



ASEAN Technological Competencies Skills

Our Research Findings

Due to technology advancement, Small and Medium Practitioners (SMPs) are required to evolve and offer a broader range of services to their clients who are mainly Small and Medium Enterprises (SMEs). This report will describe the definition, framework, current level of competency, and challenges faced by ASEAN SMPs in improving their technological competency skills in five respective countries namely Cambodia, Indonesia, Malaysia, Singapore and Thailand. Desktop research, literature review, surveys and interviews were conducted to collect data for this research.

A Common Definition

1 After a thorough investigation, it is proposed that the definition of ASEAN SMPs to be referred based on employment-based criteria as it was found that all selected ASEAN countries use these similar criteria to define their SMPs (other features include assets-based and revenue-based definitions).

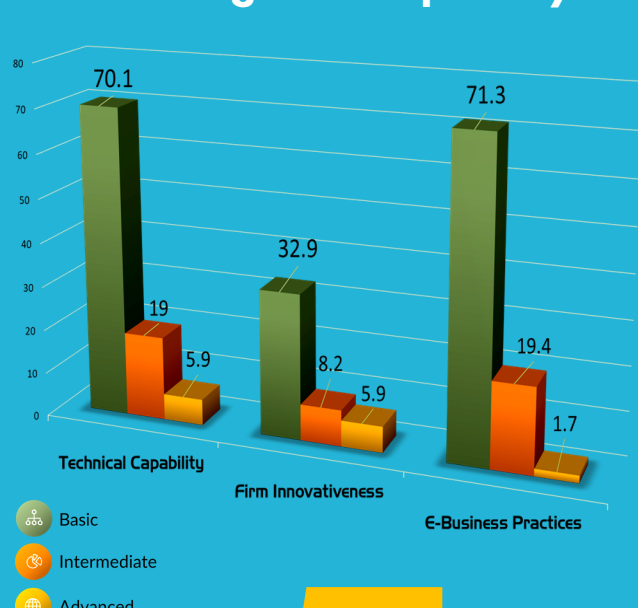
Adoption Landscape

2 Majority of the SMPs do not have the resources to adopt the latest technology and do not provide advanced IT services (including integration system services or IT advisory services) to their clients. SMPs view technology development and implementation as a significant challenge (high investment costs and insufficient knowledge).

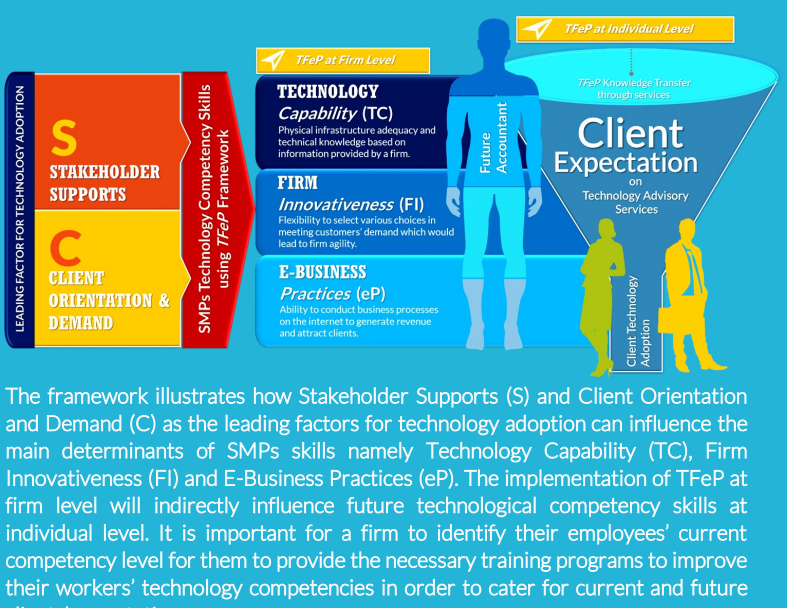
Summary of SMPs



Current Level of Technological Competency Skills



TFeP Framework for ASEAN SMPs



5 Key Findings from this Research

- Similar level of competencies possessed by the SMPs across different countries.
- SMPs in the ASEAN region possess only basic level of technological competency skills.
- SMPs utilise various free IT tools and platforms to facilitate their daily operations.
- SMPs view technology development and implementation as a significant challenge.
- ASEAN SMPs are ready to change their ways of doing business to suit the latest trends.

7 Ways Drive SMPs to the Future

- ENHANCE ROLE OF STAKEHOLDERS
- CONSIDER TFeP FRAMEWORK
- IMPROVE SMPs PERSONNEL's SKILLS
- ON-GOING TRAINING FOR ADVISORY SERVICES
- GOVERNMENT'S ROLE FOR MORE ADOPTION
- CONDUCT MORE AWARENESS PROGRAMMES
- SMPs SHOULD PREPARE AND READY FOR IR 4.0

Joint Research Collaboration with:



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