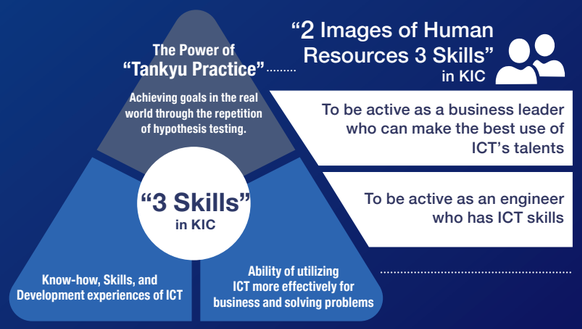
KIC's Vision for
SDGs

SDGs VISION OF KIC

1. Foster people to solve social issues by ICT and human skill
2. Creation of sustainable future society harmonizing human and technology
3. Realization of Society 5.0 of Japanese government and SDGs of the international community by all efforts

About KIC

KIC graduates are professional human resources in the field of ICT, and they are ready to support their societies.



The curriculum adopted at KIC is designed to enhance practical skills and develop problem-solving capacity.
It allows students to pick their research topics based on their hopes to contribute to society. The students' backgrounds are diverse and include humanitarian, science, and even IT engineers. All students are expected to master technology during two-year master's course. The curriculum consists of fundamental, applied, and advanced subjects. KIC graduates can contribute in various contexts such as software development, telecom networks, embedded software, system architect, and project management.

RESEARCH TOPICS OF SDGS (EXCERPT)

1 NO POVERTY
- Empowering marginalized communities through ICT platforms

2 ZERO HUNGER
- Smart agriculture solutions using IoT for food security in rural areas

3 GOOD HEALTH AND WELL-BEING
- AI-driven mental health support systems
- Mobile self-care applications for remote communities

4 QUALITY EDUCATION
- E-learning platforms for refugee children
- ICT-based teacher training tools

6 CLEAN WATER AND SANITATION
- Water consumption optimization using sensor networks

7 AFFORDABLE AND CLEAN ENERGY
- Solar-powered smart grids for rural electrification

8 DECENT WORK AND ECONOMIC GROWTH
- Web-based career consulting platforms using AI
- Local entrepreneurship support through ICT mentoring

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
- Machine learning systems for predictive maintenance
- Development of open-source platforms for civic innovation

11 SUSTAINABLE CITIES AND COMMUNITIES
- Community-based disaster risk management platforms
- Smart waste tracking applications

13 CLIMATE ACTION
- Environmental monitoring and reporting tools

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Initiatives to address

AFRICA's SOCIAL INNOVATION

DIVERSITY KIC

The social problems of the day tend to be more and more complicated. Knowledge from experience and Knowledge of basic are not enough to respond to issues today. We are living a time when from manager to new employees are required to gain advanced knowledge and sharpen own skill to march the new business opportunities. So far, many personal from various parts of the world have completed the Innovator course at Kobe Institute of Computing and found valuable opportunities with the new skills they acquired. Won't you join them and broaden your knowledge in the ICT sector and consequently gain higher value as a human resource. KIC's diverse environment is the place where you can achieve ambitions and reach targets. The language of instruction and guidance of the Innovator course at KIC is English, but you will have the opportunity to use others while chatting with our students from various countries and areas.



ACCEPTANCE FROM OVERSEAS

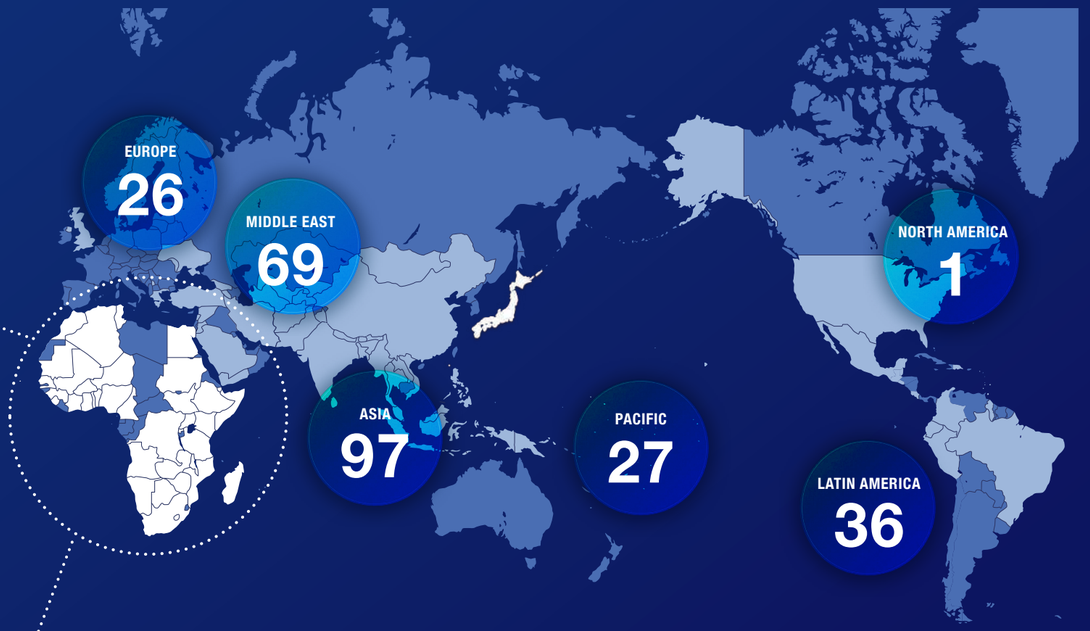
103 Countries / **551** Students

［as of July 1, 2025］

*Including short-term students.

ACCEPTANCE FROM AFRICAN COUNTRIES

38 Countries / **284** Students



ACCEPTANCE FROM AFRICAN COUNTRIES

People's Democratic Republic of Algeria	1	Republic of Zambia	3	Federal Republic of Nigeria	20	The Republic of South Sudan	4
Republic of Angola	2	Republic of Sierra Leone	1	Republic of Namibia	2	Republic of Mozambique	11
Republic of Uganda	7	Republic of Djibouti	3	Republic of Niger	1	Kingdom of Morocco	6
Arab Republic of Egypt	2	Republic of Zimbabwe	2	Burkina Faso	1	Republic of Rwanda	49
Federal Democratic Republic of Ethiopia	33	The Republic of the Sudan	4	Republic of Benin	14	Democratic Republic of the Congo	3
Republic of Ghana	5	Republic of Senegal	9	Republic of Botswana	17	Republic of Cabo Verde	2
Republic of Cameroon	2	Federal Republic of Somalia	1	Republic of Madagascar	2	Islamic Republic of Mauritania	2
Republic of Guinea	3	United Republic of Tanzania	22	Republic of Malawi	9	Kingdom of Lesotho	2
Republic of Kenya	9	Republic of Tunisia	4	Republic of Mali	4		
Republic of Cote d'Ivoire	12	Republic of Togo	3	Republic of South Africa	7		

Embodying Entrepreneurial Spirit That Bridges Africa and Japan

Mr. Gnona Dovi Ayi Serge, a graduate of KIC from Togo and Cote d'Ivoire, came to Japan under the JICA long-term training program “ABE Initiative.” Before arriving in Japan, he was already running an IT company in Côte d'Ivoire, with many government contracts to his credit. Immediately after completing his studies at KIC in September 2023, he established the non-profit organization Japan Connect in Gifu Prefecture with the goal of building a bridge between Japan and Africa. The organization promotes human, economic, and technological exchange, supporting both Japanese companies looking to expand into Africa and the development of local human resources.

The problem-solving mindset and practical ICT skills he acquired at KIC played a pivotal role in launching his new venture. His work now extends to supporting initiatives such as the Public-Private Economic Forum for Africa hosted by Japan's Ministry of Economy, Trade and Industry (METI) and JETRO. As he continues to build a network that connects Africa and Japan through business and talent, his efforts exemplify KIC’s vision: solving social challenges through the integration of ICT and human-centered innovation.

MAIN PROGRAMS FOR AFRICA	
	• JICA Knowledge creation program for Africa, “Solving development challenges utilizing ICT (Tankyu for Africa)”, 2011 • Africa Business Education (ABE) Initiative, 2014～ • JICA Knowledge creation program, “Capacity Building for ICT Project Planning”, 2015～ • JICA Partnership program, “ICT Human Resource Development Project in Kigali, Rwanda”, 2017～2019 • General Information on Solving Social Challenges by ICT Training Program for Promotion of DX and X-TECH , 2021～2023 • JICA Partnership Program, Rwanda “Kobe-Kigali ICT Business Initiative”, 2019–2024 • JICA Technical Cooperation Project, Uganda “Promotion of the ICT Industry”, 2023–2027 • JICA Technical Cooperation Project, Rwanda “High-Quality Technical Cooperation”, 2024–2028

Problem Solving through "Tankyu Practice": KIC’s Unique Educational Approach

At Kobe Institute of Computing (KIC), students develop problem-solving skills through a unique educational method called Tankyu Practice. This approach enables students to engage with real-world social and industrial issues by formulating hypotheses, testing them in the field, analyzing results, and repeating the process to refine their solutions. It is a hands-on, practical framework that fosters creativity, flexibility, and a proactive mindset.

Our curriculum integrates this method across subjects and emphasizes collaboration with companies, government agencies, and local communities. Through active learning, group work, and field-based projects, students apply ICT knowledge to current challenges both in Japan and abroad. They are encouraged to tackle pressing issues in their home countries by combining technical expertise with local context and social awareness.

KIC’s teaching is also enriched by guest lecturers from industry, NGOs, and academia who provide diverse perspectives. These engagements help students understand the practical aspects of innovation, service design, and entrepreneurship. As a result, students not only acquire advanced ICT skills but also learn to think critically and act independently to create social impact.

Through these programs, KIC offers more than technical education—we provide a platform for cross-cultural innovation and co-creation between Africa and Japan. Our graduates go on to become ICT engineers, entrepreneurs, and policy contributors who are equipped to solve social challenges and build sustainable futures in their countries.