




AFEBI

Laporan Forum Akuntansi (S1)

Yogyakarta, 30 November 2023



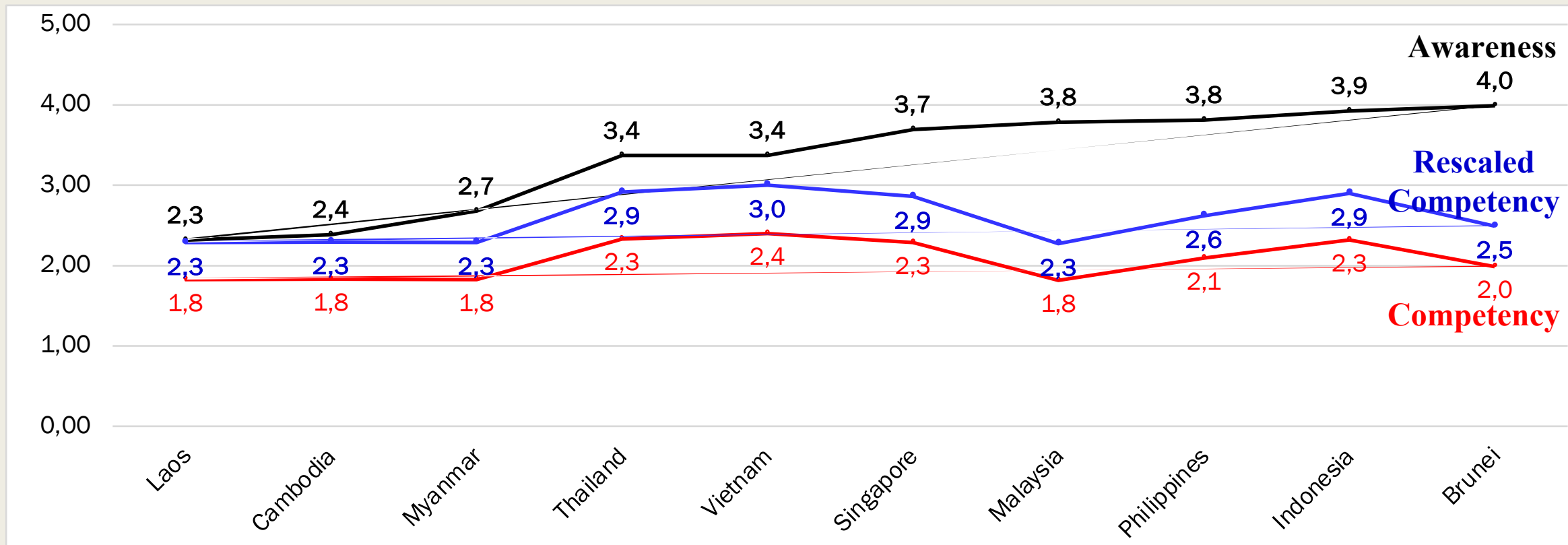
Latar belakang

1. Research findings on Technology Adoption by Accounting Profession in Asean Region, by Asean Accounting Education Workgroup commissioned by AFA, 2023.
2. International Accounting Standards revision 2021



IHLs : Level of **Awareness** and **Competency** of Emerging Technology

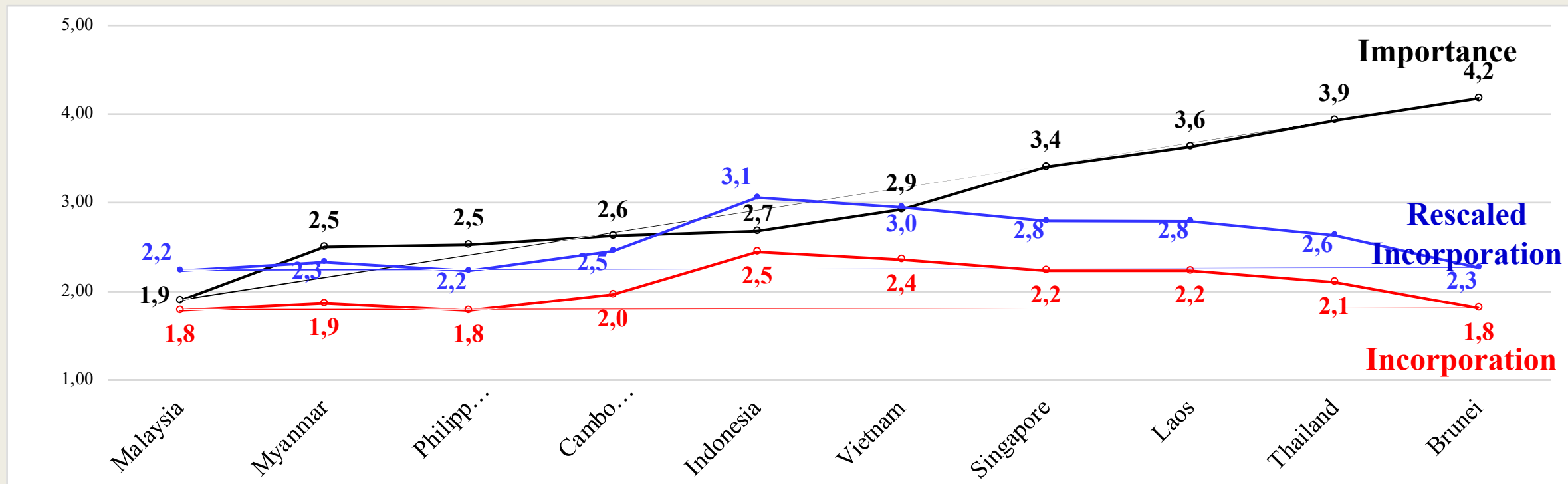
(Awareness: 1 – not at all and 5 – fully aware || Competency : 1 – none, 2 – foundation, 3 – intermediate, 4 - advanced)





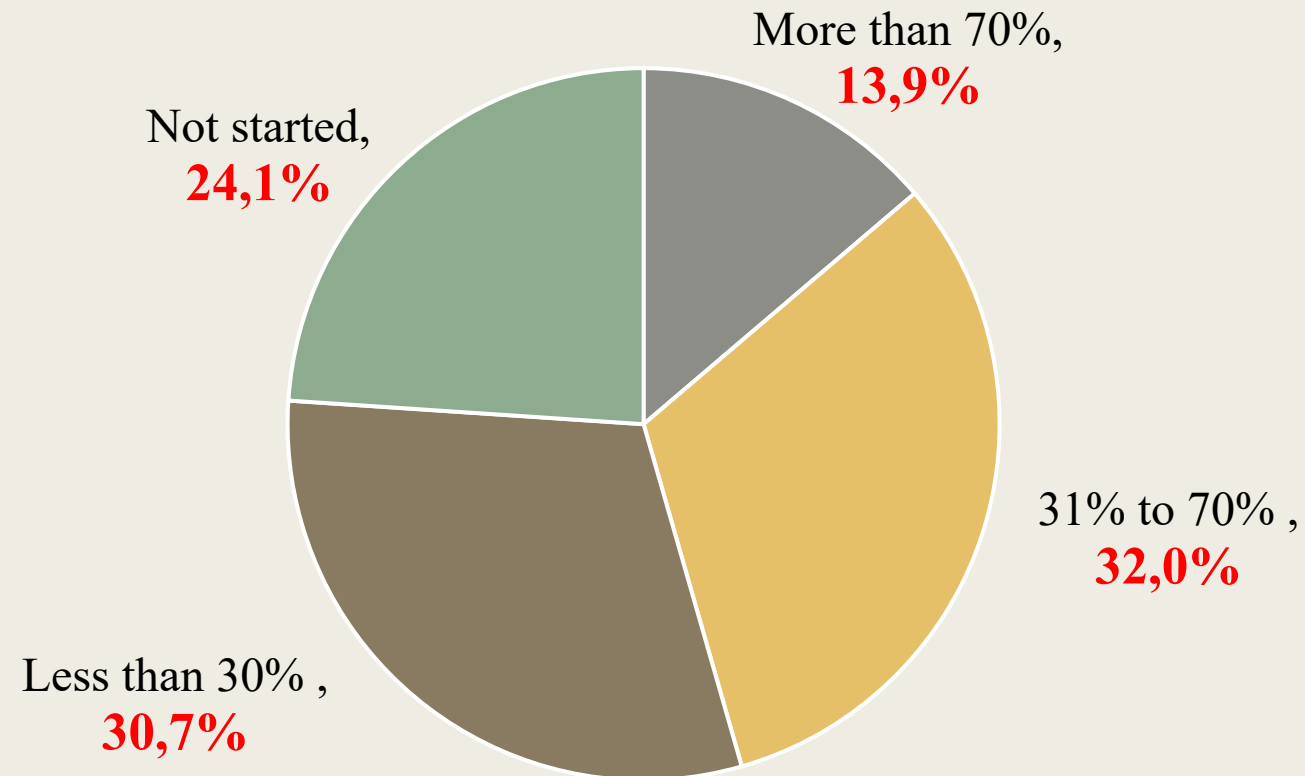
IHLs : Importance and Incorporation of Emerging Technologies in the Accountancy Curriculum

(Importance : 1 – Least Crucial and 5 – Most Crucial || Incorporation : 1 – none, 2 – foundation, 3 – intermediate, 4 - advanced)





IHLs : State of Incorporation of Technology into the Accountancy Curriculum in the Past 3 Years





IHLs : Key Barriers to the Inclusion of Technology in the Accountancy Curriculum

Barriers	Average Response Rate
Lack of expert in the emerging technologies	86.8%
Lack of funding for the establishment of facilities in the emerging technology areas	60.3%
Lack of understanding on the emerging technologies	53.3%
Lack of flexibility of the accounting programme standards	41.9%
Lack of support from top management	22.3%
Tedious process for the approval of changes	21.5%
Lack of clear business case to justify investment	19.3%

IAESB's International Education Standards

- Prescribe standards of generally accepted '**good practice**' in the education and development of professional accountants
- Express the **benchmarks** that member bodies are expected to meet in the preparation and continual development of professional accountants
- Establish the essential elements of the **content and process** of education and development at a level that is aimed at gaining **international recognition, acceptance and application**

The International Education Standard

<https://education.ifac.org/index.html>

Entering an
accounting
education program



IES 1
Entry to a
Program

Initial professional
development
content for
aspiring
accountants



IES 2
Technical
Competence



IES 3
Professional Skills



IES 4
Professional
Values, Ethics &
Attitudes

Applying and
assessing initial
professional
development for
aspiring
accountants



IES 5
Practical
Experience



IES 6
Assessment

Building and
maintaining skills
and competence
through continuing
professional
development



IES 7
Continuing
Professional
Development



IES 8
Audit Engagement
Partner
Competence

IES 2: Technical Competence

Financial Accounting and Reporting

Management Accounting

Finance and Financial Management

Taxation

Audit and Assurance

Governance, Risk Management, and Internal Control

Business Laws and Regulations

Information and Communication Technologies

Business and Organizational Environment

Economies

Business Strategy and Management

IES Updates

- The revisions to International Education Standards, IES 2, 3, 4, and 8 are effective as of January 1, 2021
- The revisions to these standards reflect the increasing demand for accountants skilled in **information and communications technologies** and place further emphasis on the **professional skepticism skills and behaviors**. These apply to both aspiring and professional accountants.

<https://education.ifac.org/index.html>

<https://www.iaesb.org/publications/revisions-ies-2-3-4-and-8-1>

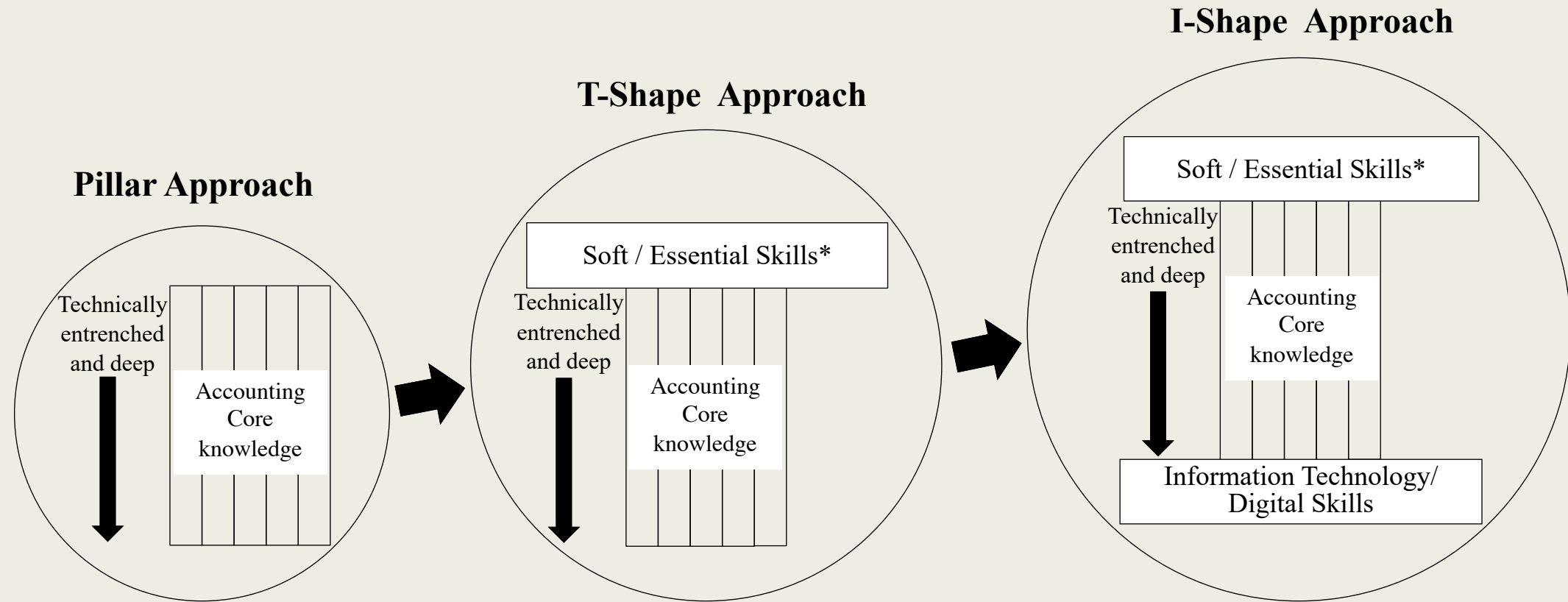
Updates on IES 2

Management Accounting

- Prepare data and information to support management decision making on topics including planning and budgeting, cost management, quality control, performance measurement, and comparative analysis.
- Apply techniques to support management decision making, including product costing, variance analysis, inventory management, and budgeting and forecasting.
- Apply appropriate quantitative techniques to analyze cost behavior and the drivers of costs.
- **Analyze data and information to support management decision making.**
- Evaluate the performance of products and business segments.



Progressive Development of Training for Accountants



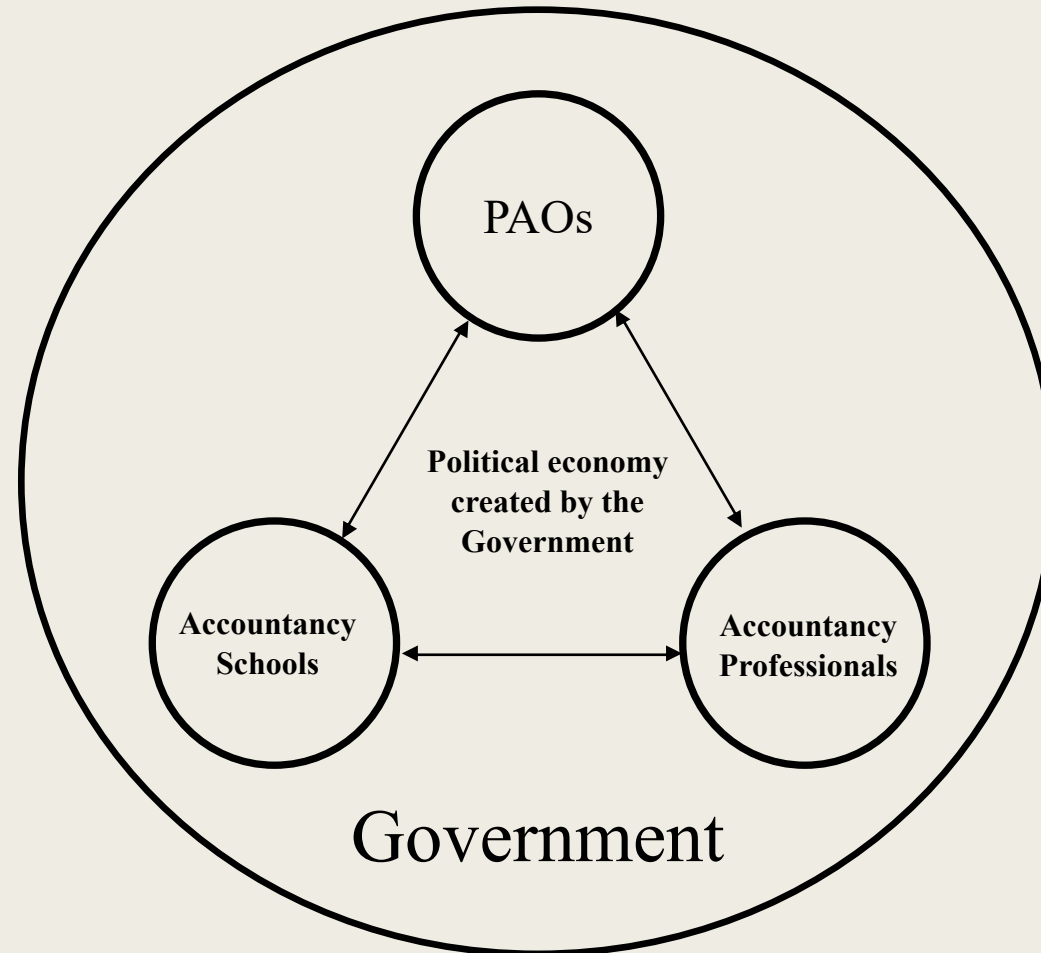
*Communication, listening, negotiation, persuasion, presentation, public speaking, reading body language, storytelling, writing skills

Technology Roadmap





Symbiotic Relationship between the Key Stakeholders





Generic Roadmap for Technology Adoption by PAO

Government provides an overarching vision of the technology roadmap for the nation and serves as a sponsor to technology adoption for the accountancy sector

Formulate a Technology vision for the Accountancy Profession

- Work closely with the government to translate the national technology road map and localize it for the accountancy profession.
- Survey the landscape and keep abreast with the technological developments
- Craft the vision and measurement of success for technology adoption for the accountancy profession
- Communicate the vision to stakeholders.

Collaborate with accountancy schools and professionals to produce a roadmap

- Establish baseline model on what is the current state of technology adoption
- Conduct digital-readiness self-assessment
- Formulate funding plans to assist professionals
- Engage professionals on their technology adoption plans, execution and pain points
- Engage accountancy schools to collaborate on the training of accountancy students
- Produce a shared strategic technology adoption roadmap

Create action plans, milestones and feedback mechanisms to implement the roadmap

- Engage government to provide fundings for adoption of technology
- Provide continuing education, training and professional development to professionals
- Put in place specific technology adoption plans and engagement for professionals
 - ✓ Who are ready and willing to adopt
 - ✓ Who are willing but hesitant
 - ✓ Who are not interested.
- Articulate milestones to measure progress
- Track the milestones and correct course whenever necessary

Proposal

- AFEBI mengusulkan Proyek Nasional Peningkatan Kompetensi Teknologi bagi dosen akuntansi , bekerja sama dengan IAI.

Terima kasih

- Oleh : Dr. Nanny Dewi (Wakil Ketua 1 IAI KAPD)