

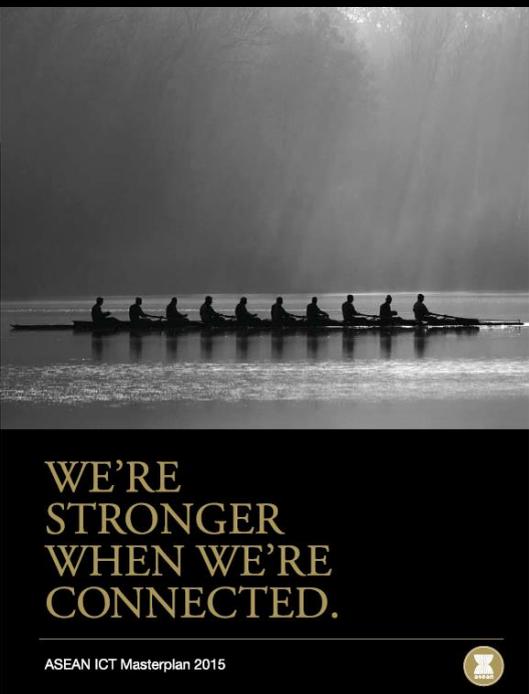
ASEAN ICT Skill Standards Definition and Certification Project Phase II

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Rational

- ❑ **ASEAN ICT Master Plan 2015**
Strategic Thrust 5: Human Capital Development
Initiative: 5.2 Develop skills upgrading and certification
- ❑ **Master Plan on ASEAN Connectivity**
Develop ICT Skill Standards Project : One among 15
Prioritized Projects for ASEAN Connectivity
- ❑ **Art 53** of the Agreement on Comprehensive
Economic Partnership Among Member States of the
Associate of South East Asian Nations and Japan

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Vision:

Towards an Empowering and Transformational ICT: Creating an Inclusive, Vibrant and Integrated ASEAN

Strategic Thrusts:

- Economic Transformation
- People Empowerment and Engagement
- Innovation
- Infrastructure Development
- Human Capital
- Bridging the Digital Divide

WE'RE STRONGER WHEN WE'RE CONNECTED.

ASEAN ICT Masterplan 2015

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Background of ASEAN ICT Skill Standards- Definition and Certification – Phase I

- A set of ICT skill standards and competency levels with respective definitions
- Certification approaches for the ICT skills standards
- Five areas of the study of ICT Skills :
 - Software Development
 - ICT Project Management
 - Enterprise Architecture Design
 - Network and System Administration
 - Information System and Network Security

What we have studied ?

- International best practices and standards on ICT skills development and Certification Approach such as Japan, England, Germany and European Community
- ICT Skill Standards within ASEAN
- Do analysis of the existing standards
- Organize ASEAN Workshop to Develop ASEAN ICT Skill Standards-Definition and Certification

ASEAN Workshop to Develop ASEAN ICT Skill Standards-Definition and Certification January 31 - February 1, 2013, Bangkok Thailand



Brunei, Cambodia, Indonesia, Malaysia, Philippines, Laos, Singapore and Thailand including Japan

Draft of ASEAN ICT Skill Standards and Definition Framework

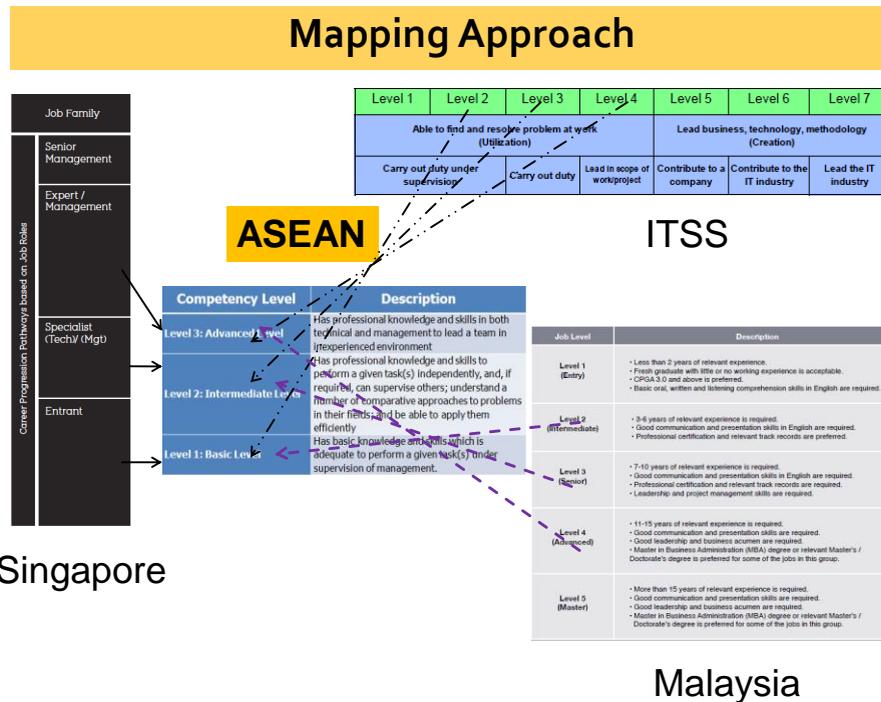
- Define the sub- areas under 5 areas of the study
- 3 competency levels, : Basic, Intermediate and Advance
- Use existing "definition" of skills from other frameworks, where possible. (Example of sources for definitions are ITSS of Japan)

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"Approaches to Certifications"

- Due to resource constraints, decided **not** to have ASEAN certification, but Accreditation instead
- Instead of issuing and maintaining exams papers, and organizing exams for all skills, we will accredit agencies or companies , who will in turn issue certifications for ICT skills
- AMS will only accredit and conduct periodically monitor those accredited parties to ensure their working standards

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Approaches to Maintaining Standards

- The first mapping between ASEAN ICT Skills Standard and what already existed in AMS is to map all current works to the ASEAN's standard.
- The mapping will be done by respective AMS themselves since they best know their own standard.
- The standard & mapping should be reviewed every 2-3 years.

Objective of Project Phase II

- Study the outcomes and recommendations from the project phase I on the mapping and accreditation approaches as well as Japan's experience in ICT skill standardization process
- Study two additional ICT skills : cloud computing and mobile computing in term of definitions and competency levels
- Study international best practices, existing relevant regulations, business requirements to develop a common framework for accreditation of skill certification bodies and establishment of Mutually Accepted ICT Skill Standards

Output

- A set of ICT skill standards and competency levels with respect to cloud computing and mobile computing
- A common framework to guide and establishment of Mutually Accepted ICT Skill Standards including accreditation approach of certification bodies among ASEAN

Project Plan

Activities	Month
Study "International best practices" with regard to: definitions, competency level, certification approach related to cloud and mobile computing as well as mutually acceptance of ICT skill standards, relevant regulations	1-2
Study/ Survey the Definitions, Competency level, certification approach related to cloud and mobile computing within ASEAN	2-4
Recommend a Common Mutually Accepted Skill Standards Framework and an approach of ICT skill certification bodies suitable to ASEAN	4-6
Circulate the draft study report to AMS to compile inputs/comments	6-7
Organize a workshop with representatives of all ASEAN members	8
Draft the Final Report and circulate to AMS for comments/inputs	9-10
Finalize the report	10-12 ¹³

Budget

▪ Consultant Costs	58,500	USD
▪ ASEAN Workshop (2 days) - meeting package, travelling expense from 9 countries	15,686	USD
▪ Publication and Distribution	1,500	USD
▪ Contingency 10%	7,418.60	USD
▪ Total	81,604.60	USD

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