



# Change and Development of International QA Agency

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# Looking Ahead to 2030' s International Higher Education

## The impacts on the world environment

- The impacts of Covid-19 on global education (2020/4/20)
  - 1,291,004,434 affected learners
  - 81.8% of total enrolled learners

<https://www.unesco.org/en/covid-19/education-response#schoolclosures>

- The impacts of the digital teaching era
  - Global teaching platform, Coursera

	2016	2021	Increasing Rate
Enrollments (Million)	26	189	726.9%
Registered Learners (Million)	21	92	438%

<https://about.coursera.org/press/wp-content/uploads/2021/11/2021-Coursera-Impact-Report.pdf>

# Looking Ahead to 2030' s International Higher Education

## Strengthen the application of IT technology

- Course digitization without geographical limitation
- Information Integration for resource allocation optimization

## Changes in teaching mode

- Usage of smart technology for distance teaching
- Multivariate assessment for the review of teaching effectiveness

## Expand the International Exchange

- Active talent recruitment for the promotion of international mobility
- Expansion of international view for the enhancement of competitiveness

## Cultivation of interdisciplinary talents

- Strengthen cross-domain research for the development of new dimension
- Linkage to local industries to shorten the differences between learning and applying

## SDGs in University for sustainable practices

- Courses to strengthen professional and sustainable development
- Collaboration with local resources to fill social responsibility



# Strengthen the use of IT system- construction of information platform

- Make good use of IT system to build an information platform to take the lead.
- Development of multiple evaluation methods to respond to the changes in teaching models.
- Promotion of international accreditation programs to implement the cultivation of transnational talents.
- Carry out of international cooperation research to implement international talent exchange.
- Implementation of International training programs to enhance the organizations' international competitiveness.

# Strengthen the use of IT system- construction of information platform

- Make good use of IT system to build an information platform to take the lead

台灣校務精進協作計畫  
Taiwan Institutional Research Cooperation

TIRC EVENTS PUBLICATIONS INTERNATIONAL AFFAIRS SURVEY PLATFORM

About TIRC > Origin & History

- Origin & History
- Advantage & Benefit
- Main Services
- Member Equity

As the trend of “Big Data” has attracted the attentions from both the industries and technical fields recently, Taiwan’s higher education is also motivated by “Big Data and empirical information to commence the IR for management, especially under the pressures of lacking children, intense competition and globalization. Therefore, the activities related to IR have become very popular in institutions and more and more of them are coming under the promotion by Ministry of Education. However, the access to the external information that are related to IR is not easy to find since the resources are way too broad to collect and it takes time to integrate and analyze the information. Taiwan Assessment and Evaluation Association (TWAEA) has accumulated years of related experiences in understanding the meaning of open information; therefore, many institutions have raised their needs and suggestions about the integration platform of IR to TWAEA for better future development after collecting, integrating and analyzing the information. On seeing this, TWAEA had specially released “Taiwan Institutional Research Cloud (TIR Cloud)” to collect, store and analyze the regular and irregular open information from Ministry of Education, Ministry of the Interior and other governmental organizations.

Provision of Quality Service & Integration of Information and Benefits

# Strengthen the use of IT system- construction of information platform

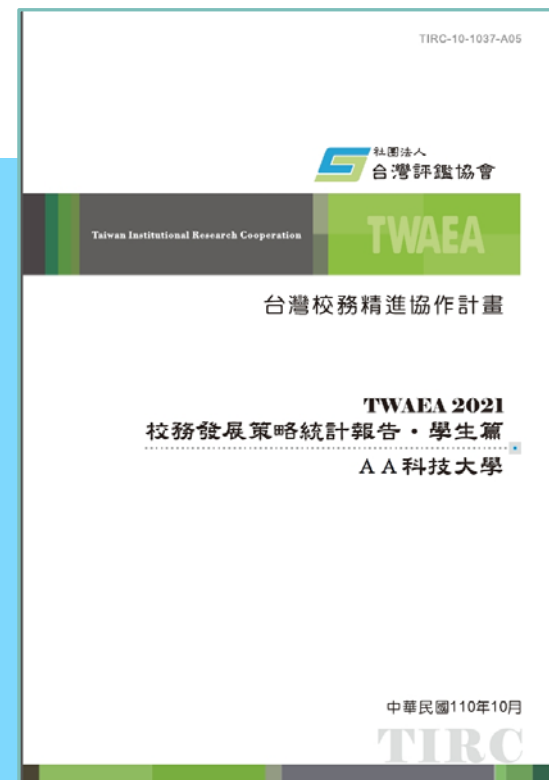
- Publication of Recruitment Strategy Handbook

From the analysis of the birth population, overseas students and other student sources, we assist the schools in planning specific and feasible recruitment strategies and policies under fierce competitions to stand firm in the blue ocean.



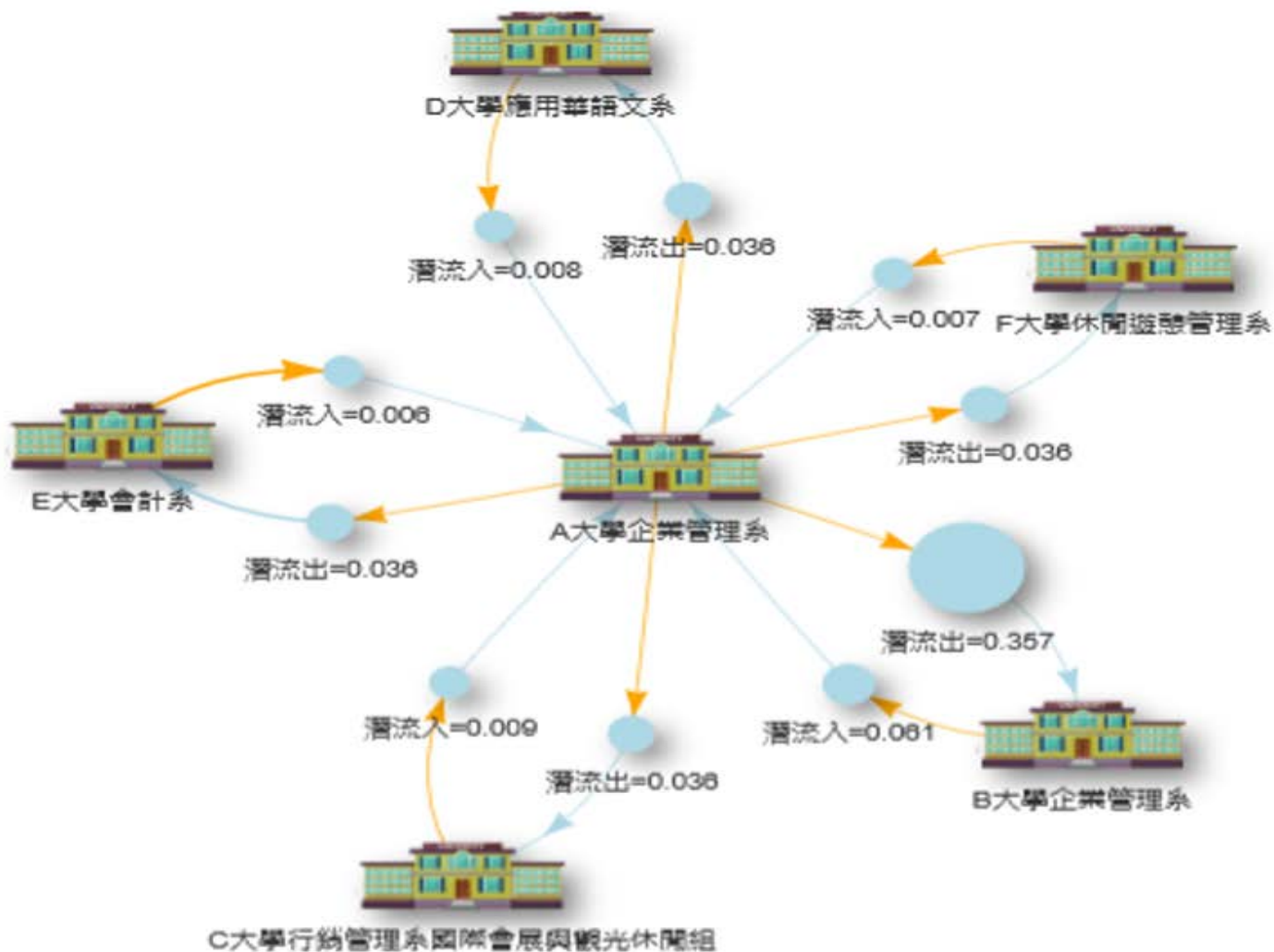
《表2-2》105學年度大學校院僑生人數(人)

國別	大學校院		公立大學校院		私立大學校院	
	105學年度 學生總數	四年制大一與大四 人數差異幅度(%)	學生總數	四年制大一與大四 人數差異幅度(%)	學生總數	四年制大一與大四 人數差異幅度(%)
香港	6,613	48.2% ▲▲	2,205	39.4% ▲▲	4,408	52.5% ▲▲▲
馬來西亞	6,478	43.2% ▲▲	3,833	62.0% ▲▲▲	2,645	23.4% ▲
澳門	4,627	34.4% ▲▲	2,259	30.5% ▲▲	2,368	37.9% ▲▲
印尼	934	87.2% ▲▲▲	605	95.8% ▲▲▲	329	73.3% ▲▲▲
緬甸	386	62.0% ▲▲▲	344	67.4% ▲▲▲	42	28.6% ▲▲
越南	240	208.7% ▲▲▲	175	207.7% ▲▲▲	65	210.0% ▲▲▲
泰國	188	-24.4% ▼	138	-12.5% ▼	50	-53.8% ▼▼▼
美國	194	4.0% --	94	-50.0% ▼▼▼	100	40.0% ▲▲
日本	146	-17.6% ▼	91	-13.0% ▼	55	-27.3% ▼
南韓	159	-8.6% ▼	53	180.0% ▲▲▲	106	-40.0% ▼▼
加拿大	143	47.1% ▲▲	77	80.0% ▲▲▲	66	33.3% ▲▲
新加坡	83	-33.3% ▼▼	43	-62.5% ▼▼▼	40	0.0% --
南非	53	66.7% ▲▲▲	34	66.7% ▲▲▲	19	66.7% ▲▲▲
巴拉圭	32	25.0% ▲	28	25.0% ▲	4	- NA
菲律賓	24	300.0% ▲▲▲	15	- NA	9	0.0% --
巴西	22	-77.8% ▼▼▼	15	-60.0% ▼▼▼	7	-100.0% ▼▼▼
紐西蘭	21	0.0% --	9	- NA	12	0.0% --
貝里斯	20	-66.7% ▼▼▼	14	0.0% --	6	-100.0% ▼▼▼
厄瓜多	13	-50.0% ▼▼	8	-33.3% ▼▼	5	-100.0% ▼▼▼
阿根廷	12	-33.3% ▼▼	9	0.0% --	3	-100.0% ▼▼▼
其他地區	109	-26.9% ▼	66	-35.7% ▼▼	43	-16.7% ▼
總計	20,497	41.7% ▲▲	10,115	46.4% ▲▲	10,382	37.9% ▲▲

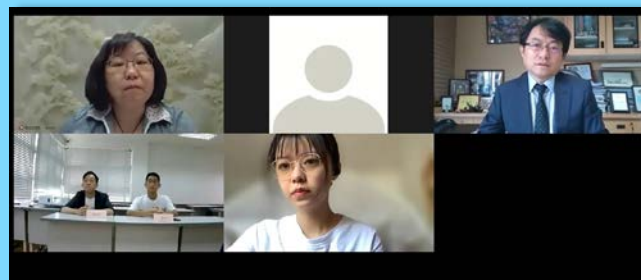
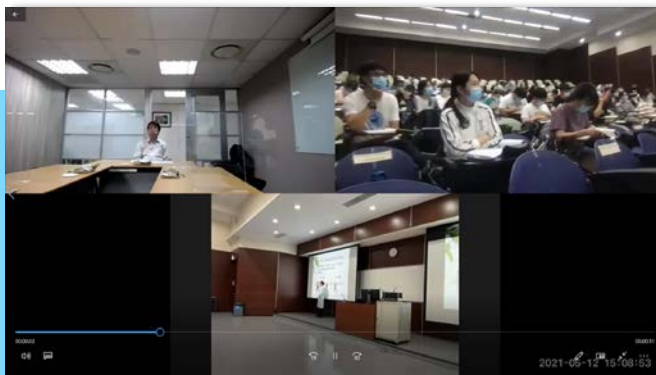
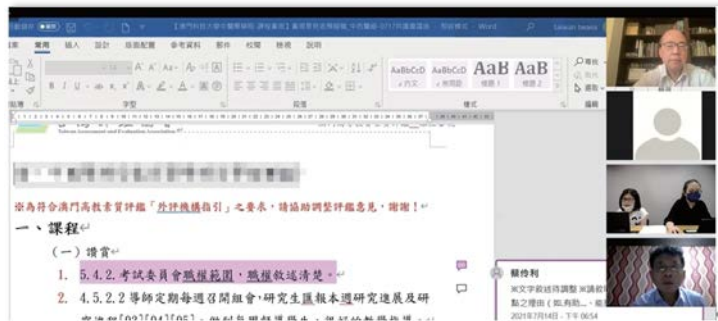


# Strengthen the use of IT system- construction of information platform

A大學企業管理系\_107學年度競爭科系分析-生源潛在淨流出關聯示意圖



# Development of multiple evaluation methods- Online evaluation mode



# International accreditation programs



# International accreditation programs

In 2018, TWAEA and JUAA launched the international joint accreditation for universities and colleges in Taiwan and Japan.

2021, the project has been expanded to include Thailand joining the international joint accreditation.

The implementation of this project will hopefully provide higher education in Taiwan and Japan with a guarantee on the internationalization of their education quality.

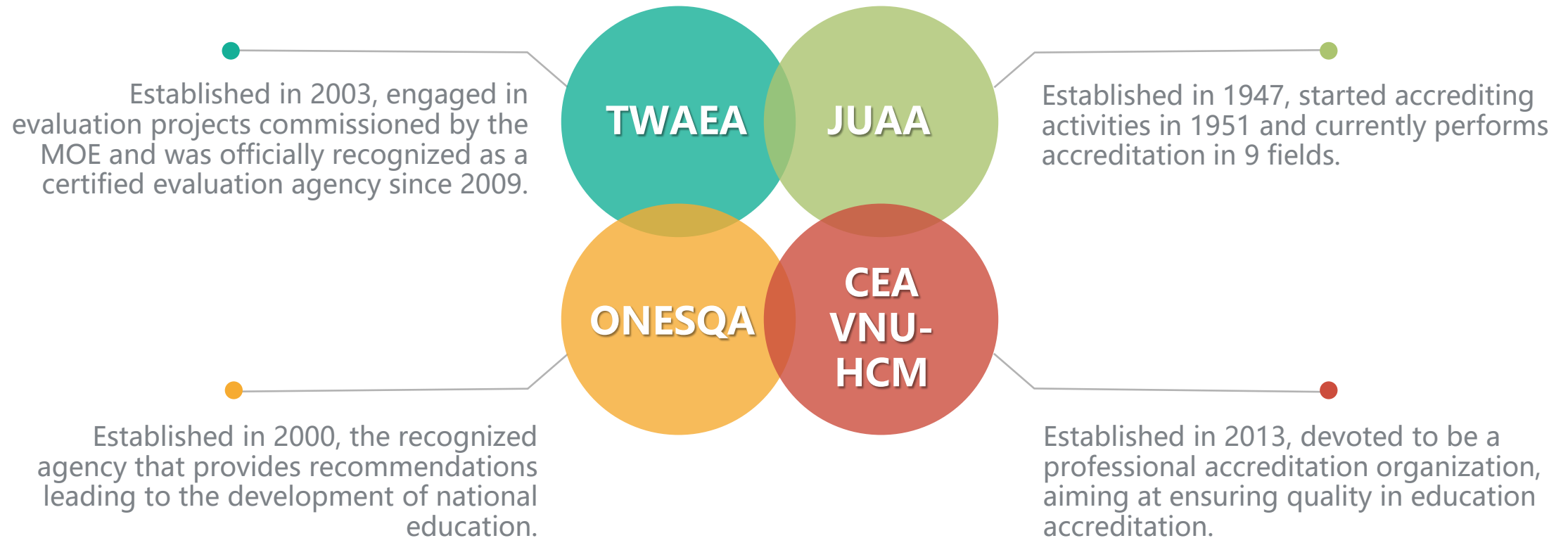


# International accreditation programs



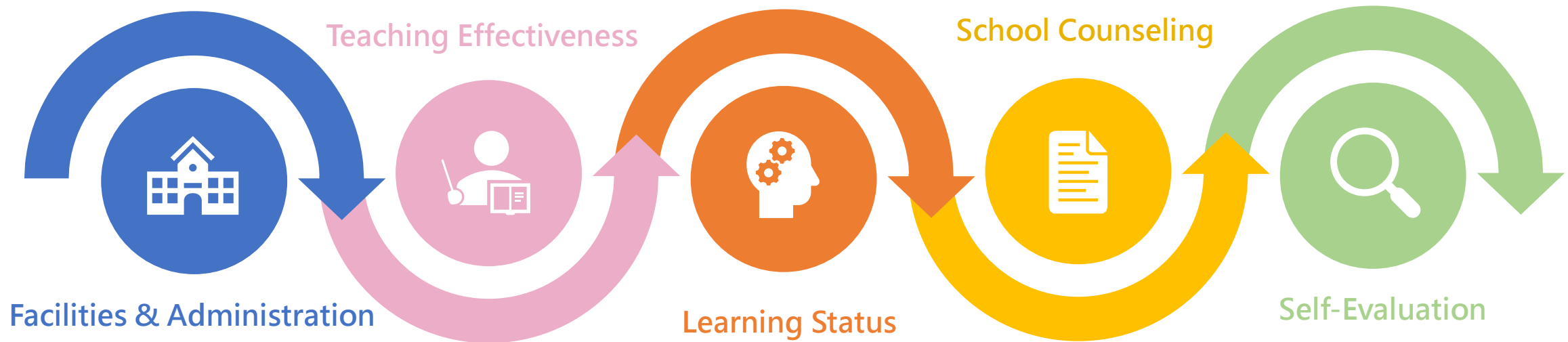
# International cooperation research Program

“ Improving the Student Experience of Teaching Methods:  
Learning from a Comparative Study of Four Asia-Pacific Regions”



# International cooperation research Program

## Questionnaire items



# International cooperation research Program

Best way to teaching effectiveness...



**Case Study**

▶ **Taiwan**

**Teamwork**

▶ **Thailand**

**Lecture and Explanation  
from Teachers**

▶ **Japan & Vietnam**

# International cooperation research Program

## Teaching trends

- The faculties' specialties are in consistent with the courses instructed by them.



- Students value more on how and what they learn, rather than who delivers the lessons.



# International cooperation research Program

## Global Prospect

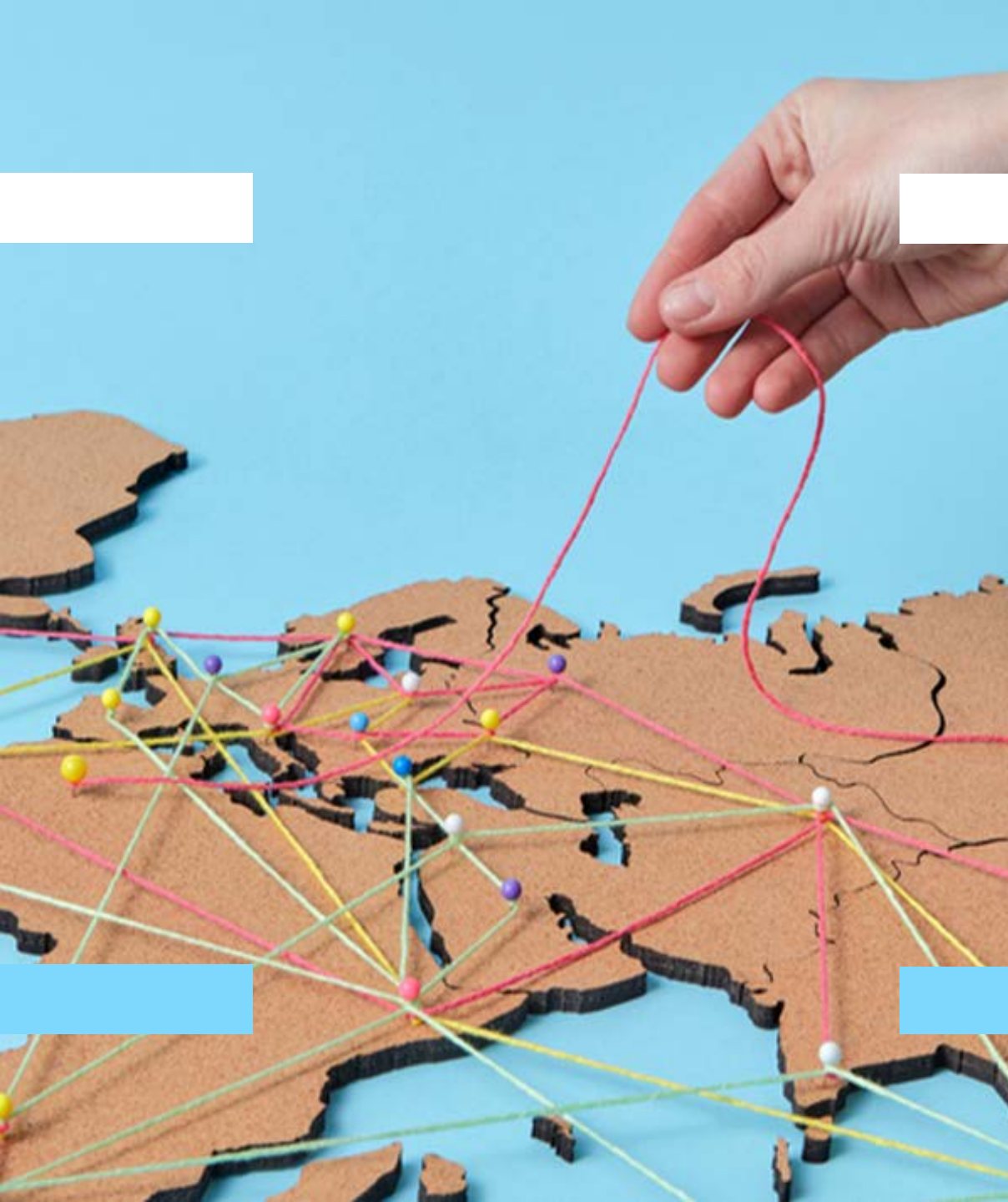
- **Committed to improving students' learning experience**
- **Achieve effective learning outcomes**
- **Dedicate to helping teachers identify the most powerful teaching methods**



# International training programs

- QA System: Retrospect on 2020 and Prospect for the Future
- Presentations on the Development of Training Program for Assessors and Evaluation Mechanism of Assessors
- Human Resource Development of QA agency staff
- The Role and Challenges of QA Professionals in the Future





# Thanks For Listening



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