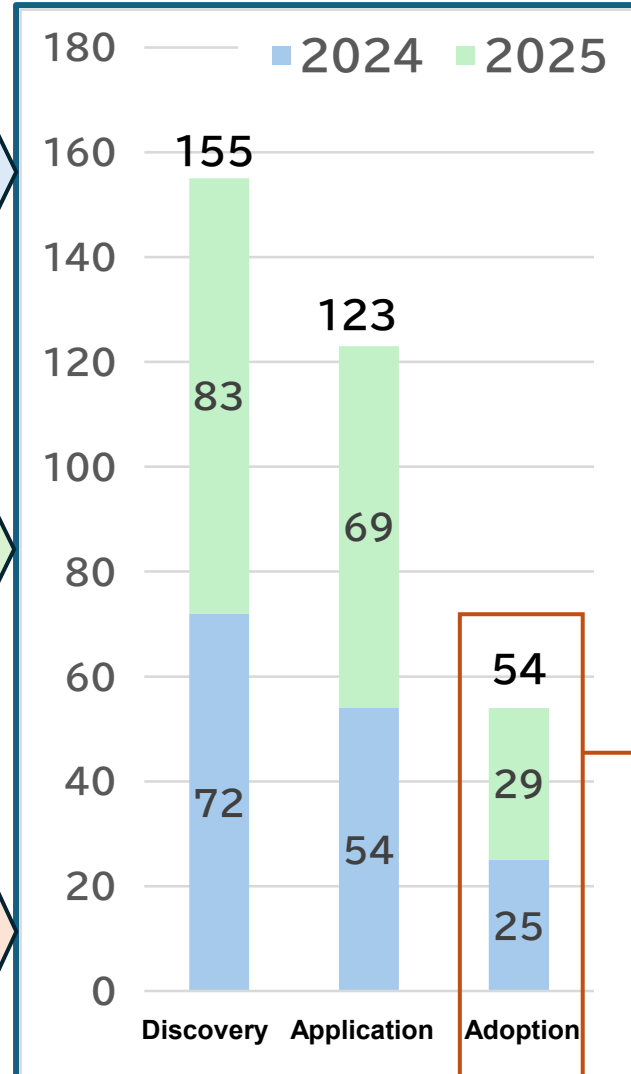


155 seeds were discovered and 54 were selected for the GAP Fund program.

Classification by Startup Creation Performance



Achievements in 2024, 2025

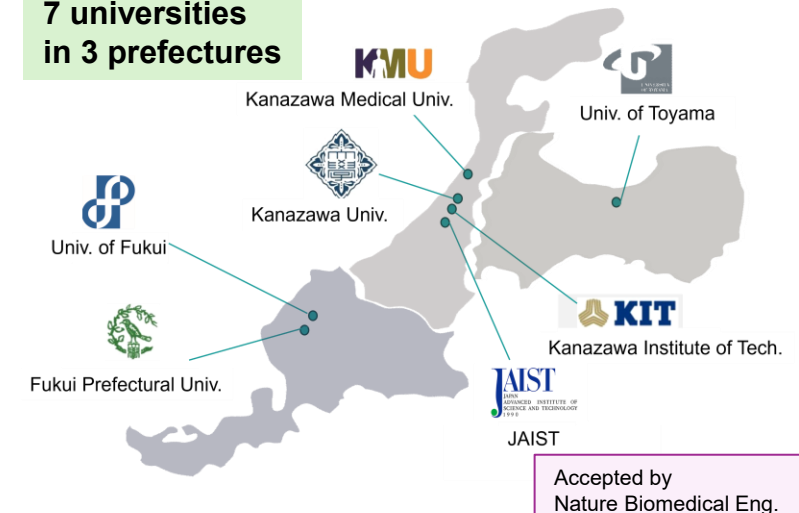


STEP1:45 (5 million yen /year)

	FY2024	FY2025
Group I	12	15
Group B	9	6
Group T	0	3

STEP2:9 (60 million yen /3 years)

7 universities
in 3 prefectures



FY2025 STEP2 Adopted Themes

Our research project aims to promote the commercialization of novel therapeutic antibodies that are developed based on the exacerbation molecular mechanisms of "cystic lymphangioma," an intractable childhood disease without effective treatments, and in order to treat and improve quality of life as many patients as possible.

FY2025 STEP2

Establish of the startup for drug discovery that promotes to develop therapeutic antibodies for the cystic lymphangioma, a chronic childhood disease



Commercialization
Promotion Organization

Mitsubishi UFJ Capital Co., Ltd.

Principal Investigator

University of Toyama
Associate Professor YAMAMOTO, Seiji

Problem

Chronic childhood disease
Cystic lymphangioma (lymphatic malformation)



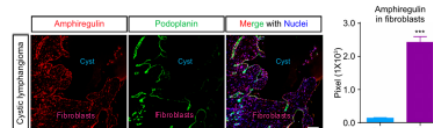
- Giant cervicofacial lesions are characteristic in this disease
- Lesions present at birth
- Giant lesions around the neck cause life-threatening conditions
- There is appearance and physical activity problems
- Estimated 10,000 patients in Japan (about 1,000 severe patients)

Molecular mechanisms are "unknown", and existing treatment effects are "limited".

Technology

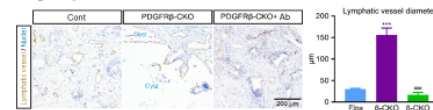
Elucidating the Causative Agent of Cystic Lymphangioma

○ AREG in fibroblasts



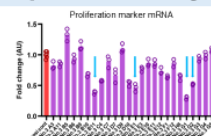
Amphiregulin (AREG) was identified as the cause of cystic lymphangioma!

○ Lymphatic vessel diameter of anti-AREG Ab treated mice



Remarkable efficacy of anti-AREG Ab treatment in mouse models!

Development of fully human antibodies began



Remarkable inhibitory activity in vitro

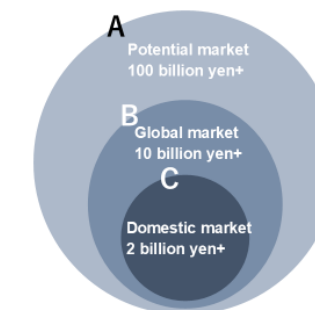
Market

A. Anti-AREG Ab Potential Market×10

B. Cystic lymphangioma(U.S. & Europe)×5

C. Cystic Lymphangioma as "Gate Indication" (Japan)

- Target patients: Estimated 1,000
- Daily drug price: Estimated about 5,000 yen
- Annual drug price per patient: 1,800,000 yen
- Sales: **About 2 billion yen**

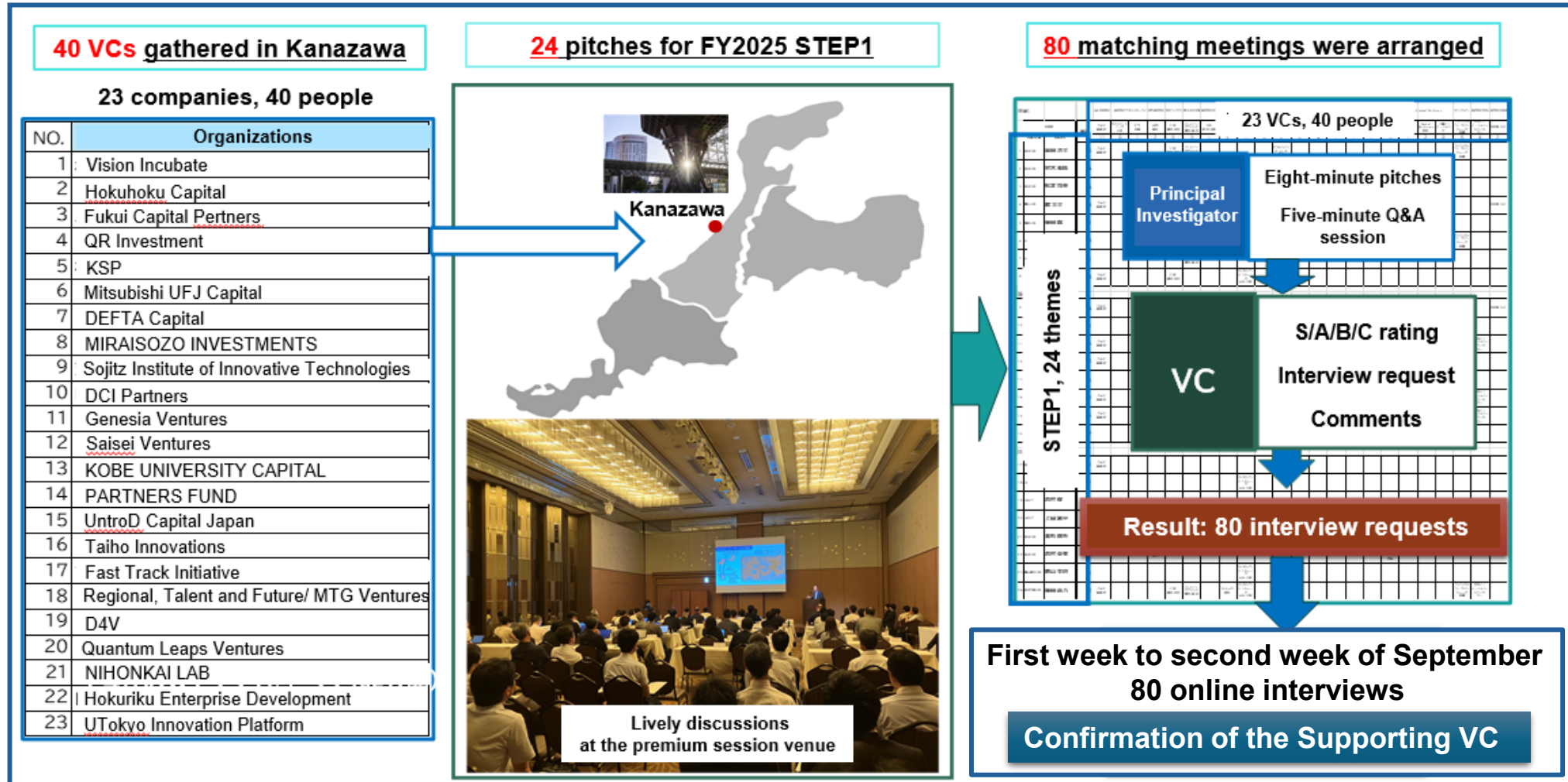


Expected establishment date: FY 2029

Target market: Global

40 VCs gathered in Kanazawa –Second VC Matching Project– (August 1, 2025)

Tongali
Model



Joint Applications for FY2026 STEP2

WG4: Building and Sustaining Communities across each platform

5. Collaboration and Engagement Outside of the Region: Actively engage with startup communities in other regions and countries through events and collaborative projects. These efforts help open the local community to external perspectives and foster an international outlook.

6. Diversity-Oriented Recruitment and Partnerships: Actively promote the recruitment of individuals from diverse cultural and professional backgrounds, as well as international partnerships in startups and related projects. These efforts help foster a community culture that values and respects diversity.

7. Strengthening, Activating, and Leveraging Alumni Networks: Enhance alumni engagement through networking events, fundraising activities, and administrative support. These initiatives help revitalize the regional community and improve access to experienced entrepreneurial talent.



1. Interdisciplinary Fes. in Hokuriku

<Overview>

We hold industry-academia-government-finance collaboration events in rotation across the region: Fukui Fes. 2025, Toyama Fes. 2025, Ishikawa Fes. 2026.

- Development of an **alumni network** and revitalization of the **regional community**

<Key Initiatives>

- Seminars, talk sessions, and seed pitches
- **Strengthened collaboration with JETRO** and talent exchange with **regional core companies**

① **August 25, 2025** Fukui Interdisciplinary Fes.

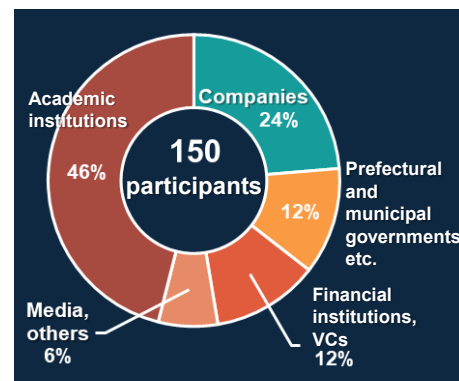


Organizer: TeSH, 3 Univ. and 1 College in Fukui
Collaboration: Prefecture + TeSH + Industry + JETRO, etc.

Venue: Hotel Fujita Fukui

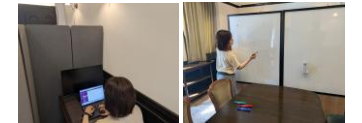
Contents: Alumni IPO Startups + Industry-Government-Finance Presentations + Seed Selections

② **September 26, 2025**, Toyama Interdisciplinary Fes.



2. TeSH Community Facility Management

- In April 2024, the TeSH Hokuriku Hub opened near Kanazawa Station.
- The facility primarily hosts seminars and roundtable discussions (held every two months), with over 300 participants annually.
- Starting in April 2025, improvements were made to encourage more use of the facility, including the launch of an online reservation system and the installation of private meeting booths and whiteboards.



3. Community Events in Collaboration with Nationwide Platforms

- 1st Event
March 24, 2025, held at TIB (Tokyo Innovation Base)
Over 180 participants attended the large-scale event.
- 2nd Event
September 22, 2025, held at TIB
Representatives from Tongali, IJIE, and TeSH held a panel discussion.



TOYAMA Interdisciplinary Fes.

Startup Ecosystem Co-Creation Program
From Toyama Academia to the World



Friday, September 26, 2025, 13:00 - 17:00 (Networking 17:00 -18:00)
Venue: ANA Crowne Plaza Toyama
Organizer: Tech Startup HOKURIKU (TeSH)

Registration Form



JST New Industry Creation Fund for University Startups
Startup Ecosystem Co-creation program



Friday, September 26, 2025, 13:00 - 17:00 (Networking 17:00 -18:00)
Venue: ANA Crowne Plaza Toyama

1. Opening Remarks President SAITO Shigeru, University of Toyama President OGASAWARA Tsukasa, Toyama Prefectural University President KUNIEDA Yoshiaki, Toyama College.	13:00-13:15
2. Purpose Statement "TeSH Activities and National Network Building Support Project" UCHIDA Fumihiko, TeSH program head of directors, JAIST	13:15-13:25
3. Special Lecture President MIZUGUCHI Katsuhito, TATEYAMA KAGAKU	13:25-13:55
10-minute break	
4. Introduction of TeSH Cooperative Organizations and their Initiatives (1) Participating Organizations' Self-Introductions (2) Startup Support Division, Regional Industry Promotion Office, Toyama Prefecture (3) JETRO Toyama (4) Hokuhoku Capital	14:05-14:45
5. TeSH Activities (1) Startup support initiatives at two universities and one technical college Program Co-Directors (5 minutes each) (2) Selected themes for the TeSH Gap Fund Prof. Yamamoto, Associate Prof. Uta (University of Toyama), Lecturer Kamakura, Prof. Touyama (Toyama Prefectural University)	14:45-15:00 15:00-15:40
10-minute break	
6. Seeds Pitches (three-minute) 3 institutions × 5 themes	15:50-16:50
7. Closing remarks Nakamura, TeSH Program Co-Director, Trustee, Kanazawa University	16:50-16:55

【Networking】 Business cards exchange, Awards for outstanding seeds pitches	17:00-18:00
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Seed Pitch Presenters (in Order of Presentation)

15:50 - 16:50

No	Affiliation	Faculty	Department	Name
1	Univ. of Toyama	Engineering	Intellectual Information Engineering	OSHIMA Yusuke
2	Univ. of Toyama	Academic Research	Pharmaceutical Sciences	OHISHI Yuki
3	Univ. of Toyama	Academic Research	Pharmaceutical Sciences	TSUNEKI Hiroshi
4	Univ. of Toyama	Academic Research	Medical Sciences	NAKAOKA Hideyuki
5	Univ. of Toyama	Academic Research	Engineering	MORIMOTO Masahiro
6	Toyama Prefectural Univ	Engineering	Environmental and Civil Engineering	ITO Hajime
7	Toyama Prefectural Univ	Engineering	Pharmaceutical Engineering	NAGAI Yoshinori
8	Toyama Prefectural Univ	Engineering	Pharmaceutical Engineering	FURUSAWA Yukihiro
9	Toyama Prefectural Univ	Information Engineering	Information Systems Engineering	OYAMA Eimei
10	Toyama Prefectural Univ	Information Engineering	Information Systems Engineering	KAWASAKI Takafumi
11	Toyama College		General Education	OHASHI Chisato
12	Toyama College		Mechanical Engineering	ZHAO WEI
13	Toyama College		Electrical and Control Systems Engineering	OTA Mamoru
14	Toyama College		Electrical and Control Systems Engineering	SATO Daichi
15	Toyama College		Applied Chemistry and Chemical Engineering	SAKONO Naomi

Networking

17:00-18:00

Awards for five outstanding seed pitches

Evaluation Criteria

- Appeal of the Seed
- Presenter's Motivation
- Clarity of the Presentation

Prize:

- TeSH Logo Tote Bag

August 25 @ Fukui

Focus on Industry-Government-Academia-Finance Collaboration in Fukui



FUKUI Interdisciplinary Fes. 2025
~From Hokuriku to the World~
Create Startups that Collaborate with Industry, Government, Academia and Finance

Monday, August 25, 2025
13:00 - 17:00
(Networking 17:00 - 18:00)
Venue: Hotel Fujita Fukui

Organizer: Tech Startup HOKURIKU(TeSH)
JST New Industry Creation Fund for University Startups
Startup Ecosystem Co-creation program

Participating Organizations: University of Fukui, Fukui Prefectural University, Fukui University of Technology, National Institute of Technology, Fukui College

Registration Form 



154 participants

September 22 @ Tokyo



Toward Global Startup Creation from the Hokuriku Region
Selected as a NEXT Global City

2025 9.22 Mon 13:30 - 18:00
Venue: Tokyo Innovation Base 2F
3-8-3 Marunouchi, Chiyodaku, Tokyo

Program (tentative)

13:30 Keynote Speech	The Significance and Role of NEXT Global City
14:10 Panel Discussion 1	Toward the Launch of HOSTEC
14:10 Panel Discussion 2	Strategies and Support Systems for Challenging the Global Market
14:10 Panel Discussion 3	The Potential for Tech Innovation from Hokuriku
14:10 Panel Discussion 4	Toward Strengthening Collaboration Between Base City PF and Regional PF

This is a co-creation event where Hokuriku academia, together with Toyama, Ishikawa, and Fukui prefectures, aims to build a support network for the creation of global startups by leveraging the strengths of the Hokuriku region.

Registration Form 

For inquiries, please contact us here.

Speakers/ Panel Discussion 1: Toward the Launch of HOSTEC

Panelist Mr. Takada Manager, Mitsubishi LAB Co., Ltd.	Panelist Mr. Takada CEO, Hokuriku Enterprise Development K.K.	Panelist Ms. Okada Chief Advisor, Fukui Industrial Support Center	Panelist Mr. Wani Innovation Promotion Section, Science, Technology and Innovation - Cabinet Office	Moderator Mr. Sasaki Associate Professor, Frontier Science and Social Co-creation Initiative, Kanazawa University
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Contents
Key figures from industrial support organizations and local governments across the Hokuriku region will share their perspectives on fostering startups that reflect the region's unique characteristics and the future prospects of HOSTEC.

September 26 @ Toyama

Focus on Industry-Government-Academia-Finance Collaboration in Toyama



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Startup Ecosystem Co-Creation Program
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Registration Form  JST New Industry Creation Fund for University Startups
Startup Ecosystem Co-creation program

Approximately 50 representatives from regional core companies have registered.



Full Participation Award
Prizes: TeSH Polo Shirt & TeSH Tote Bag



November 14 @ Kanazawa

TeSH Official Demo Day

Present all research themes for Step 1 and Step 2



New Industry Creation Fund for University Startups/ Startup Ecosystem Co-creation program/
Base-city Platform Co-creation Support

Tech Startup HOKURIKU DEMO DAY
Friday, November 14, 2025
10:00 - 17:00
Venue: ANA Crowne Plaza Kanazawa 3F

10:00-12:00	ZUIJUN (Room A + B)	
12:00-13:00	Opening Session	
13:00-16:00	A: Life Sciences	B: Technology, Environment, Others

Poster Session: 10:00 - 17:00

Special Lecture: Mr. TAJIMA Soichi, Chairman of the Japanese Venture Capital Association (JVCA) CEO, Genesis Ventures

Organizer: Tech Startup HOKURIKU

CONTACT: tesh-j@ml.jaist.ac.jp
Startup Promotion Office, JAIST
Japan Advanced Institute of Science and Technology
1-1 Asahidai, Nomi, Ishikawa 923-1292 Japan

Registration Form 

Crab season opens on November 6th



September 26, 2025
UCHIDA Fumihiko
Program Head of Directors, Tech Startup HOKURIKU/
Director, Startup Promotion Office, JAIST

