



THE ENGINEERING ACADEMY OF JAPAN

EAJ

July, 2026

About EAJ



Voluntarily, Independently, and Internationally

- Established in 1987, Incorporated in 1998
- Elected as a CAETS member in 1990
- Changed to a Public Interest Incorporated Association in 2013
- The Engineering Academy of Japan (EAJ) is composed of leading experts from academia, industry, and government institutions who possess a wide range of knowledge and have made outstanding contributions in engineering and technological sciences, and closely related fields.

Basic Policy of EAJ



Engineer the Future Society for Human Security and Well-being

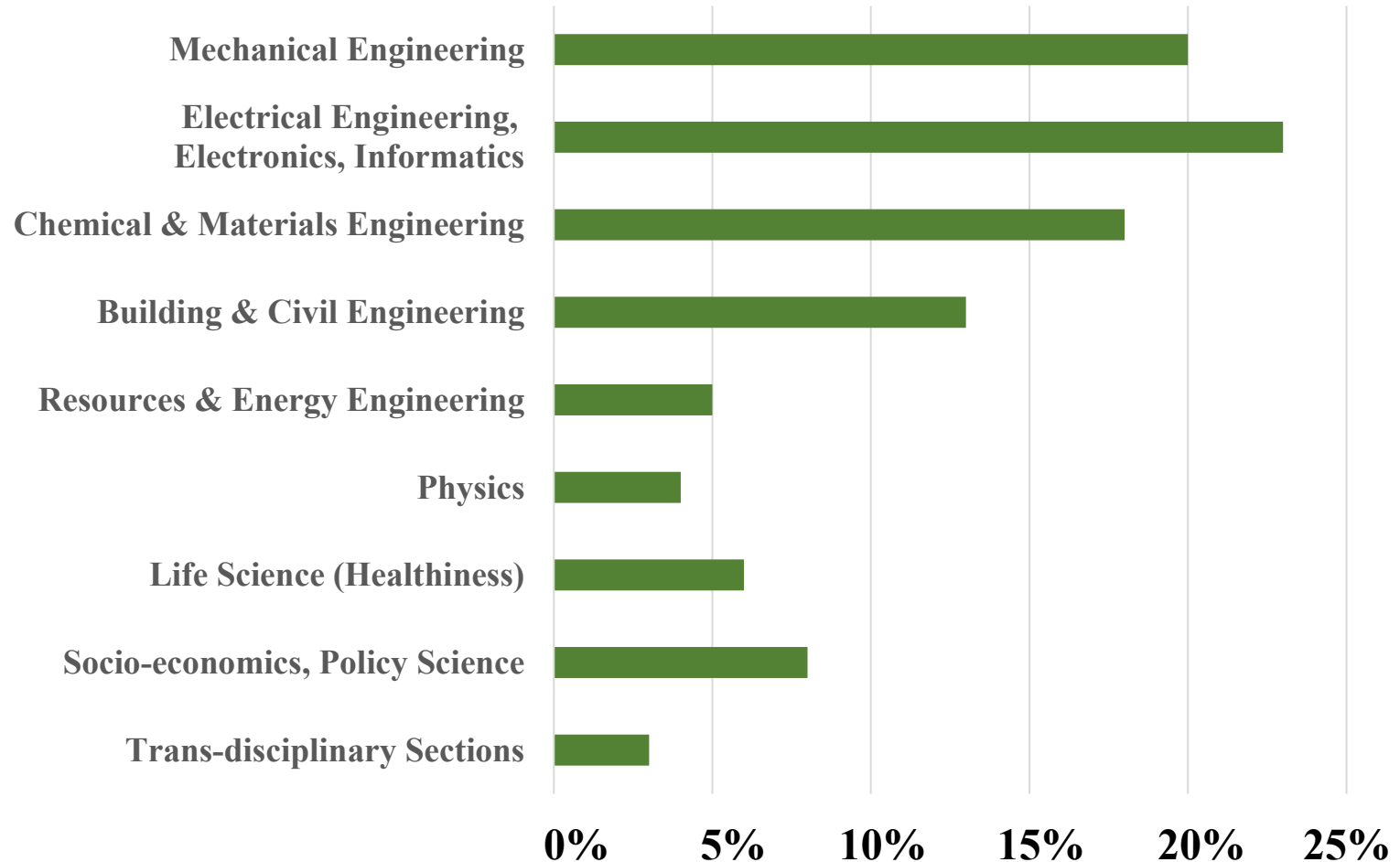
- **Make Policy Recommendations**
- **Exchange Ideas Internationally**
- **Foster Next Generation Leaders**
- **Cultivate Engineering Literacy of People**
- **Get Together and Co-Create**

Members



- **Japanese Members:778**
- **Foreign Associates:71**
 - Other Academy Members:54**
 - Non-Japanese Residents:17**
- **Corporate Members:36**

Specialties

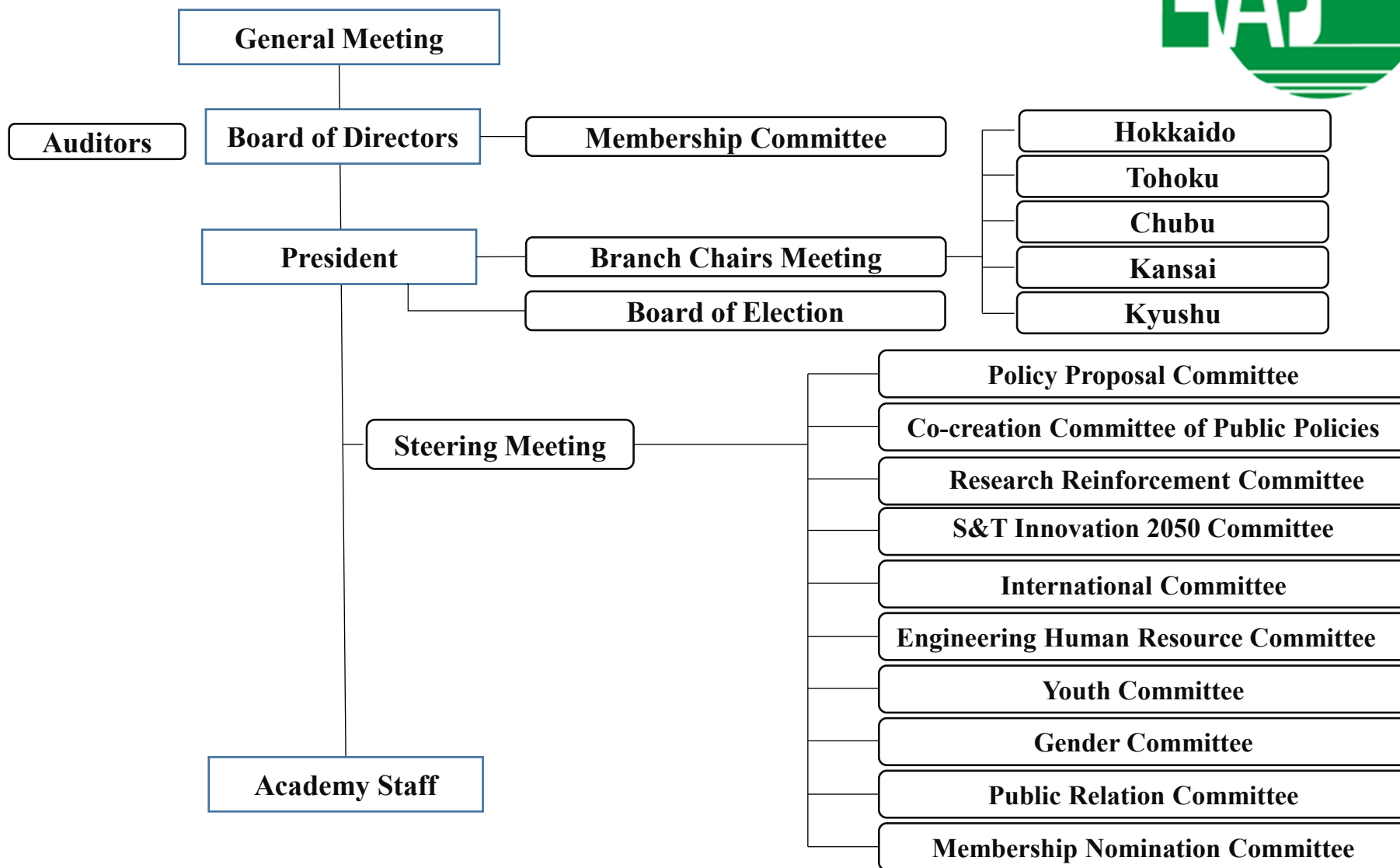


Board of Directors



President	Anzai, Yuichiro				
Deputy President	Igarashi, Jinichi				
Vice President	Oshima, Marie	Suzuki, Norihiro			
Senior Executive Director	Hayashi, Hideki				
Executive Director	Orito, Fumio				
Director	Asama, Hajime	Adachi, Chihaya	Amano, Hiroshi	Ito, Miho	Iwai, Yoshiro
	Kanaya, Ichiro	Sasaki, Naoya	Shiomitsu, Noriko	Sugiyama, Masakazu	Sonoda, Yoshimi
	Taguchi, Yasushi	Tachikawa, Yasuto	Tanaka, Toshihiro	Tanaka, Mami	Tani, Akito
	Habasaki, Hiroki	Hamasaki, Yuji	Hayashi, Yuko	Hisaeda, Yoshio	Matsuda, Mizushi
	Michioku, Kohji	Yugami, Hiroo	Watanabe, Masayoshi		
Auditor	Kamei, Shin-ichi	Fukuda, Hiroaki	Yasunaga, Yuko		
Supreme Advisor	Yoshikawa, Hiroyuki	Komiyama, Hiroshi	Abé, Hiroyuki		
President Emeritus	Kobayashi, Yoshimitsu				
Adviser	Aoyama, Hiroyuki	Ikeda, Syunsuke	Kajiyama, Tisato	Kamiyama, Shinichi	Kamon, Masashi
	Kawai, Maki	Kishimoto, Kikuo	Kyuma, Kazuo	Kunitake, Toyoki	Koizumi, Hideaki
	Shiroishi, Yoshihiro	Taniguchi, Isao	Taneichi, Takeshi	Nakanishi, M, Tomoko	Nakamura, Michiharu
	Nagano, Hiroshi	Harayama, Yuko	Hishida, Koichi	Matsuo, Tomonori	Matsumoto, Yoichiro
	Misono, Makoto	Miyagi, Mitsunobu			
Distinguished Fellow	Harayama, Yuko				

Organization



Activities



**Engineering
Experts
Policy Proposal**

**Global
Development
Inter-academy
Collaboration**

***Engineer the Future
for human security and well-being***

**Next generation
Human Resource
Development**

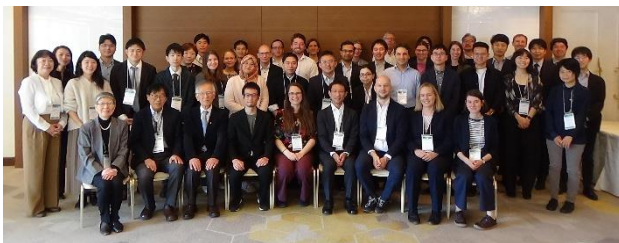
**Local
Development
Regional Activity**

“Engineer the Future”



1st Japan-Germany Frontiers of Engineering (JAGFOE) Symposium "Advanced Materials and Systems for Sustainable Society"

JAGFOE symposium provided a platform for young researchers from Japan and Germany to learn from one another across a wide range of themes, from advanced materials to sustainable engineering systems. By bringing together diverse stakeholders from academia, industry, and government, the symposium fostered research exchange and networking that will serve as a foundation for future international research partnerships.



Date	Main Events in Recent Years
2024.11.12~24	The 4th ERLEP (Emerging Research Leaders Exchange Program) Trans-disciplinary Forum 2024 : Australia
2024.11.24	27th Symposium of East-Asia Round Table Meeting (EA-RTM) in China "Artificial Intelligence Governance"
2025.03.07	Gender Symposium - Why do female students in science and engineering choose not to pursue graduate studies?-
2025.06.01~04	17th Japan-America Frontiers of Engineering (JAFOE) Symposium in San Diego
2025.06.05	8th EAJ Forum "The Research and Development Capabilities of American Universities"
2025.09.08~11	International Council of Academies of Engineering and Technological Sciences (CAETS) : Australia
2025.10.06	The 14th Academy of Engineering Presidents' Meeting (AEPM) at STS Forum 2025 -Policy Dialogue-
2025.11.25~28	1st Japan-Germany Frontiers of Engineering (JAGFOE) Symposium "Advanced Materials and Systems for Sustainable Society"
2025.12.05	The 28th Symposium of East-Asia Round Table Meeting(EA-RTM) in Okayama "In Pursuit of Well-Being in an Aging Society"
2026.03.19	Gender Symposium "Hometown as a Starting Point: Diverse Pathways for Women in Science and Engineering"
2026.06.04	9th EAJ Forum "The 7th Science, Technology and Innovation Basic Plan"

Policy Proposal



As a unique non-governmental engineering academy, EAJ can propose authentic third opinions for all parties concerned.

Dialogue between Policy Makers and Scientists

Since 2020, EAJ organizes dialogue sessions with policy makers, focusing on its policy recommendations and recent project activities.



Research on the Current Status and Future of Women Engineers

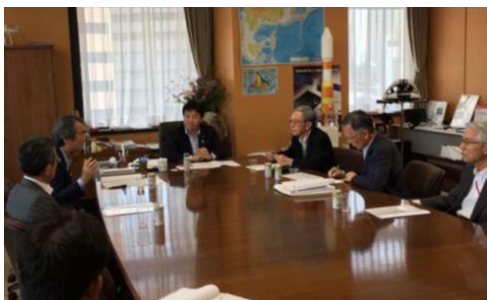
Japan faces an urgent need to promote women's participation in engineering and ICT fields amid demographic challenges and rapid digitalization. Building on its urgent policy recommendations, EAJ is now advancing further research through survey collaboration with CAETS member academies. A new policy proposal will be published this summer.

Date	Title
2022.02.08	Trends in the Scientific and Technological Development of Human-Machine Symbiosis for a Post-COVID-19 Society Progress Report
2022.04.11	STI Roadmap to Achieve the Sustainable Development Goals - The Road to 2050
2022.08.25	Promoting STI (Science, Technology and Innovation) for SDGs in Africa - 11 Policy Recommendations from the Engineering Academy of Japan -
2022.11.17	Research on Construction of Inclusive STEM Research Environment
2022.11.20	Research on the Sustainable Development of Biomass Plants toward the Construction of the Carbon-Neutral Society in 2050
2024.03.27	Materials Science: The State of the Art and Future Options
2025.02.13	Research on Social Implementation and Risk Management of Advanced AI - Strategy for Utilizing AI in 5G/6G-Communication Era
2025.02.15	Emergency Recommendation 2025 - Measures to Expand Women's Participation in Informatics and Engineering
2025.08.21	EAJ Report "Research Project on Engineering Ethics and Engineering Education for Future to Come"

Major Destination of Policy Proposals



- Policy Proposals are addressed to a variety of relevant organizations in the government, academia and industry.
- We attach great importance to the discussions with the ministers in charge of science, technology and innovation, for implementation of policy proposals.



Minister TSURUHO
in the Cabinet Office (center)
President ABE (right)
(June 2017)



Minister SHIBAYAMA
of MEXT (center)
President ABE (left)
(May 2019)



Minister INOUE
in the Cabinet Office (right)
President KOBAYASHI
(left)
(May 2021)



Minister HAGIUDA of
MEXT (center)
President
KOBAYASHI (left)
(May 2021)

Inter-academy Collaboration



Inter-academy Meetings

CAETS

Japan joined the international council of academies of engineering and technological sciences (CAETS) in 1990 as its 10th member academy, representing the nation. We are currently strengthening our international collaboration activities.

2026.09 Munich “From a Distance – Earth Observation for Monitoring, Comprehension, and Change”

EA-RTM



(East Asia Round Table Meeting of Academies of Engineering)

27th 2024.11 China “Artificial Intelligence Governance: Ensuring Safe, Reliable, Controllable, and Fair Development of AI Technologies

28th 2025.11-12 Okayama “In Pursuit of Well-Being in an Aging Society.

29th 2026.7.23-24 Seoul “Physical AI and Sustainability”

AEPM (Academy of Engineering Presidents’ Meeting)

12th 2023.10 Kyoto “AI and Human Society”

13th 2024.10 Kyoto “AI and Engineering Education”

14th 2025.10 Kyoto “Policy Dialogue”

15th 2026.10 Kyoto “Strengthening the Human Agency Required in the Age of AI”

Multi-disciplinary Programs for Fostering Young Leaders



JAFOE

(Japan-America Frontiers of Engineering Symposium) by NAE-JST-EAJ

17th 2025.06, San Diego

18th 2027.06, Mishima, Japan



ERLEP

(Australia-Japan Emerging Research Leaders Exchange Program)

2009-2017 by ATSE-JSPS-EAJ

The Joint Symposium of ERLEP Trans-Disciplinary Forum by ATSE-EAJ

4th 2024.11, Melbourne



JAGFOE

(Japan-Germany Frontiers of Engineering Symposium) by EAJ-acatech

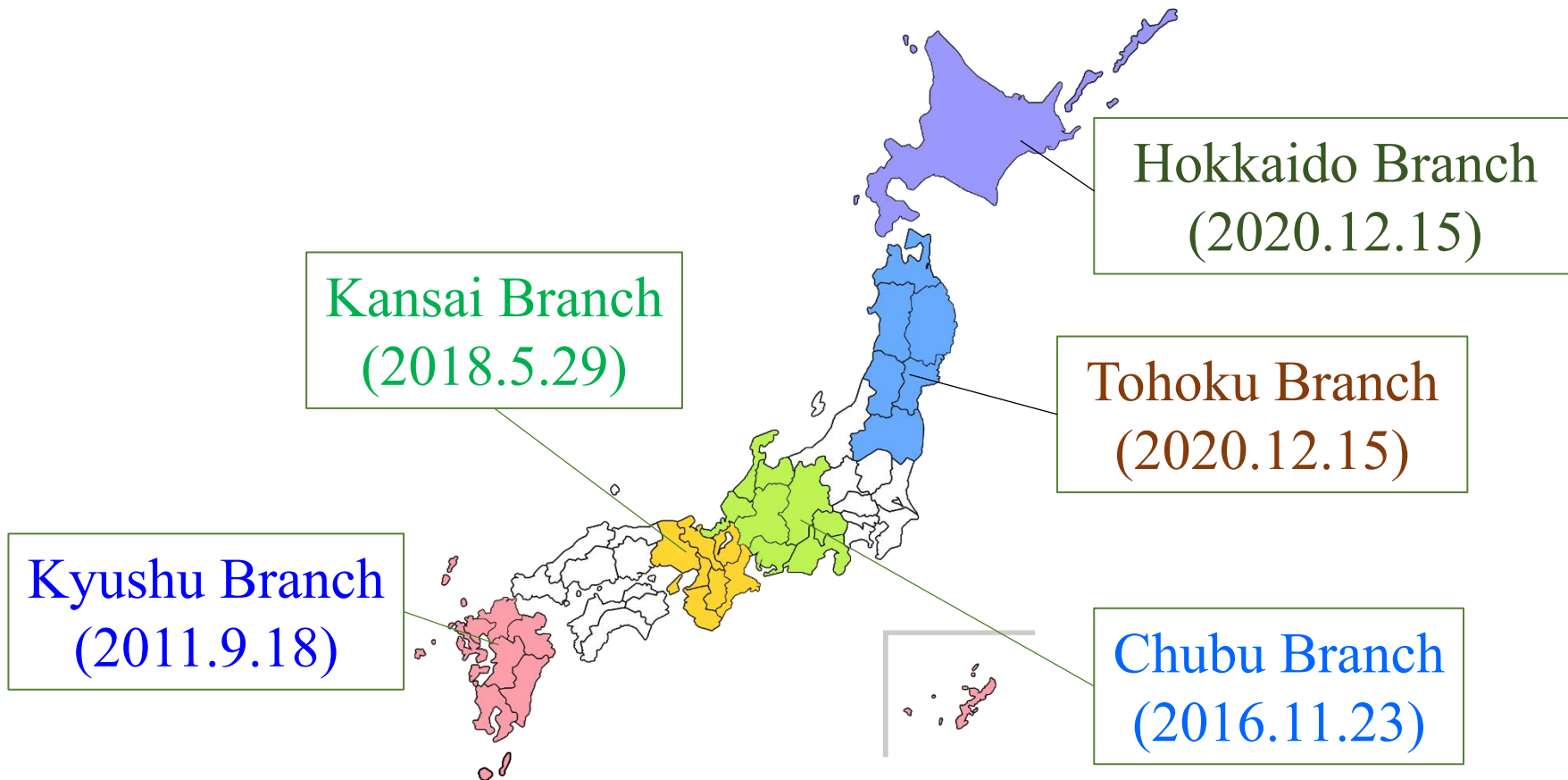
1st 2025.11, Tokyo

“Advanced Materials and Systems for Sustainable Society”

Regional Activity



- Contribute to regional development
- Local activities for EAJ members
- Nation-wide distribution of EAJ members and activities



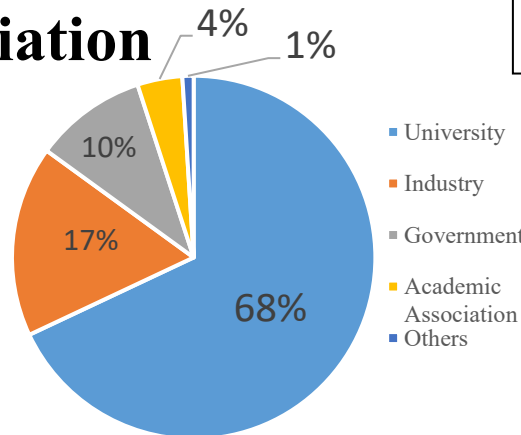
Challenges for Human Resource Development



Increase of Industry Ratio

2017:17%
2022:19%
2025:17%

Affiliation



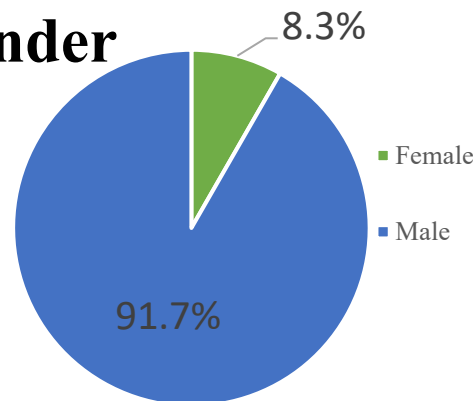
Young Membership

- More young regular members
- Encourage young generation
- Autonomous management

More Female Members

2017:4%
2022:7.5%
2025:8.3%

Gender



Foreign Nationality Member

Invite high-class engineering personnel without Japanese nationality as an EAJ member.