

Building Stronger Alliance in Asia Pacific Nanotechnology

-Summary of the 2nd Asia Nano Forum Summit (ANFoS2005) Held on Dec.8-10th 2005, Geelong, Australia-

The 2nd Asia Nano Forum Summit (ANFoS2005) held on Dec. 8-10th in Geelong (near Melbourne Australia) was a great success and ANF has reached another milestone developing into a formal organization which will be incorporated as Non Government Organization (to be incorporated in Thailand and operate across Asia Pacific region, managed by ANF network organizations in its member economies).

The event participated by 60 invited and high level representatives from 13 ANF network economies and invited observers from South Africa and USA. The 2nd ANF Summit was organized with the motivation of creating an opportunity to set the strategic and economic directions for nanotechnology within the Asian region for the next decade and to decide on the incorporation of the current network organization into a formal organization. The event was co-organized and sponsored by the Japanese National Institute of Advanced Industrial Science and Technology (AIST), Australia Commonwealth Scientific & Industrial Research Organization (CSIRO) and Australia Victorian State Department of Innovation, Industry and Regional Development. The Australia Victorian State government has been taking the leadership in building infrastructure and providing financial support to ensure that Victoria become the key center for nanotech R & D and commercialization in the Asia Pacific region. It offered to host ANFoS2005 in the beautiful seaside of Geelong 100km from its capital Melbourne City in order to showcase its vision and world class R & D, and industry/business readiness for nanotechnology.

The summit consisted of 6 Sessions including Session 1- Briefing of Regional Nanotech Update, Session 2- Education & Workforce Training in the Asian Region, Session 3- Global Nano Networks, Session 4- Standardization of Nanotechnology and Risk Assessments, Session 5- Development and Industrialization of Nanotechnology in Asia, and Session 6- Future of Asia Nano Forum.

The consensus was reached that Asia Nano Forum has been important and will be even more vital as a common platform in Asia Pacific nanotech space in terms of information sharing, education/training, regional and global network building, Infrastructure sharing, establishing nanotech standardization, safe and risk assessment and management, industrialization and economic development in developing and development countries and so on. ANF has been also recognized as a vital instrument for ensuring nanotechnology would benefit the developing world.

The program was designed to allow all participants from 13 network economies to consider more specifically the role and impact of ANF as an organization should have within the Asian and global community. The emerging important global issues in nanotechnology such as education, standardization, risk assessment and responsible development need to be addressed within ANF, and economic impact of nanotechnology needs to be identified. The summit provided a unique opportunity for high level personnel from government, academia and industry in the Asia Pacific region to share their views and identify mechanisms within the Asia community for establishing close

coordination and cooperation. All the sessions were prepared with Session Notes for all participants to consider and prepare their recommendations and comments on the issues of common interest. Four working groups emerged from the summit, they include:

1. Education & workforce training Chaired by T.K. LEE (Taiwan)
2. Research & Infrastructure Networks Chaired by HALIMATON Hamdan (Malaysia)
3. Standardization, risk assessment & Safety Chaired by K.W. LIM (Singapore)
4. Business & commercialization of Nanotechnology chaired by Ka-Ming NG (Hong Kong)

Details on the ANFoS2005 programs and presentations can be found at ANF website www.asia-nano.org under ANF Events and News in the Australia site.



Group Photo of the ANF Sub-committee with the The Hon Andre Haermeyer, Minister of Manufacturing and Export, State Government of Victoria, Australia, who gave the Keynote Speech at the Opening of ANFoS2005.



Snapshot of the summit audience.



Dr Kazunobu Tanaka (Founding Chairman of ANF) giving introduction and summit objective.



Dr Terry Turney (ANFoS2005 Chairman) Briefing on the Australian Nanotech Update after giving introduction and summit objective



Session 3 on Global Nano Networks chaired by Dr Masahiro Takemura (Japan, left) and Jane Niall (Australia, right)



Dr Lerwen Liu (Executive Coordinator of ANF) presenting the Nanotech Regional Overview



Session 4 – Standardization of Nanotechnology and Risk Assessments chaired by Dr Akira Ono (Japan, left picture) and Dr Chen WANG (China, far right) a Panel of speakers including guest speaker Andrew Maynard (USA, far left) and ANF representative speakers such as Greg Tegart (Australia, 2nd from the left), Dr Aton Ariffin (Malaysia, 3rd from the right), Dr T.T. Su (Taiwan, second from the right).



Dr Hiroshi Yokoyama presenting the Nanotechnology for Manufacturing Revolution – Towards Minimal Manufacturing at Session 5 – Development and Industrialization of Nanotechnology in Asia.



Mr Ken King, Chairing the Summary and Outlook on Industrialization Cooperation among ANF Economies at Session 5.



Ms Wan Zaharah presenting the Malaysia Proposal for ANF Headquarter



Dr K.W. Lim presenting Singapore's Proposal for ANF Headquarter.



Dr Nick Teerachai presenting Thailand's Proposal for ANF Headquarter



ANFoS2005 Dinner on Day One where Dr Aton Ariffin presenting a dinner speech on behalf of the Malaysia Minister Jamaludin.