プレジデンシャルミーティング in 2nd CECAR

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4月に開催された2nd CECAR（第2回アジア土木技術国際会議）において，ACECC（アジア土木技術学協会連合協議会）加盟学協会の会長ならびにACECC理事会メンバーが集い意見交換をする，「プレジデンシャルミーティング」が企画され，次の合意が得られた．

（抄訳）

アジア地域には世界人口の60%が集中しており，今なお人口が増加を続けるこの地域にはさまざまな問題が潜在している．水道，電気，ガス，交通，住居など生活の基本的なインフラの整備，また，都市の肥大化に伴う廃棄物処理，環境汚染，交通渋滞の問題，さらには地震，洪水，津波，台風，土砂崩れ，火山活動などの自然災害まで広範囲にわたる．これらの問題解決には，高度な技術力，安定した資金に支えられた計画的なインフラ整備と，その効率的な運用，維持管理が必要であるので，われわれ土木技術者が21世紀のアジア地域の持続的発展成否への鍵を握っているといえる．現に世界最大の名を誇る数多くのインフラがアジアに存在している．今後は，公共部門と民間部門が手を組んで十分な資金を確保していくことが重要な課題である．

ACECCはこれまでその理念に基づき，アジア地域のおいて技術者レベルでのネットワークの構築に貢献してきた．ACECCの加盟学協会が増加することは，今後さらに学協会相互間の情報交換を活発化し，交流・協力関係を促進させる．将来は地域の国際機関とも協力して，アジアを持続的発展に導くことを目指している．

各学協会長は，この先取り組むべき問題とその解決方法について行動計画案を策定し，2001年10月ソウルで開催されるACECC理事会で議論することで合意に達した．

Summary Report of Presidential Meeting
Tuesday, 17 April, 2001

The 2nd Civil Engineering Conference in the Asian Region has provided us a unique opportunity for Presidents of all the Asian Civil Engineering Coordinating Council members to meet and share civil engineering technologies and construction management processes that will advance our civil engineering practices. All the Presidents and the members of the ACECC Executive Committee exchanged our views and opinions about various issues of infrastructures and about our profession, including global issues of environment and sustainable development, the rapidly emerging discipline of information technologies, and their implications to civil engineering practice, the unique characteristics of population growth in the Asian region and its great impact on the need for more cost effective infrastructure development, and the role of ACECC and future collaboration among the ACECC members. Here are some of the key points summarizing the Presidential Meeting.

We all recognized unique features in the Asian region, characterized by tremendous population growth with 60% of the world's population. Population growth poses potential challenges for infrastructure development. In some areas there are desperate needs for life supporting infrastructures such as water supply and energy facilities, transportation and housing. Population growth also leads to intense population concentration, creating many big cities throughout the Asian region, which suffer from typical urban problems such as demands for housing; energy; environmental services such as waste disposal, clean air and water; improved transportation systems to reduce heavy traffic congestion; improved design and construction practices to better resist the effects of natural disasters, such as earthquake, flooding, tsunami, typhoon, landslide and volcanic activities. It is our responsibility to offer data, information, and processes that can serve as the technical basis to help

solve these challenges.

Through improved technologies, the expanding population has greater opportunities to achieve prosperity in the future, but only if well planned infrastructures with stable investment, effective management and careful maintenance are provided. Thus we, all the Presidents, shared the view that the profession and the discipline of civil engineering must play a key role in determining whether Asia continues to suffer from the potential problems or Asia enjoys prosperity in the 21st century. The Presidents also agreed that infrastructure issues are global in nature. One geographic region is no longer independent of another.

We also recognized that many of the world's largest infrastructures have been constructed in Asia. The tallest building, the largest shopping mall, the longest suspension bridge, the largest offshore reclamation, the largest airport, the longest tunnel, the largest diameter shield tunnel, the fastest railway are all in Asia. Asia is a showcase of high technologies in construction industry. These high technologies can only be available when secure funding and stable investment is provided. One of the biggest obstacles for infrastructure development in Asia and the world is securing sufficient funding. Thus, we recognized that public and private sector partnership is of importance to encourage investment for infrastructure development in the Asian and world regions.

ACECC's objectives are to

- promote and advance the science and practice of civil engineering and related professions for sustainable development in the Asian region,
- encourage communication between persons in charge of scientific and technical responsibility for any field of civil engineering,
- improve, extend and enhance such activities as infrastructure construction and management, preservation of the precious environment and natural disaster prevention,

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- foster exchange of ideas among the member societies/institutions.

We confirmed that ACECC is an ideal vehicle to provide the data, information and processes that will improve civil engineering design, construction and management processes. We must make full use of the ACECC's potential.

We agreed that the creation of ACECC has been effective in networking on an individual engineer basis in this region and also in exchanging information of new technologies. We considered that further expansion of ACECC membership will be beneficial in fostering mutual trust and collaboration by sharing limited resources to solve common challenges. We considered that a possible future role of ACECC is to work closely together with multi-lateral organizations such as the Ministers' Forum on Infrastructure Development in the Asian-Pacific Region, and the Infrastructural Dialogue under APEC framework.

We agreed that ACECC should address its role in promoting sustainable development practice in civil engineering by securing as a leader in education and establishing its own policy framework for sustainable consumption.

We are all concerned about the future of the construction industry and our profession. The civil engineering profession, which we are proud of, is the profession of the creation of environment, the creation

of culture, the creation of beauty, and the creation of a better quality of life for people at present and in the future. Human beings have a right to enjoy a better quality of life and civil engineering profession can provide it. We must make a great effort to disseminate clear messages to the next generation about the opportunities and challenges facing the civil engineering profession.

Finally, the Presidents agreed that the enthusiasm generated during the meeting must not be lost. We agreed to create an operational plan to identify specific problems that need to be addressed, and approaches to develop solutions. The draft plan will be created by a subcommittee working under the direction of ACECC Secretary General. It will be circulated to all the Presidents for their comments by 30 June, 2001. A proposed Action Plan will be drafted for discussion at the fifth Executive Committee Meeting of ACECC in October, 2001.

The 2nd CECAR is just a beginning toward realizing our goal to develop and make known, improved design and construction practices that ultimately will lead to an improved quality of life for all our citizens. We are convinced that we have made an excellent start.

List of Attendees

American Society of Civil Engineers

1. Mr. Robert W. Bein, ASCE President
2. Mr. James E. Davis, ASCE Executive Director
3. Dr. Alfred Ang, International Director, ASCE
4. Mr. Noel Raufaste, Managing Director, Technical and International Activities, ASCE

Chinese Institute of Civil and Hydraulic Engineering

1. Dr. John Chien-Chung Li, President, CICHE
2. Dr. Jenn-Chuan Chern Ph. D., Executive Director, CICHE
3. Mr. Wan-Ning Liu, Chairman, International Activities Committee, CICHE
4. Mr. C. Y. Chu, Secretary General, CICHE

Korean Society of Civil Engineers

1. Dr. Kwang-Il Kim, KSCE President
2. Dr.Chun-Su Chon, Vice President, KSCE
3. Dr. Sung-Wan Hong, Director, KSCE

Philippine Institute of Civil Engineers

1. Mr. Efren H. Sison, President, PICE
2. Mr. Bashir D. Rasuman, Past President and Chair of the International Affairs Committee(IAC), PICE
3. Mr. Peter N. Aventajado, Treasurer, PICE
4. Ms. Nannette C. Villanueva, National Administrative Officer, PICE

Vietnam Construction Association

1. Dr. Nguyen Truong Tien, Member of the Executive Board, VCA

The Institution of Engineers, Australia

1. Mr. Andrew McIntyre, Out-going Chairman of the Civil College of the IEAust
2. Mr. Paul Mitchell, In-coming Chairman of the Civil College of the IEAust

Japan Society of Civil Engineers

1. Mr. Michio Suzuki, President
2. Dr. Hiroshi Okada, ACECC President
3. Mr. Asao Yamakawa
4. Mr. Takeo Nakamura
5. Dr. Fuminao Okumura, LOC Secretary for General Affairs

ACECC

1. Dr. Osamu Kusakabe, ACECC Secretary General
2. Ms. Emiko Serino

ACECC website:http://www02.u-page.so-net.ne.jp/tg7/acecc/