



# Project Proposal

## “CODES & STANDARDS”

Malaysia  
Ms. Tan Pei Ing  
[peiing@pc.jaring.my](mailto:peiing@pc.jaring.my)

# Objectives / Targeted Goal



**To establish a data base and to gather all the existing prevailing Act, regulation and standards from all member countries with the ultimate goal to set the bench mark for formulating best practices and standards for Asian Region**

# Project Description



1. All the AF members are required to compile their existing Acts, regulations and standards relating to the building industry on the entire building process, Covering the following 4 main stages :-

Stage 1 : Design

Stage 2 : Procurement

Stage 3 : Construction

Stage 4 : Operation maintenance

The information shall be submitted to Malaysia via PAM & CIDB as a central body to collate the information.

# Project Description



2. A committee to be formed comprising of members countries who are interest to participate.
3. Once the committee is formed, PAM/CIDB will disseminate all the collated information from all the countries to the committee members.
4. To arrange committee meetings on the following:
  - a. To review all the information collected from all member countries
  - b. To establish the bench mark to be adopted
  - c. To formulate minimum standards and best practices

The time frame will depend on the feed back from the member countries and the committee members.



# Strategy for Development of AF Yellow Page Network Project



Data /  
Information

## Benefit of the AF - YP

Data /  
Information

- Knowing **Building Industry Today** in AF Member Country ...
- Seeking Business Partner / Contact
- Learning from Other Country's Experiences, Practices, Systems  
(Best Practice / Benchmarking ...)

Data /  
Information

Data /  
Information



Data /  
Information

Data /  
Information

Step - by - Step approach  
is needed ...

Data /  
Information

Data /  
Information



## 1<sup>st</sup> Step;

### \* Each Member Country ...

... to establish “National Yellow Page” www site,

... on which, Members can **SEARCH** for necessary  
**Information Sources / Service Providers**

### \* AF Collaboration ...

... to develop

+ **Common Directory**, Classifying  
Categories of Information / Service,

+ inter - operative **Search Engine Software**

## Common Directory



- \* **Common “Key Index” for Search** is needed to seek matching, between ...
  - + “Information / Services expected to deliver”
  - + “Needs for Information / Services ”
- \* **“Natural Language Search”** is not suitable for the Purpose of **AF**, because ...
  - + Each Information Source is not necessarily written in **Common Language** (ex. English)
  - + Even in English, **Definitions of Specific Terms** applied **may VARY Country to Country**

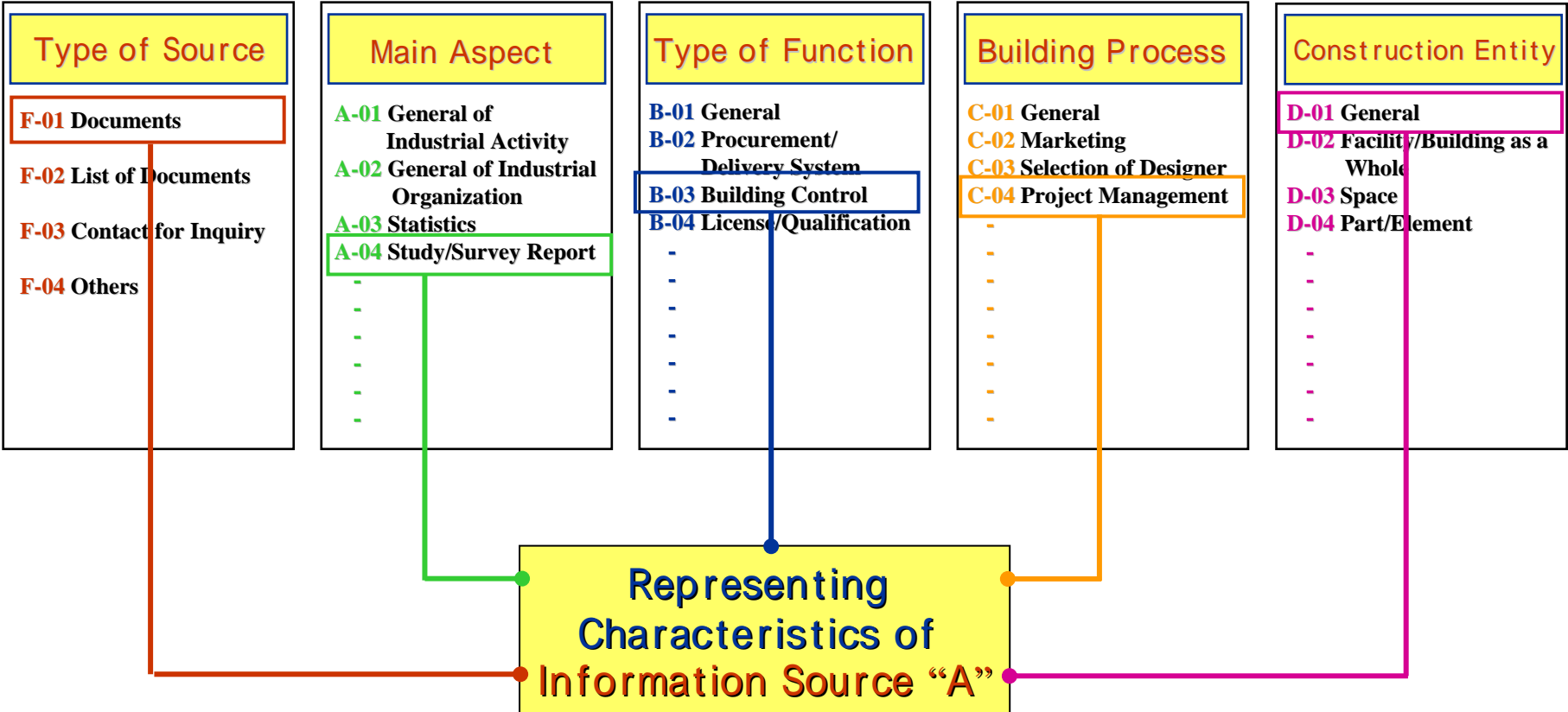


## Common Directory

- \* Therefore, a series of “Standard Key Index” is needed, for
  - + Representing relevant Characteristics of Information / Services, being registered in each National Yellow Page
  - + the AF Search Engine, to be incorporated in for each National Yellow Page
- \* However, One Information Source may have multi aspects in its Characteristics...
  - >> Faceted Index Structure to be applied

# Faceted Index Structure

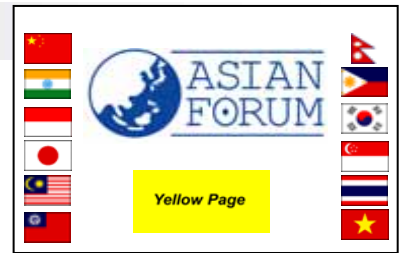
“Facets”



## AF Search Engine

- \* “Standard Key Index” should be used, for narrowing “Terms of Search”
- \* As Faceted Index Structure is employed, User of National Yellow Page may be allowed to Designate more than One Key Index, to set up Searching Conditions ...

◆ Form of Source	F-1 : Documents
◆ Type of Content	A-1 : General
◆ Related Business	B-4 : Building Control
◆ Building Process	C-6 : Design
◆ Construction Entity	D-6 : Material/Product



## 2<sup>nd</sup> Step;

### \* Each Member Country ...

... to Stimulate People / Bodies concerned  
(Private / Public) in each Construction Industry,  
so that they are willing to **Post** their data/  
information sources on **the “National Yellow  
Page” Site**

### \* AF Collaboration ...

... to Encourage Each Other, by exchange of  
experiences and tactics involved  
to enhance Member’s effort to stimulate  
people / bodies to be active to the AF Project

## Face - sheet




- \* **“Face - sheet”** should be prepared by **Information / Service Providers**
- + in Standard Format & **English**, with relevant **“Key Index / Indices”**
- + to be **POSTED** on **National Yellow Page Site**, and **All Posted Face - sheets** will be scanned while **“Search”** is conducting
- + to be connected to ...
  - # **“More Information”**(E - mail address, Tel / Fax)
  - # **“Linked www Site”** (URL, etc.)

# Face - sheet



## ◆ For Information Source

<b>Category of Information</b>	Documents
<b>Title / Name of Information</b>	<b>The Building Standard Law of Japan , June 2004</b>
<b>Outline of Information</b>	<p>This is an English translated building code of Japan. The Latest version reflects a major amendment of the Building Law between 1998 and 2000, resulting in a shift to a performance-based code. Also included is information relating to the "sick house" issues. Another major revision in 2000 resulted in the publication of many technical criteria in Ministry of Land, Infrastructure and Transport notifications. The Building Center of Japan has translated notifications related to structural and fire safety into English for inclusion in this publication.</p> <p>Size: A4 Pages: 809 Price: 31,500yen(tax included) Contents:</p> <ul style="list-style-type: none"> <li>*The Building Standard Law</li> <li>*The Building Standard Law Enforcement Order</li> <li>*The Building Standard Law Enforcement Regulation</li> <li>*The Ministerial Order Concerning Designated Qualifying Examination Body and Others based on the Building Standard Law</li> <li>*The Ministry of Land, Infrastructure and Transport Notifications</li> </ul> 
<b>Medium</b>	Hard copy
<b>Language</b>	English
<b>Contacts</b>	To purchase this, refer to the website of The Building Center of Japan: <a href="http://www.bcj.or.jp/en/03/01_03.html">http://www.bcj.or.jp/en/03/01_03.html</a>
<b>Contents Classification</b>	A06: Laws/Regulations (incl. supporting documents)

## ◆ For Service Provider

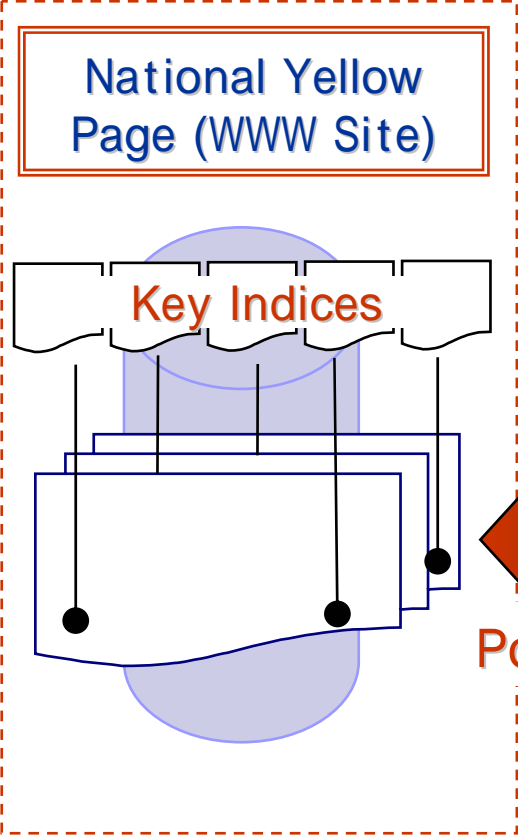
<b>Category of Information</b>	Architectural, Engineering & Consultant Firm
<b>Title / Name of Service Provider</b>	<p>Mitsubishi Jisho Sekkei Inc.</p> 
<b>Outline of Available Services</b>	<ul style="list-style-type: none"> <li>- Architectural &amp; engineering design and supervision</li> <li>- Consulting, design, and supervision of urban and regional development</li> <li>- Consulting, design, and supervision of environmental and civil engineering</li> <li>- Building renewal and construction management</li> </ul>
<b>More Detailed Info</b>	<ul style="list-style-type: none"> <li>* Architectural &amp; engineering design and supervision</li> <li>- Comprehensive service incorporating everything from planning, through to design and supervision of: offices, government buildings, finance sector facilities, office centers, factories, warehouses, distribution centers, research institutes, training venues, recreational facilities, dormitory and company accommodation, apartment buildings, commercial facilities, hotels, schools, hospitals, cultural facilities, leisure facilities, sporting facilities, and regional heating and cooling facilities.</li> <li>* Consulting, design and supervision of urban and regional development             <ul style="list-style-type: none"> <li>- Consulting, management, design, and supervision of urban re-development planning</li> <li>- Consulting, management, design, and supervision of residential development planning</li> <li>- Planning, consulting, management, design and supervision of resort development</li> <li>- PFI (Private Finance Initiative) consulting</li> </ul> </li> <li>* Consulting, design, and supervision of environmental and civil engineering             <ul style="list-style-type: none"> <li>- Design and supervision of civil engineering and harbor facilities</li> <li>- Design and supervision of earthworks and golf courses</li> <li>- Consulting on urban, transport, and environmental planning</li> </ul> </li> </ul>

# Summary of 1st & 2nd Steps

AF Yellow Page Site Organizer / Administrator  
(possibly AF Members / representatives)

with Concept, Benefit & "Key Index" Guide

Dissemination & Stimulation



Organizations, Firms, Individuals

"Face Sheet"

- ID;
- Summary;
- "More Information ...  
\*\*\*\*\*"
- Key Indices ;

- Publications
- Contac (e-mail, Tel ...)
- Link to own HP (http // :www. \* \* \* \*)
- etc.

Posting



## 1<sup>st</sup> + 2<sup>nd</sup> Step ...

- \* Each “National Yellow Page” & “Network” comes into Operation ! ...
  - ... AF Project Participants become enable to enjoy Powerful Tools, for seeking; Information / Partners, that are definitely Important for Business Collaboration in Asia
- \* The more the 2<sup>nd</sup> Step go forward, ...
  - ... the more AF Construction Industries can enjoy the Benefit of AF Project !



## Further Steps ...

- \* Step - up toward ...

Theme - specific “AF Thematic Project”

- \* utilizing the “AF Yellow Page Network” ...  
... as Common Information Platform.
- \* More challenging approach ... ?



# “AF Thematic Project”

## \* Examples ...

### # On-line Compendium of “Building Codes & Standards in Asian Countries”, for...

- + Understanding Construction Work Requirements,
- + Marketing for Building Products / Technology, and related Research & Development
- + Basis for G-to-G / I-to-I Cooperation toward Technical Harmonization in Asian Region

# “AF Thematic Project”

## \* Examples ...

- # Database of “Good / Best Practices” in specific field of Building Industry,
  - + Collecting Examples of Industrial Good Practices, predominant in each AF Country,
  - + Which are useful for other Counties to learn, or to use as a “Benchmark”, for improving Industrial Performance and/or Structures



# “AF Thematic Project”

## \* “Good / Best Practices” & “Benchmarking”

### # Design - related ...

- + Environmental / Sustainable issues in Building Code / Regulations
- + Briefing / Programming Practice
- + Design Standards / Guides
- + Design Documentation
- + Quality Management in Design Process

## “AF Thematic Project”

### \* “Good / Best Practices” & “Benchmarking”

#### # Procurement - related ...

- + Procurement system for Professionals / Consultants
- + Procurement system for Contractors (incl. Listing, Rating / Qualification system)
- + Form of Contracts / Delivery system (incl. Fairness of contract, Equity of risk)
- + Contract Documentation

# “AF Thematic Project”

## \* “Good / Best Practices” & “Benchmarking”

### # Construction - related ...

- + Site Safety Management
- + Standards and Specification for Material and Trades
- + Construction Management and Site Management
- + Quality Assurance / QMS & EMS
- + Skill Training Programmes
- + Measurable / Quantitative Quality Benchmark



# “AF Thematic Project”

\* “Good / Best Practices” & “Benchmarking”

# Operation & Maintenance - related ...

- + Maintenance of Buildings and Services
- + Control on change of Building Usage



## “AF Thematic Project”

### \* “Good / Best Practices” & “Benchmarking”

#### # General ...

- + Regulatory System governing Building Delivery System
- + Code of Conduct / Ethics, governing Professionals / Consultants, Clients, Contractors / Builders, Specialist Contractors, Suppliers, etc.

# Proposed Project Plan;



\* for 1<sup>st</sup> & 2<sup>nd</sup> Steps ...

... **AF Representatives** of Each Member Country jointly make efforts to establish ...

“**National AF Yellow Page**” portal site (1<sup>st</sup> Step)

... Disseminate the **concept and benefit** of “**AF Yellow Page Network**”, and **stimulate people/bodies** relevant to Construction,

... for promoting **their participate into the Project** (2<sup>nd</sup> Step)

\* **Progress Reports at the 5<sup>th</sup> AF Assembly**

# Proposed Project Plan;



- \* for 1<sup>st</sup> & 2<sup>nd</sup> Steps (cont.)...
- ... **Task Group**, to be establish to develop **Common Tools** for AF Yellow Page Network
- ... Call for **Volunteers** for TG
- ... **Tools** include;
  - + Classification/Directories for Information/Service
  - + Search Engine Software (or Specification)
- \* To be input for each **National Yellow Page** Portal Site Structure

# Proposed Project Plan;



- \* for “AF Thematic Project” ...
- ... **Target / Priority Area** to be identified  
(At the 4<sup>th</sup> AF Assembly, or through Internet Dialogues among AF Members...?)
- ... **Thematic Project Team** for each Target Area to be formulated tentatively, by interested Members (Some Teams may be set up at the 4<sup>th</sup> AF Assembly, if possible ...)
- ... **Preliminary Study**, to be implemented by each tentative Thematic Project Team

# Proposed Project Plan;



- \* for “AF Thematic Project” ...
- ... Project Progress Reports & further Project Plans, to be presented by PTs, at the 5<sup>th</sup> AF Assembly, for Formal Recognition and to invite more participating members
- \* in Near Future ...
- ... Each “AF Thematic Project” will convene a series of “AF Thematic Workshop”, in order to disseminate its “Fruits”, so as to vitalize each Building Industry further and further ...



## AF Yellow Page Network

For Vital Asian Building Industry  
& Best AF Cooperation ...