

2nd Asia Construction IT Round-Table Meeting

Ryosuke Shibasaki, Chair

Rm Laurel, Toranomom Pastral Hotel

2006-8-24, 25

2nd Asia Construction IT Round-Table Meeting, 2006-8-24, 25

Tokyo, Japan

“Draft” Meeting Minutes

1. Greeting from the Host

Dr. Shibasaki, chair of the meeting welcomed the participants, and introduced “Introduction; Collaboration of Asian Countries for Future Construction IT”.

Mr. Toyoda, President of JACIC welcomed the participants.

Dr. Sada, Chief Secretary of CCEIP, JSCE welcomed the participants.

2. Opening Plenary

The Opening Plenary was conducted from 9:40 to 9:55 by the Chairman.

All participants introduced them-self briefly.

3. Adoption of Agenda

The agenda (as follows) was adopted by unanimous consent.

Agenda of “2nd Asia Construction IT Round-Table Meeting, 2006-8-24, 25”

Aug.24 (Thu.) 9 :30 - 11:45	
Welcome	9:30-9:45
Chair of the meeting	
President of JACIC	
Chair of Construction IT Committee of JSCE	
Self-introduction of participants	9:45-9:55
Adoption of agenda	9:55-10:00
Activity report of JSCE	10:00-10:30
Break	10:30-10:45
Activity report of JACIC	10:45-11:10
National reports (Singapore)	11:10 11:50
(Dr. Evelyn Ai-Lin TEO)	
11:50 - 13:10	Lunch
13:10 - 17:00	
National reports (China, Korea)	13:10- 15:00
(Mr. Hao Li, Dr.Ma Zhiliang, Mr. Choi Won Sik)	
Summary of National Reports	15:00-15:30
Break	15:30-15:45
Action items from the previous meeting	
• Web site on International round table meeting for Asia construction IT (Dr. Shibasaki)	15:45-15:55
• Scope of construction IT (Dr. Minagawa)	15:55-16:30
• Collection of terminology, code and thesaurus on construction IT (Dr. Terai, Dr. Kim Inhan)	16:30-17:20

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Agenda of “2nd Asia Construction IT Round-Table Meeting, 2006-8-24, 25” (continue)

Aug.25 (Fri) 9:30 – 12:00	
Action items from the previous meeting (continue)	
• Activity of LCDM and potential overseas collaboration (Mr. Isobe)	9:30-10:20
• Break	10:20 -10:30
Invited talks on associated projects	
• Sentinel Asia (Mr. Moriyama, JAXA)	10:30-11:00
• Global Mapping Project(Mr. Sakabe, GSI)	11:00-11:30
• ITS; present status and directions of standardization (Dr. Yamada, MLIT)	11:30-12:00
12:00 - 13:00	Lunch
13:00 - 16:00	
Discussions on future activities	
• Registry, Terminology, Coding system	
• Publication of “data book” on Construction IT in Asia.	
• Outreach (sessions in international symposium, workshops)	
Others	

4. Activity Report from Japanese Delegation

Dr. Sada gave a presentation of “Activity Report of CCEIP, JSCE”.

Mr. Kamoto gave a presentation of “Japanese E-procurement in Construction Sector”.

5. National Report

Dr. Evelyn Ai-Lim TEO gave a presentation of “COstruction & Real Estate NET work in Singapore”.

Mr. Hao Li gave a presentation of “Recent Five-year-plan Research Projects of China Related to Construction IT”.

Dr. Ma gave a presentation of “The 11th Five-year plan on Technological Progress for Chinese Survey and Design Industry”.

Mr. Choi Won Sik gave a presentation of “Current Status and Progress of Construction CALS in Korea”.

6. Action Items from the Previous meeting

Action Items from the previous meeting were reviewed.

Chair introduced “web site on Asia Construction IT Round-Table Meeting”.
<http://shiba.iis.u-tokyo.ac.jp/acit2006/>

Dr. Minagawa gave a presentation of “Information Technology Applied in Civil Engineering Business”.

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All participants discuss about “Definition of Construction IT”. **The draft definition (as follows) was adopted by unanimous consent.**

Draft Definition of Construction IT

Construction IT handles information produced and used in the **phases of civil and building engineering** by making use of **information and communication technologies** in order to realize the **safer and more comfortable society** in an effective and efficient way.

Mr. Isobe gave a presentation of “Life Cycle Data Management System for Japanese construction field”.

Dr. Kim gave a presentation of “Generic AEC model”.

Dr. Kim Inhan gave a presentation of “Construction IT Terminologies and Language Neutral Definitions in Asia”.

Dr. Terai gave a presentation of “JCCS: Construction information Classification System in Japan”.

Dr. Terai gave a presentation of “JCCS”.

Dr. Tanaka gave a presentation of “Proposal from Japan Society of Civil Engineering”.

Dr. Yabuki gave a presentation of “Some input to the 2nd Asia Construction IT Round Table Meeting”.

7. Invited talks on associated projects

Mr. Moriyama, JAXA gave a presentation of “Sentinel Asia Project”.

Mr. Sakabe, **Geographical** Survey Institute gave a presentation of “Global Map –base map for disaster mitigation & environment protection for sustainable development-”.

Dr. Yamada, MLIT gave a presentation of “Present status and directions of Standardization in ITS”.

8. Review of new Action Items

New actions from the meeting were reviewed. The action item (as follows) was adopted by unanimous consent.

Action Items

- Revise the “ comparison table ” (**Chair / Secretariat**) ---**Annex B** contains old sets of “comparison table” in previous meeting.
 - Provide draft and circulate it for feedbacks.
- Provide draft of “ data book ” of Asia construction IT. ---**Annex C** is the table of content of “data book” in this meeting.
 - Based on the comparison table
 - Add references (URL, books/reports)
 - Add diagrams/picture to make it look attractive, if possible.
 - Web-based publication
- Collect and register terminology (and classification systems) (China, Japan and Korea)
 - For internal “ research ” use only.

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- As a “ starter ” for consistent system of terminologies and codes.
- Chair suggested establishing “Terminology WG” to Dr. Kim and Dr. Terai.(All interested person can participate)

9. Outreach

The Outreach strategy were considered by the delegates and edited in real time by Chair. Shibasaki on screen. Chair suggested introducing “3rd Asia Construction IT Round-Table Meeting” to **(Key-person)** at each meeting.

Outreach

- ICCCBE @Beijing, 2008 ---**(Dr. Tanaka)**
 - Session proposals to be made
- Publication of the data book
- Construction IT conference @ India, 2006 Nov.---**(Dr. MA, Mr. Yamashita)**
- CECAR@ Taiwan 2007 Jun.---**(Dr. Tanaka)**
 - Civil engineering conference in Asian region.
 - Paper due, 2007 Feb.
 - Abstract due 2006 Oct.
 - One of the key topics is standardization for construction IT.
- International conference on computing in civil engineering @CMU, 2007 Jun or July.---**(Dr. Yabuki)**

10. Future Meetings

Currently scheduled meetings are as follows:

3rd Asia Construction IT Round-Table Meeting – August 2007 – Japan

Respectfully submitted,

**ANNEX A to
2nd Asia Construction IT Round-Table Meeting Minutes
Participants & Delegates List
Tokyo, JAPAN**

China

Ma Zhiliang Department of Civil Engineering, Tsinghua University
Li HAO Information Center, Ministry of Construction

Japan

Ryosuke SHIBAZAKI Center for Spatial Information Science, University of Tokyo
Shigenori TANAKA Faculty of Informatics, Kansai University
Nobuyoshi YABUKI Department of Civil Engineering and Architecture, Muroran Institute
of Technology
Masaru MINAGAWA Department of Civil Engineering, Musashi Institute of Technology
Tatsunori SADA Chief Secretary, Committee on Civil Engineering Information
Processing, Japan Society of Civil Engineers
Hiroshi KOBAYASHI Director, International Office for Infrastructure and Economic
Affairs, Policy Bureau, Ministry of Land, Infrastructure and Transport
Harutoshi YAMADA Director, Research Center for Advanced Information Technology,
National Institute for Land and Infrastructure Management, MLIT
Fumihiko KANAZAWA Director, Information Technology Div., RCAIT, NILIM, MLIT
Norishige KUBO Chief, GIS Promotion Office, Geographical Survey Institute, MLIT
Tatsuo TERAJ Department of Architecture and Civil Engineering, Chiba Institute of
Technology
Junichi YAMASHITA President, International Alliance for Interoperability Japan
Association
Takeya ISOBE General Secretary, LCDM Forum
Takashi TOYODA President, Japan Construction Information Center
Minoru AKIYAMA Director, Standardization Department, JACIC
Minoru KAMOTO Director, e-Delivery Office, CALS/EC Department, JACIC
Shinichi SAKABE Geographic Department, Geographical Survey Institute, MLIT
Takashi MORIYAMA Japan Aerospace Exploration Agency

Korea

Inhan KIM Department of Architecture, Kyung-Hee University
Wonsik CHOI Construction Information Research Department,
Korea Institute of Construction Technology

Singapore

Evelyn Ai-Lin TEO Civil Engineering Department, National University of Singapore

Total 22

Observers 14

Mr. seong-sig Kim KICT, Korea
Mr. seok-woo JANG KICT, Korea
Kazunori TAMURA Japan Water Agency
Ryota SHIRAIISHI Japan Civil Engineering Contractors' Association, Inc.
Kazumasa ITO Japan Civil Engineering Consultants Association
Koichi TSUKAHARA Association of Precise Survey and Applied Technology
Ryoji IMAOKA JACIC
Yoshio UMEHARA JACIC

Masaru KAIZU	JACIC
Teruaki KAGEYAMA	JACIC
Okimichi SUZUKI	JACIC
Osamu KIKUCHI	JACIC
Taku MIYATA	JSCE
Shigenobu TACHIZUKA	TOKYO UNIV.

Staff 8

Akira UEYAMA	JSCE
Takahiko OZAKI	JSCE
Kakeru YAMAMOTO	JACIC
Yasushi KAWANAI	JACIC
Minoru TAKAO	JACIC
Tokoko KIMATA	JACIC
Shigeo MURAI	JACIC
Nobuyuki SUZUKI	JACIC

Press 3

NIKKAN KENSETSU KOUGYO
KENTSU
NIKKAN KENSETSU TSUSHIN