

## Summary of SESSION 2

### I. Show & Tell Session (27<sup>th</sup> Afternoon)

#### 1. Mr.Lee-Republic of Korea

“How is the architect selected by the client”

Selection process, form of contract, fees structure, design team organization, building permit & approvals and works during construction are explained both in the case of private project and public project. The engineers from subcontractors perform design tasks of each part under instructions given by the architectural design firm.

#### 2. Mr.Sukada-Indonesia

“Changing Attitude of Housing Design in Indonesia”

Housing has been a prime national programme. Now design is becoming one of the key areas of concern that must be addressed properly in housing programme. Mr. Sukada presented some of the schemes submitted for the most recent housing design idea competition. The merits and demerits of the schemes were also explained.

#### 3. Mr.Ogawa –Japan

”Performance based Building Regulations”

The reasons why prescriptive regulations has been changed to performance based regulations are explained. Performance based regulations allow greater flexibility in the choice of material, construction methods and design approaches which encourage economic efficiency and international harmonization. The structural calculation methods, fireproof property verification method, evacuation safety verifications methods are introduced.

#### 4. Mr.Budiono-Indonesia

“National Building Regulations & Standards-Review and Improvement”

Indonesia did not have e proper national building by-law until the end of 2002. Although the draft of a national building regulation had been set up since 1964, it was only legalized on 16 December 2002. Indonesia and Australia had also signed a MOU on harmonization regulations and standards in 1996. In the year of 2002, Indonesia has managed to established 269 out of the 747 standards related to Public Works.

5. Mr. Sathian -Thailand

“Ministry Building Regulation Amendment on Structural Design”

The amendment of Ministerial Building Regulation No.6 is to improve the regulation for structural design. The purpose is to equalize it to other countries' codes such as UBC, ACI and ASCE, and also to catch up with construction technology innovation in the nation. The BCCB, an agency of Ministry of Interior, is responsible for the amendment.

6. Mr. Zaid -Malaysia

“Construction costs index in Malaysia”

The Construction Industry Development Board of Malaysia has developed building material cost index to measure changes in the cost of materials. The main purpose is to form a basis to reimburse contractor due to price fluctuation price and vice versa. Both labor cost index and machinery hire cost index will be also developed. Currently, 16 major materials which are further subdivided into 400 items are listed. The index for the public sector will be developed and the two indexes will be consolidated in future as the national cost index.

7. Ms. Tan - Malaysia

“Laws relating to housing and construction in Malaysia”

The building industry in Malaysia is one of the most regulated industries. There are many acts, laws and regulations formulated to control the entire delivery process to protect the quality of the built environment, safety and health of the public. The framework of the building process and details of various main acts including National Land Code, Town and Country Planning Act, Uniform Building By-Law etc were presented. The objective of the presentation is for it to be used as reference/benchmark to establish a minimum standard of good practice for the Asian region to foster closer tie within the Asian member country and to improve harmonization and mobility.

## II. Discussion as for Future Activities (28<sup>th</sup> Morning)

### **Objectives of Proposals and Projects**

- 1 To share and to exchange information between participating AF members relating to building industry
- 2 To establish target areas and to set up a detail data base for the information to be processed and analysed for bench marking for future formulation of best practices for the Asian Region

### **Methodology**

For Objective 1

To collect general information on the building delivery process of each AF member country

Coordinator : Japan (secretariat)

**For Objective 2 ;**

**AF to establish the target areas/areas of priority by this meeting**

**# Target areas and coordinating bodies:**

Japan – procurement/delivery methods

Malaysia – codes and regulations

Indonesia – Procedures/approvals relating to building project

Thailand – Organizations relating to building industry

**# Contact Points**

To establish the list of contact points for each AF member country;

Coordinator: Japan (Mr. Takahashi)