

## 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

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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 )

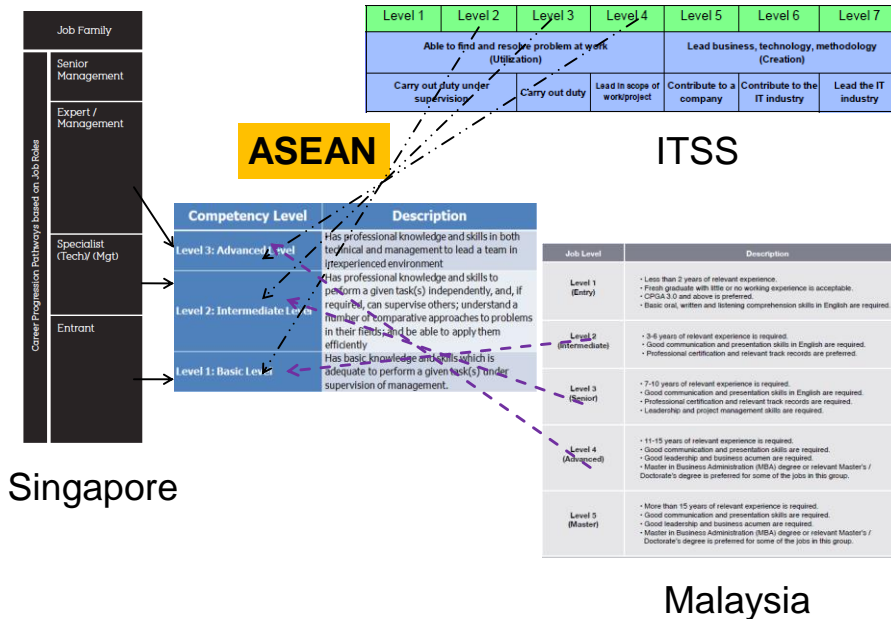
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## "Approaches to Certifications"

- 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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## Mapping Approach



## 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 <sup>13</sup>

## 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
■ <b>Total</b>	<b>81,604.60</b>	<b>USD</b>

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