

基調講演Ⅰ

Keynote Speech I

「台湾における高等教育質保証システム
— 科学技術・職業教育へのアプローチ」 (オンライン参加)

“Quality Assurance System of Higher Education in Taiwan –
Approaches to Technical and Vocational Education”
(to be delivered online)

容 繼業 Jimmy C.Y. Yung

社団法人台湾評鑑協会 理事長
Chairman, Taiwan Assessment and Evaluation Association (TWAEA)

Quality Assurance System of Higher Education in Taiwan

– A TVE Approach



Taiwan Assessment and Evaluation Association (TWAEA)

January 27, 2022

台湾における 高等教育の 質保証制度

– 科学技術・職業教育
へのアプローチ



社団法人台湾評鑑協会
(TWAEA)

2022年1月27日



Chairman

► Dr. Jimmy C.Y. Yung

- Chairman, Taiwan Assessment and Evaluation Association (TWAEA)
- Chairman, Nan Kai University of Technology
- Chair Professor, Dept. of Hospitality Management, Hung Kuang University
- Emeritus Chair Professor, Dept. of Hospitality Management, Tunghai University



理事長

► 容繼業 博士

(Dr. Jimmy C.Y. Yung)

- 社團法人台灣評鑑協會 (TWAEA) 理事長
- 南開技術學院 理事長
- 弘光科技大學 ホスピタリティ・マネジメント学科 主任教授
- 東海大学 ホスピタリティ・マネジメント学科 名誉主任教授



▶ Experience

- ▶ President, National Kaohsiung University of Hospitality and Tourism , Taiwan.
- ▶ Administrative Advisor, Executive Yuan, The Republic of China.
- ▶ Commissioner, Tourism Promotion Committee, Executive Yuan, The Republic of China.
- ▶ Director, Association of Technological and Vocational Education, Taiwan.
- ▶ Director, Foundation for International Cooperation in Higher Education, Taiwan.
- ▶ Chairman, Chinese Tourism Management Association, Taiwan.
- ▶ Chairman, Chinese Hospitality Education Association, Taiwan.
- ▶ Host & Evaluator of Institutional Accreditation, Higher Education Quality Assurance Accreditation and Star Hotel Rating projects.



▶ 経歴

- ▶ 台湾 国立高雄餐旅大学 学長
- ▶ 台湾行政院 行政顧問 (Administrative Advisor)
- ▶ 台湾行政院 観光促進委員会(Tourism Promotion Committee) 委員長 (Commissioner)
- ▶ 台湾 技術職業教育協会(Association of Technological and Vocational Education) 理事
- ▶ 台湾 財団法人高等教育国際合作基金会 (Foundation for International Cooperation in Higher Education) 理事
- ▶ 台湾 中華観光管理学会 (Chinese Tourism Management Association) 理事長
- ▶ 台湾 中華餐旅教育学会 (Chinese Hospitality Education Association) 理事長
- ▶ 機関別ア krediyeshon、高等教育質保証ア krediyeshon、ホテル格付けプロジェクト(Star Hotel Rating projects) の運営者&評価者

OUTLINES

Brief

Quick Facts of HE in Taiwan

The Development of QA System in Taiwan

QA System of TVE in Taiwan

- QA System
- Standards
- Evaluation Consensus

Conclusion

About TWAEA

プレゼンテーション概要

要旨

台湾における高等教育の概要

台湾における質保証制度の発展

台湾における技術・職業教育の質保証制度

- ・ 質保証制度
- ・ 評価基準
- ・ 評価の合意

結論

社団法人台湾評鑑協会(TWAEA)について

Brief

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要旨

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The Transformation of HE in Taiwan



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台湾における高等教育の変遷



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Developing Trends of QA System in Taiwan

Phase 2 (1980): Pilot Program Evaluation on Academic Disciplines and Areas of Expertise

Phase 1 (1974): MOE coordinated the evaluation on junior colleges

Phase 4 (2009): Announcement of the Measures in Recognizing Professional Evaluation Agencies

Phase 3 (2004): Commissioned to professional evaluation agencies to conduct institutional evaluation

Phase 5 (2017): MOE called off the Program Evaluation Project. Institutional Evaluation remains conducted by MOE.

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台湾における質保証制度の変遷

第2期 (1980): 学科や専門分野に関する評価のパイロット・プログラム

第1期 (1974): 教育部 (MOE) が短期大学の評価を実施

第4期 (2009): 専門評価機関の認定方法を発表

第3期 (2004): 機関別評価の実施を専門評価機関に委託

第5期 (2017): 教育部がプログラム評価を廃止。機関別評価は引き続き教育部が実施

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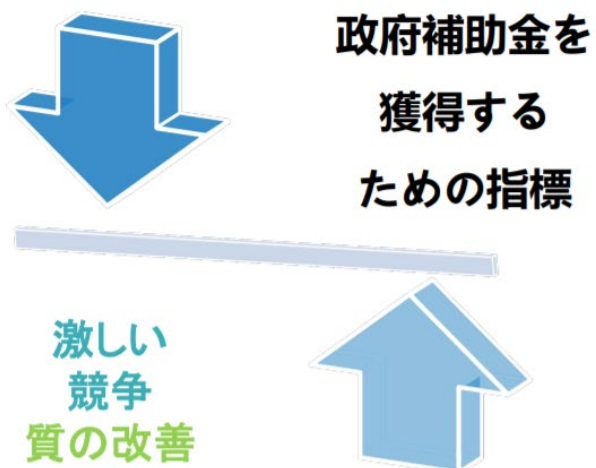
QA for the Past and the Present ...



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質保証の過去と現在 ...



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Quick Facts of HE in Taiwan

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台湾における 高等教育の概要

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Sense of Urgency

John P. Kotter



危機感 (Sense of Urgency)

ジョン P. コッター



About Taiwan

- ▶ **Area:** 36,000 km²
 - ▶ **Population:** Approximately 23 millions
 - ▶ **GDP per capita:** USD\$28,371 (2020)
 - ▶ **Language:** Mandarin, Taiwanese, Hakka, Aboriginal language
- 

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台湾

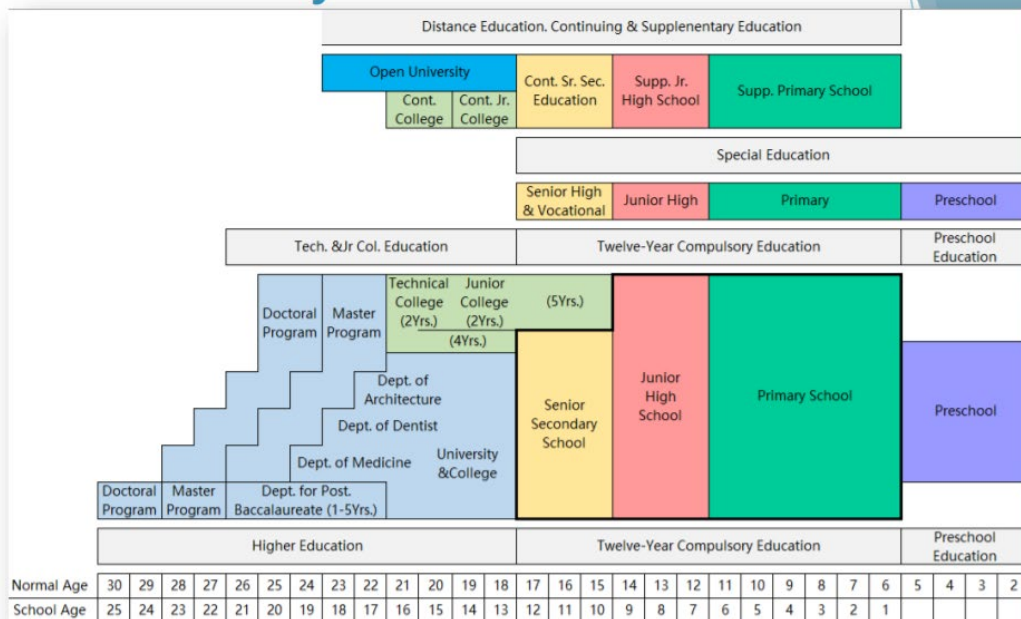
- ▶ **面積:** 36,000 km²
 - ▶ **人口:** 約 2,300万
 - ▶ **1人当たりGDP:** 28,371米ドル (2020年)
 - ▶ **言語:** 標準中国語、台湾語、客家語、先住民族の言語
- 

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Current School System

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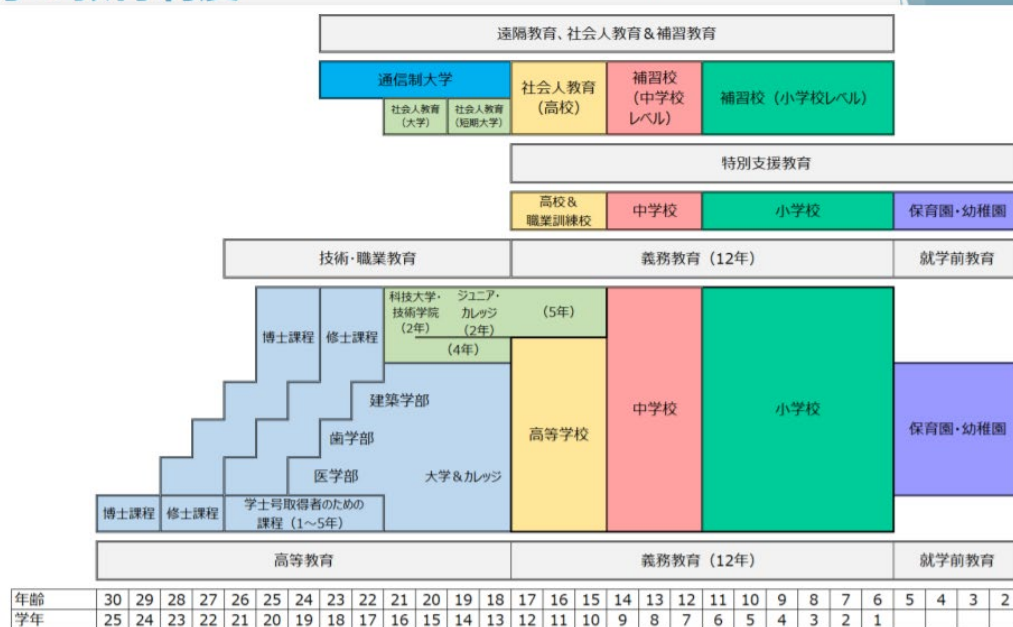


<https://www.studyintaiwan.org/discover/system>

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現行の教育制度

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<https://www.studyintaiwan.org/discover/system>

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Figures of HE Institutions Nowadays(I)

Statistical Interval: Until 10TH, October 2020
Source: "University List", Ministry of Education

Type	No. of Schools
Universities	70
Universities of Science and Technology	70
Colleges & Jr. Colleges	12
Total	152

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現在の高等教育機関数 (I)

統計期間: 2020年10月10日まで
出所: 台湾教育部 "University List"

種別	機関数
大学	70
科技大学	70
専科学校 (5年制・2年制)	12
合計	152

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Figures of HE Institutions Nowadays(II)

Summary of Education at all Levels (Extract) SY 2020-2021					
Unit: Person					
	No. of Schools	No. of Teachers	No. of Students	No. of Graduates in 2020	No. of Students per 1,000 population
Total	10,928	299,192	4,211,736	906,521	178.76
Universities, Colleges & Jr. Colleges	152	45,811	1,203,460	284,662	51.08

Statistical Interval: Until January 2019
Source: "2021/2022 Education in Taiwan, ROC", Ministry of Education

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現在の高等教育機関数 (II)

教育の概要 - 全レベル (抜粋) 2020-2021 学年度					
単位: 人					
	機関数	教員数	学生数	2020年の 卒業者数	1,000人 当たりの 学生数
合計	10,928	299,192	4,211,736	906,521	178.76
大学、 専科学校 (5年制&2 年制)	152	45,811	1,203,460	284,662	51.08

統計期間: 2019年1月まで
出所: 台湾教育部 "2021/2022 Education in Taiwan, ROC"

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The Development of QA System in Taiwan

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台湾における 質保証制度の発展

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Small Change Big Difference

Tony Blair



小さな変化が 大きな違いをもたらす (Small Change Big Difference)

トニー・ブレア

Purpose of Quality Assurance



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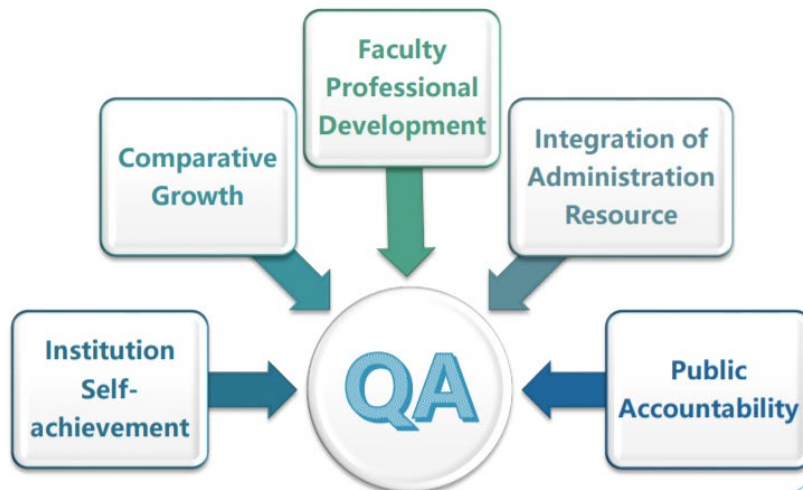
質保証の目的



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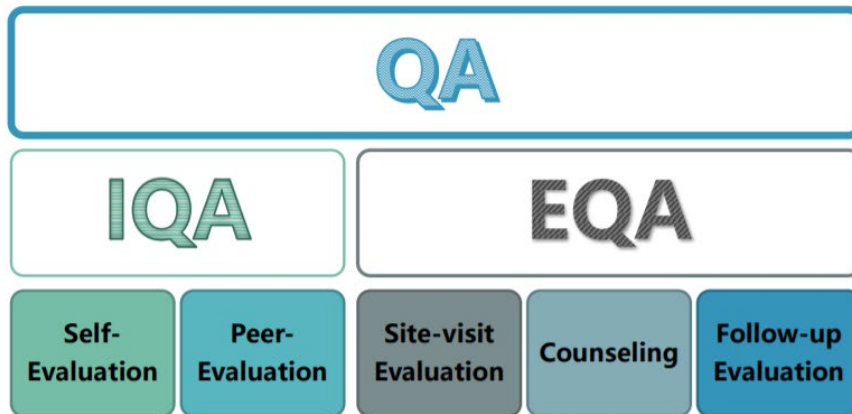
Functions of QA System



質保証制度の機能



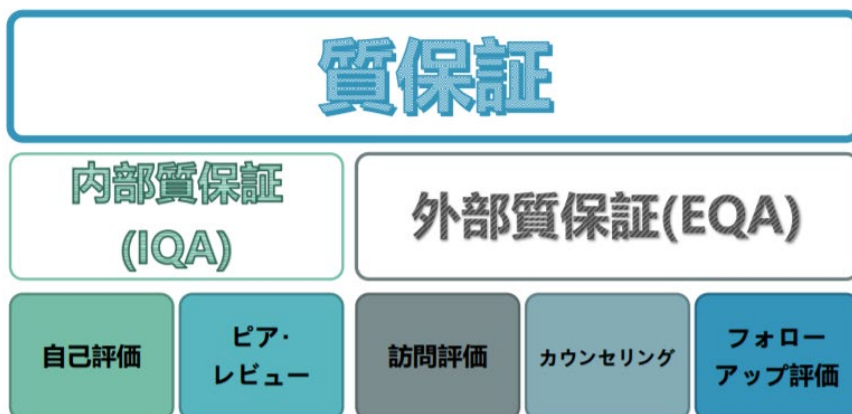
Evaluation Methods of QA system



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質保証制度における評価方法



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	Technological & Vocational Institutions	Universities
Authorities	Department of Technological and Vocational Education, MOE	Department of Higher Education, MOE
EQA Agencies	Taiwan Evaluation and Assessment Association (TWAEA)	Higher Education Evaluation and Accreditation Council of Taiwan (HEEACT)
Cycle	Institutional Evaluations are conducted Every 5 years	Institutional Evaluations are conducted Every 6 years
Results	<ul style="list-style-type: none"> • Accredited • Accredited conditionally • Denied 	<ul style="list-style-type: none"> • Accredited • Accredited conditionally • Denied

Higher Education EQA in Taiwan

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	技術職業系の教育機関	大学
監督官庁 Authorities	台湾教育部 技術職業教育局	台湾教育部 高等教育局
評価実施機関 EQA Agencies	財団法人 台湾評鑑協会 (TWAEA)	台湾高等教育評鑑中心基金会 (Higher Education Evaluation and Accreditation Council of Taiwan: HEEACT)
評価サイクル	機関別評価を 5年毎 に実施	機関別評価を 6年毎 に実施
結果	<ul style="list-style-type: none"> • 認定 • 条件付き認定 • 不認定 	<ul style="list-style-type: none"> • 認定 • 条件付き認定 • 不認定

台湾における高等教育の質保証

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QA System of TVE in Taiwan

QA System
Standards
Evaluation Consensus

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台湾における 技術・職業 教育の 質保証制度

質保証制度
評価基準
評価の合意

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Disruptive Innovation

Clayton M. Christensen



既成概念を打ち砕く イノベーション (Disruptive Innovation)

クレイトン M. クリステンセン

Transformation of QA System (I)



▶ Institutional Evaluation 2.0

- ▶ Guide higher education institutions to develop program features
- ▶ TVE performance orientation → **Improvement procedures for internal quality**
- ▶ Refinement of evaluation quality
- ▶ Simplifying administrative work → **Focus on indicators**
- ▶ Information disclosure → **Big data era**

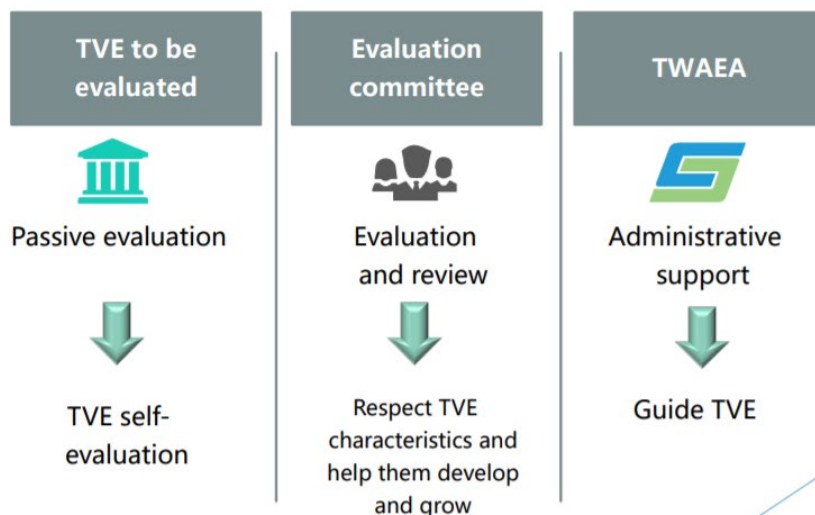
質保証制度の変遷 (I)



▶ 機関別評価 2.0

- ▶ プログラムの特色を伸長するよう高等教育機関を指導
- ▶ 成果志向 → **内部質保証の改善手続き**
- ▶ 評価の質の改善
- ▶ 運営業務の簡素化 → **指標の重視**
- ▶ 情報開示 → **ビッグデータの時代**

Transformation of QA System (II)

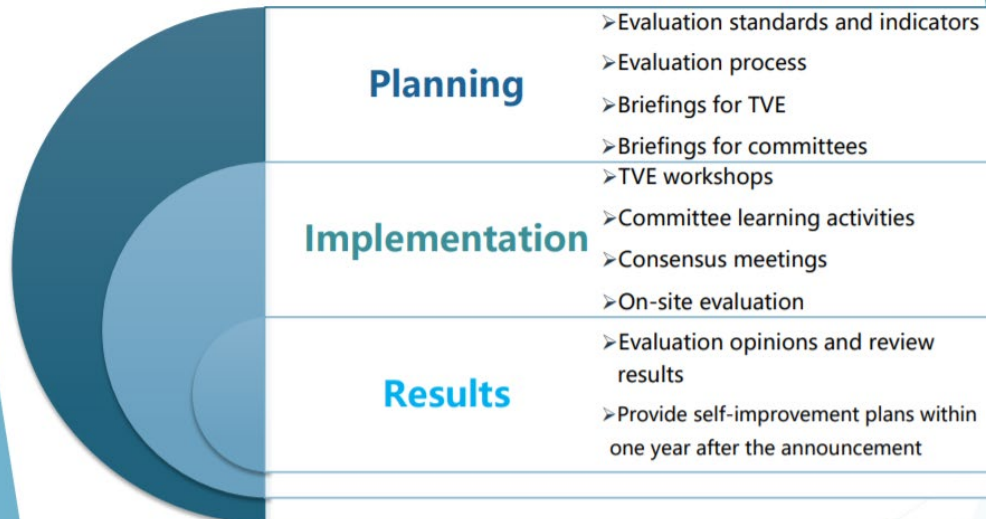


質保証制度の変遷 (II)



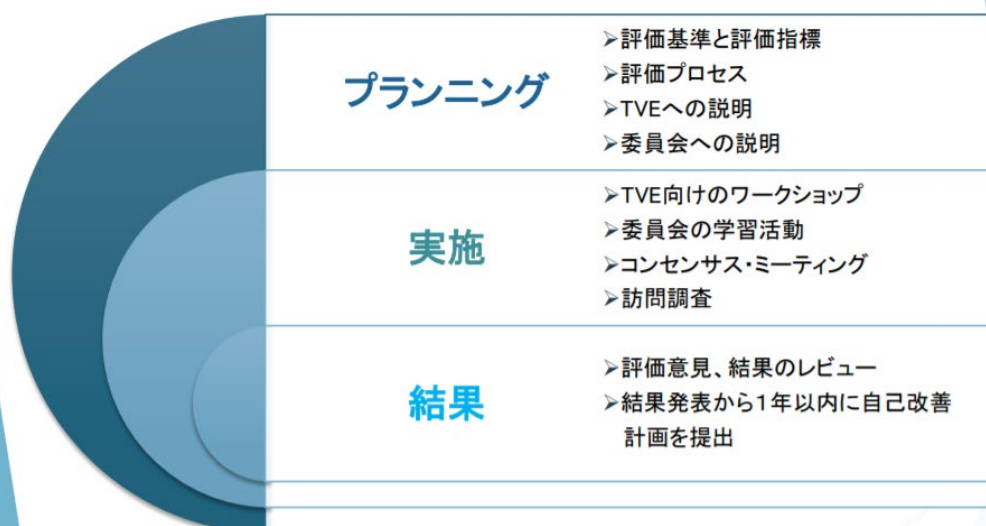
Evaluation Dimensions (I)

▶ QA System



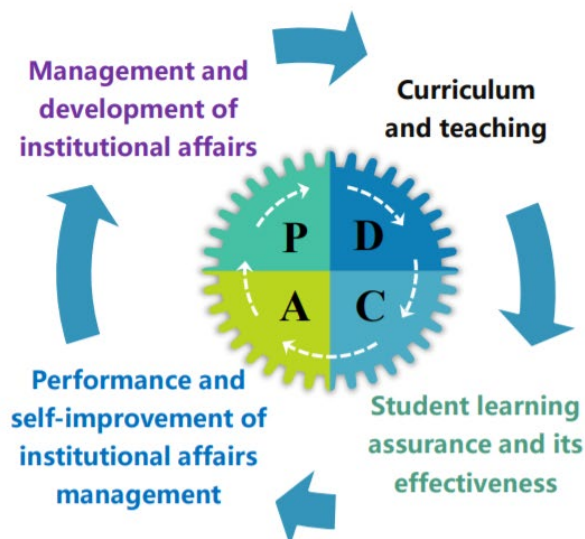
評価の各種側面 (I)

▶ 質保証制度



Evaluation Standards

▶ Standards



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評価基準

▶ 基準



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Focus of Evaluation Standards(I)

- ▶ Quality of how the Technological & Vocational Institution is run as the design basis for indicators
- ▶ Facilitate collaboration between administrative and teaching units
- ▶ Characteristics indicators integrated into development and planning of institutional affairs

▶ Standards



評価基準の重点 (I)

- ▶ 技術・職業系教育機関の運営方法の質を評価指標の設計基盤とする
- ▶ 教育機関の運営部門と教育部門の連携協力の円滑化
- ▶ 機関の特徴を示す指標を運営発展計画に組み込む

▶ 基準



Focus of Evaluation Standards(II)

- ▶ Continuous internal quality improvement measures
- ▶ Emphasis on information disclosure and social responsibilities

▶ Standards



評価基準 の重点 (II)

- ▶ 内部質保証の持続的改善メカニズム
- ▶ 情報開示と社会的責任の重視

▶ 基準

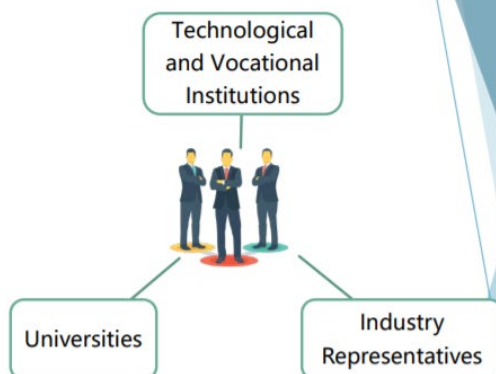


Evaluation Committee

▶ Evaluation Consensus

- ❖ 16 to 20 evaluators for daytime departments
- ❖ Continuing education department: At least 6 evaluators for continuing education departments.

**Number of
Evaluation
Committee**



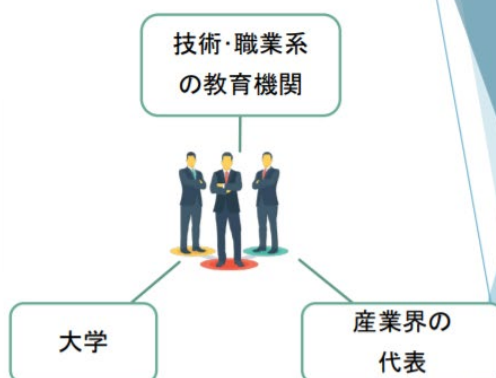
**Composition
of Evaluation
Committee**

評価委員会

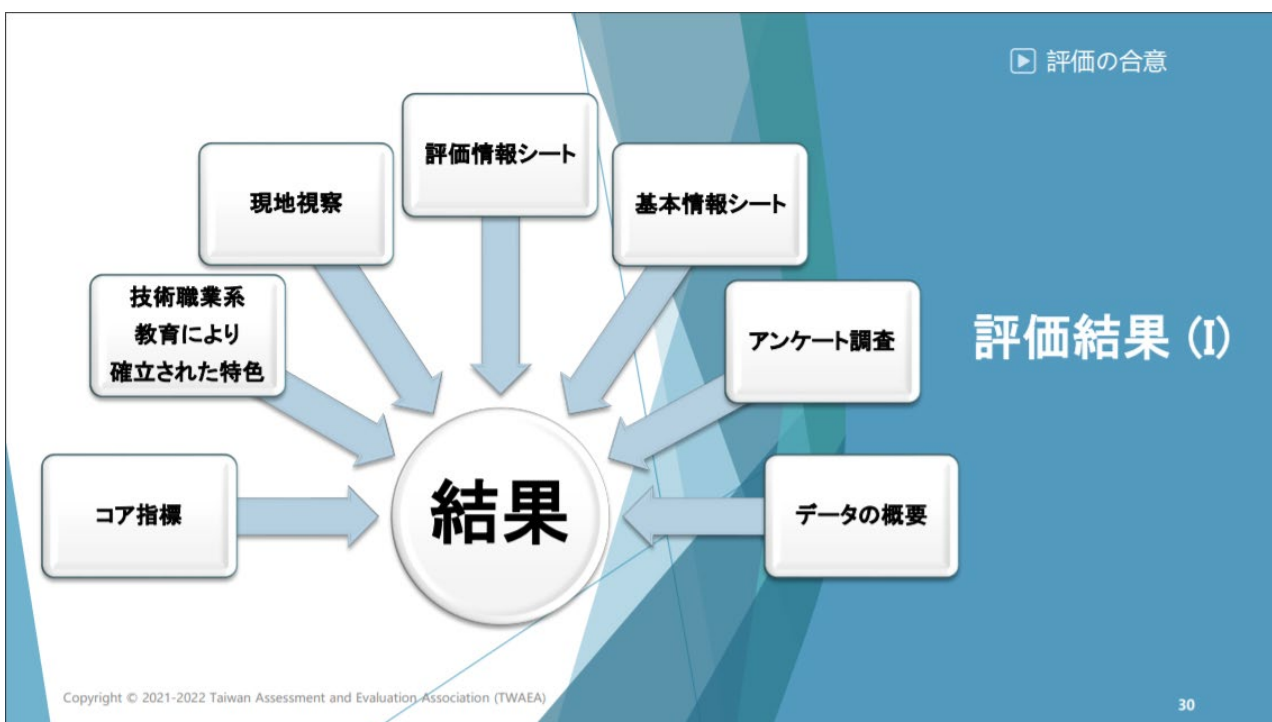
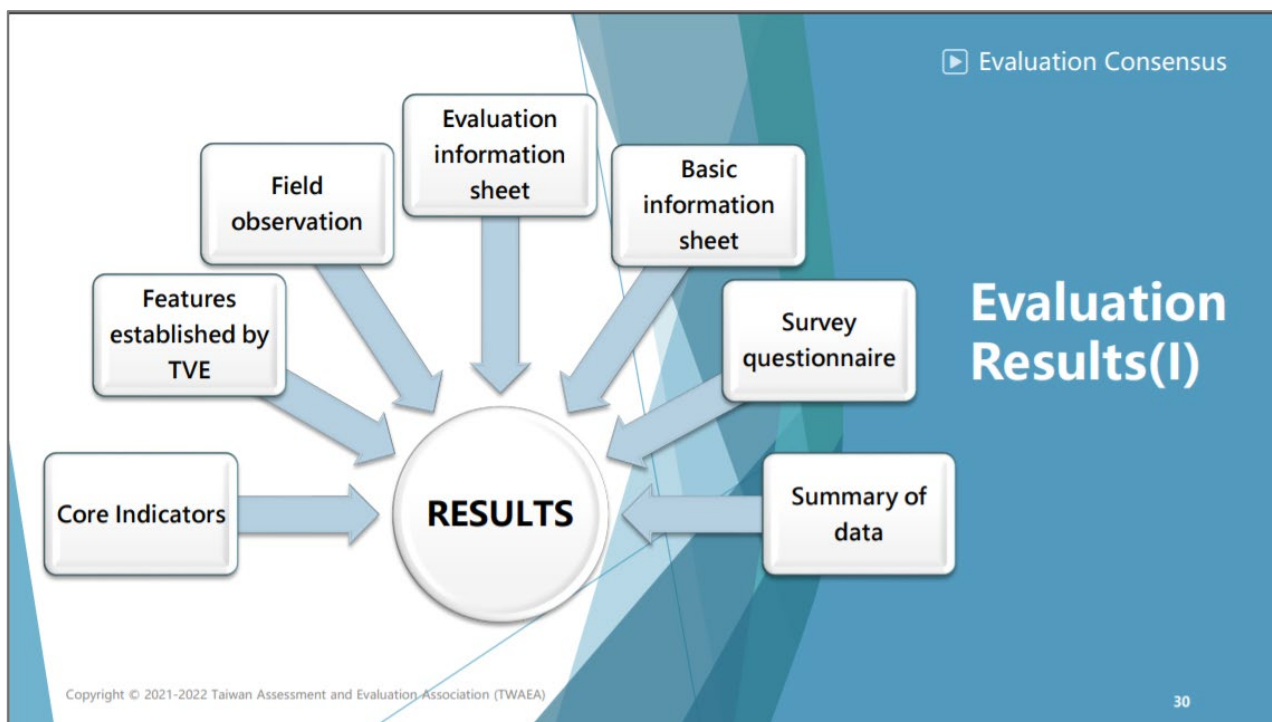
▶ 評価の合意

- ❖ 昼間部の教育機関: 16～20人の評価者
- ❖ 社会人教育部門: 最低6人の評価者

評価委員会の数



**評価委員会の
構成**



Accredited

Conditionally Accredited

Denial

The evaluated Technological and Vocational Institutions **provide self-improvement plans and implementation results within one year** after the release of evaluation results.

Accept **follow-up evaluation** in the same year and **examine the "To be improved" issues** in the evaluation results.

Accept **re-evaluation** in the same year and provide a self-evaluation report based on the evaluation items for the re-evaluation.

Evaluation Results(II)

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認定

条件付き認定

不認定

評価を受けた技術職業系教育機関は、評価結果の発表後 **1年以内に自己改善計画書と実施成果報告書を提出する。**

評価と同じ年に、評価結果で指摘された「**改善すべき点**」に関して **フォローアップ評価**を受ける。

評価と同じ年に、再評価となった項目について自己評価報告書を提出し、**再評価**を受ける。

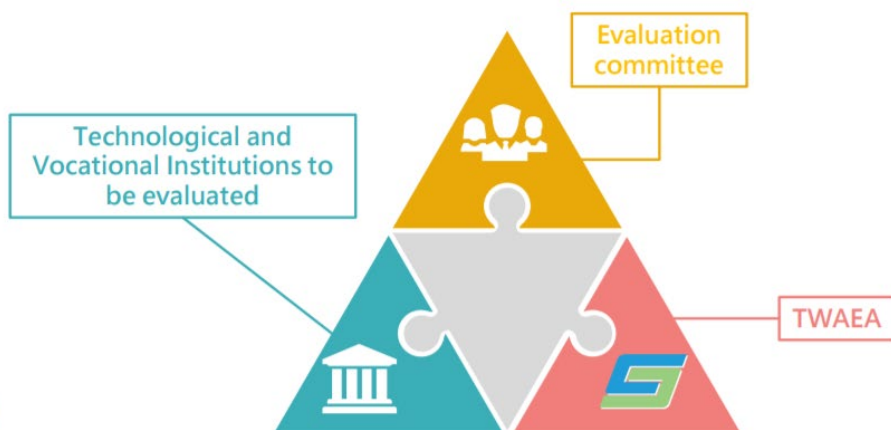
評価結果 (II)

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Evaluation Consensus

▶ Evaluation Consensus

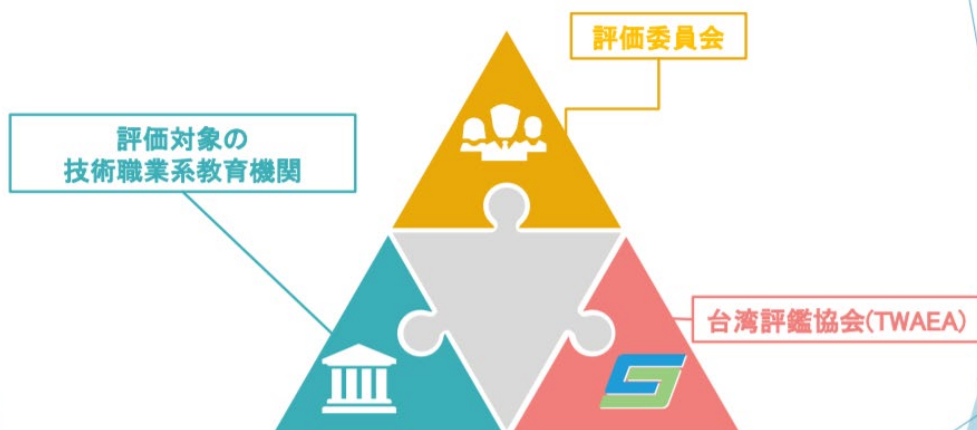


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評価の合意

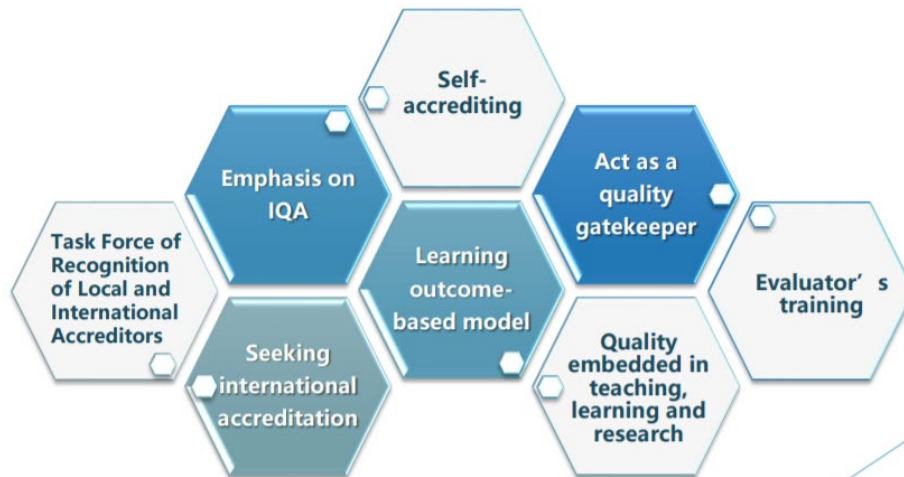
▶ 評価の合意



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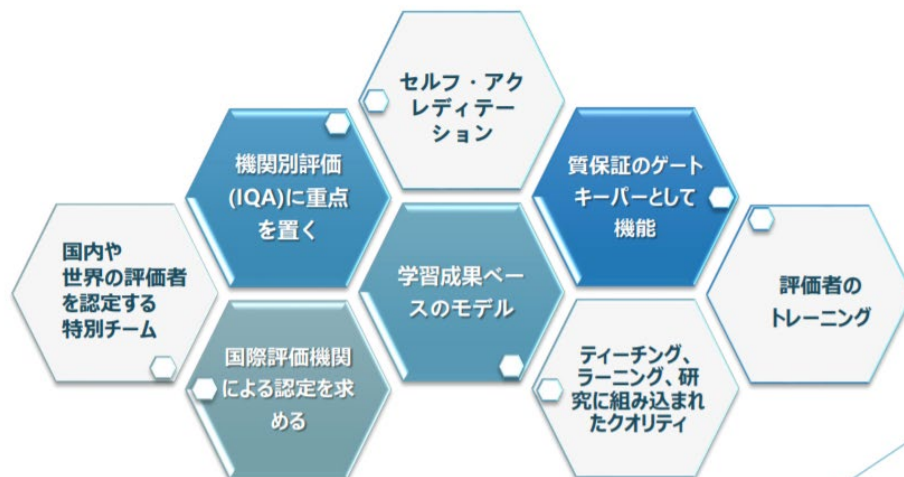
QA trends in Taiwan



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台湾における質保証の動向



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Conclusion

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結 論

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Competition through Innovation

Auliana Poon



イノベーションに よる競争 (Competition through Innovation)

オリアナ・プーン

Features of Technological and Vocational Education(TVE)



Have
Academia-
Industry
Collaboration

Recruit
Staff
Members
based on
Practical
Experience

Promote
Student
Internships
and Hands-
On Practice

Enhance
Practical
Courses

Develop
Teachers'
Practical
Experience

Invite
Professionals
and Experts
from the
Industrial
Fields

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技術・職業教育(TVE)の特色



産学の
連携協働

実務経験に
基づく
教員採用

学生のイン
ターンシップや
実務研修への
参加を促進

実践的内容の
講座を強化

教師の
実務経験
を高める

産業界から
プロや専門家
を招く

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About TWAEA

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台湾評鑑協会 (TWAEA) について

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Revival of the Fittest

Donald Sull



適者復活 (Revival of the Fittest)

ドナルド・サル

TWAEA Self-positioning



**For Assessed
institutions**

Recommendation
Guidance
Support



**For the Ministry of
Education**

Commission
Think Tank
Training



**For Fellow Quality
Assurance Agencies**

Exchange
Partnership
Dialogue

TWAEAの自己の位置づけ



**評価を受ける教育機
関にとって**

勧告
指導
支援



台湾教育部にとって

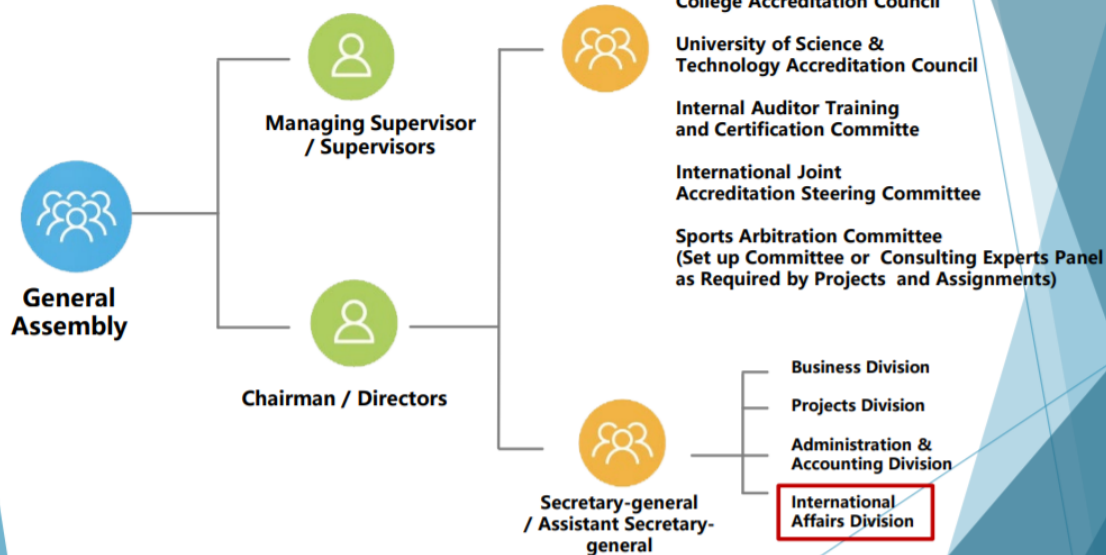
委託
シンクタンク
トレーニング



**他の質保証機関に
とって**

交流
パートナーシップ
意見交換

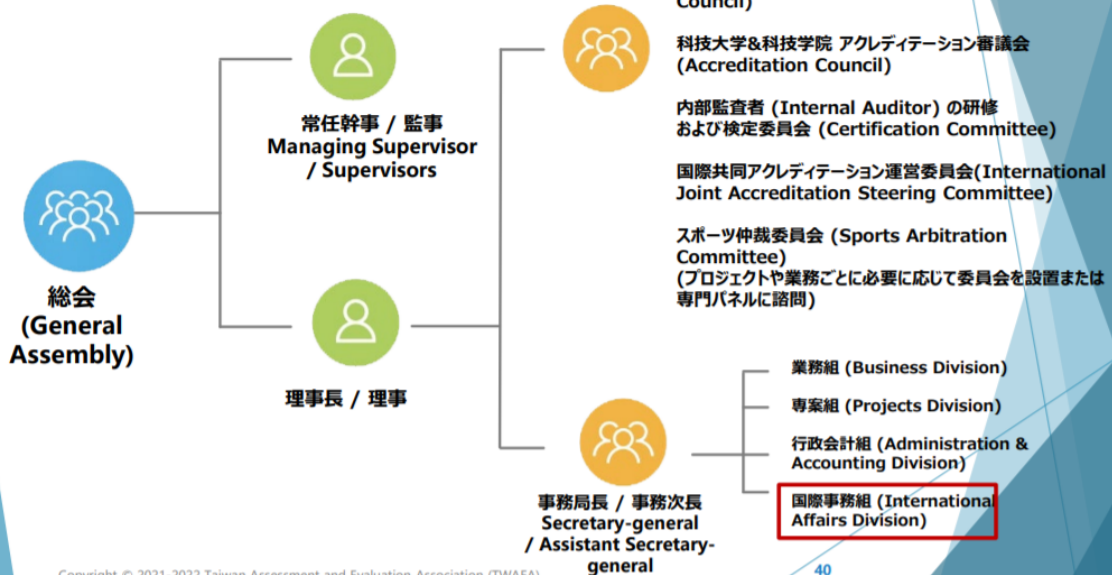
Organizational Structure



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組織機構



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Evaluation of Business Overview(1/4)

Higher Education

Comprehensive Evaluation of Technological Institutes, Institutional Evaluation of Technological Institutions, Accreditation of Degree-granting Programs

Hotel Evaluation

Hotel Star-Rating and Evaluation

Evaluation of Nursing Care Center

Evaluation Projects for Nursing Home and Postpartum Nursing Care Center

評価事業の概要 (1/4)

高等教育

技術系高等教育機関の総合評価、技術系教育機関の機関別評価、学位授与プログラムのアクレディテーション

宿泊施設(ホテル)の評価

宿泊施設(ホテル)の格付けと評価

介護・看護施設 の評価

老人福祉施設および産後ケアセンターの評価プロジェクト



Evaluation of Business Overview(2/4)

▶ Accreditation of Degree-granting Program

▶ Core & Essence

- ▶ Assistance in the Development of the Institution' s Characteristics
- ▶ Assistance in the Institution to improve Education Quality

▶ A Better New Higher Education

1. Motivate New Opportunity
2. Create New Value
3. Ignite New Development



評価事業の概要 (2/4)

▶ 学位授与プログラムのアクレディテーション

▶ コアと本質

- ▶ 教育機関の特徴を伸ばすための支援
- ▶ 教育機関における教育の質改善の支援

▶ より良い新たな高等教育

1. 新しい機会に取り組む意欲を与える
2. 新たな価値を創出する
3. 新たな発展を引き出す



Evaluation of Business Overview(3/4)

▶ Hotel Star-Rating Evaluation

▶ Purpose of implementation

- ▶ The Tourism Bureau of Taiwan:
In order to improve the overall quality of Taiwan's tourism industry and to urge local hotels to follow international standards

▶ Implementation year

- ▶ Since 2009

▶ Implement the object

- ▶ Domestic general hotels and sightseeing hotels



評価事業の概要 (3/4)

▶ 宿泊施設(ホテル)の格付け評価

▶ 実施の目的

- ▶ 台湾観光局：台湾観光産業全体の質を改善し、国内のホテルを国際水準に従うように促すこと

▶ 実施年

- ▶ 2009年より

▶ 対象

- ▶ 国内の一般ホテルおよび観光ホテル

Evaluation of Business Overview(4/4)



▶ Evaluation of Nursing Care Center

▶ Mission

- ▶ Build up the evaluation credibility to let the industry care about quality management & self-improvement

▶ Implementation year

- ▶ Since 2013

▶ No. of Institutions

- ▶ 463

▶ Attendance Time of the Evaluators

- ▶ 1216

評価事業の概要 (4/4)



▶ 老人福祉・ケア施設の評価

▶ 目的

- ▶ 評価の信頼性を高め、品質管理や自己改善について業界に関心を持ってもらう

▶ 実施年

- ▶ 2013年より

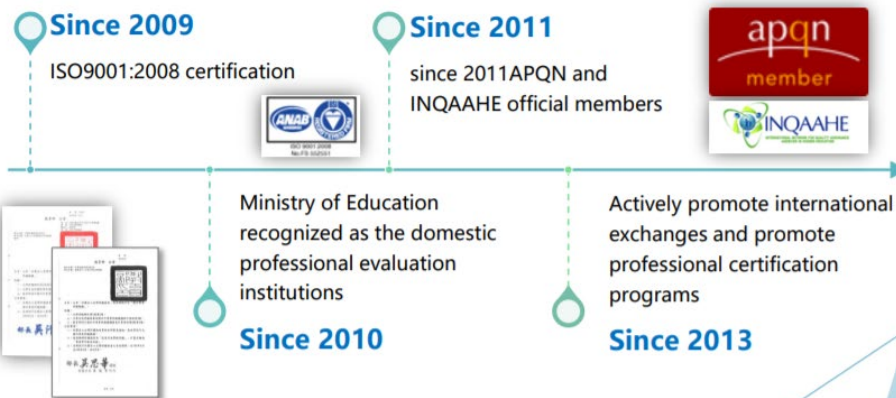
▶ 施設数

- ▶ 463

▶ 評価者の総労働時間

- ▶ 1,216

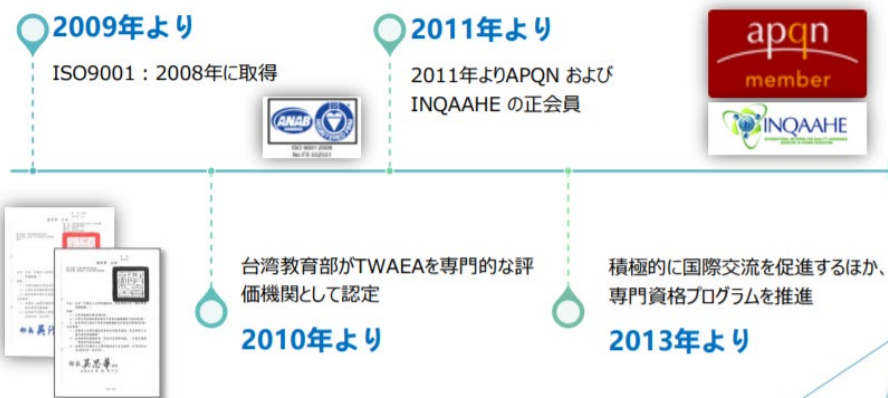
Professional Evaluation Agency Acknowledged Internationally



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国際的に認められた専門的 評価機関



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International Exchanges and Cooperation (1/2)



MOU Signing With
ONESQA (Thailand)



MOU signing with
JUAA (Japan)



Apr. 2013

Aug. 2013



MOU signing with
AKKORK(Russia)

MOU Signing with Agency for
Science and Higher Education
(Croatia)



agency for science and higher education

国際交流・国際協力 (1/2)



タイの全国教育基準・質評
価局(ONESQA)と協力協
定(MOU)を締結



日本の公益財団法人大学
基準協会(JUAA)と協力協
定を締結



2013年4月

2013年8月



ロシアのAKKORKと協力協定を締結

クロアチアの科学・高等教育局
(Agency for Science and Higher
Education)と協力協定を締結



agency for science and higher education

International Exchanges and Cooperation (2/2)



MOU Signing
With AQA (New
Zealand)

Invited by Office for National Education
Standards and Quality
Assurance(ONESQA) to join
International Conference on Quality
Assurance (ICQA), 2015 and signed the
MOU of Joint Accreditation

Oct. 2014

2018

Dec. 2013

2015

MOU Signing
With Fujian
Educational
Evaluation (China)

MOU Signing with
Foundation for International
Business Administration
Accreditation (Germany)



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国際交流・協力 (2/2)



ニュージーランドAQAと
協力協定を締結

タイ全国教育水準・質評価局 (ONESQA) の
招きにより2015年、質評価に関する国際会議
(International Conference on Quality
Assurance, ICQA)に参加し、ジョイント・アクレ
ディテーションの協力協定を締結。

Oct. 2014

2018

Dec. 2013

2015

中国福建省の教育評
価機関と協力協定を
締結

ドイツの国際経営学認定財団
(FIBAA)と協力協定を締結

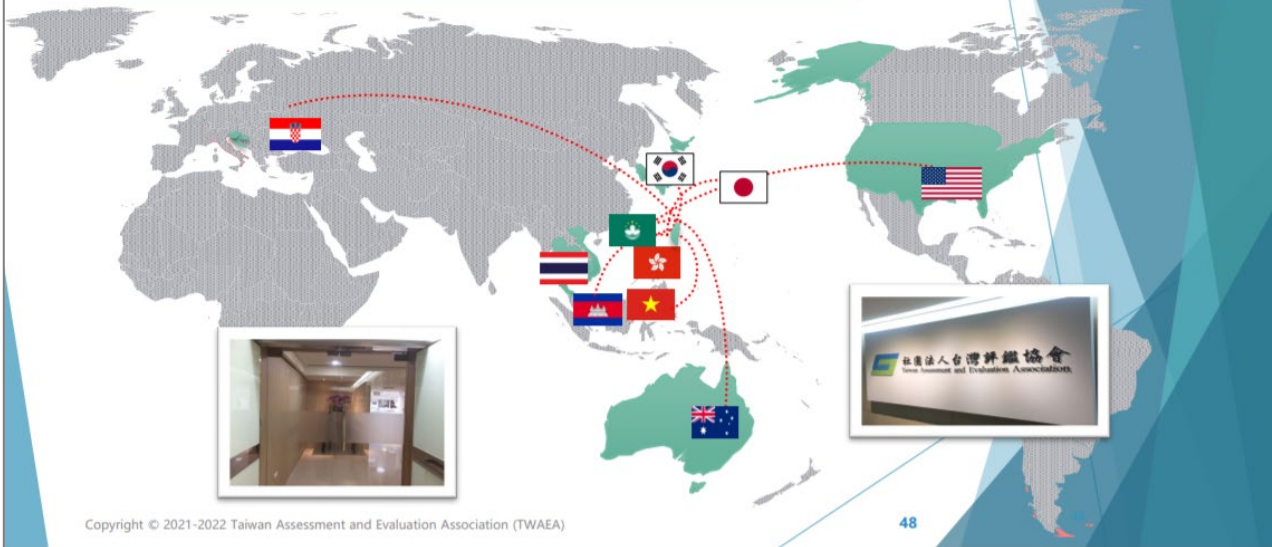


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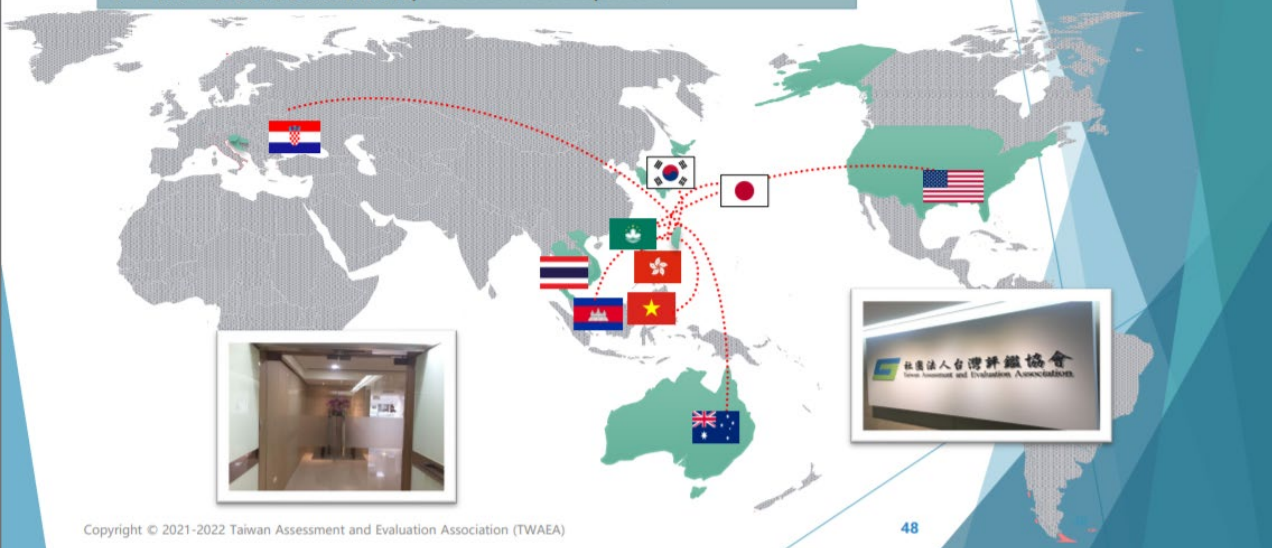
International Cooperation Roadmap

Visions: Proactive Evaluation, Insightful Internationalization, Theory Implementation and Practice Development



国際協力の展開


ビジョン: 事業前評価(proactive evaluation)、見識ある国際化、理論の実現、実践開発(practice development)





**Thanks for
Listening!**

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**ご清聴
ありがとう
ございました**

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