2016 Tangerang Selatan Global Innovation Forum

Theme: Innovation for Sustainable Development
Date: 20 - 23 September 2016
Venue: PUSPIPETEK, Tangerang Selatan, Indonesia
Organizer: World Technopolis Association (WTA), UNESCO, Tangerang Selatan City, Ministry of Research, Technology, and Higher Education (RISTEKDIKTI) of the Republic of Indonesia
Partner: Indonesia Institute of Technology (ITI)

I. OPENING SESSION
- Opening Ceremony
- Keynote Speech

"Role of University to Support Regional Innovation: Case Study Chungnam National University"

Prof. Deog-Seong Oh
- President of Chungnam National University, Republic of Korea
- Former Secretary General of World Technopolis Association
- Member of the UNESCO High Panel on Science for Development (HPSD)

"Innovation Based on Role of University to Increase Competitiveness"

Prof. Dr. Ir. Herry Suhardyanto
- President of Bogor Agriculture University (IPB), Indonesia
II. PLENARY SESSION

Plenary Session 1: STP Policies: Academia-Industry-Government Collaborations’ Context

Science and Technology Park (STP) is one of the tools to encourage innovation and interaction among academia, business, government, and community (quadro helix). STP plays a key role in the economic development through a dynamic and innovative mix of policies, programmes, quality space and facilities, and high value-added services. Moreover, STP contributes in improving the competitiveness and regional economy on the basis of innovation, resources, and knowledge of local area. Nevertheless, the development of STP needs policy support from the central government and local governments. The growth of STP can be fostered through collaboration with other governments, especially the neighbouring countries. The concept of STP is essential not only to disseminate the knowledge but also to promote partnerships with various parties. The session will discuss the roles of government in supporting the development of STP, strengthening the innovative networks among the triple helix elements (academia, business, government) and the roles of STP in increasing economic competitiveness within the framework of regional innovation systems, and sharing experience in developing STP.

Keynote Speech:

"Developing Regional Innovation System to Trigger Regional Competitiveness"

Prof. David Ferguson
Academic Chair of the Department of Technology & Society,
College of Engineering and Applied Sciences, SUNY Stony Brook,
USA

Panel Speakers:

- **Prof. Eberhard Becker**, Former Rector of TU Dortmund, Germany
  "Linkage among Triple Helix in Developing STP: Case Study Dortmund University"

- **Prof. Dr. Agus Sartono**, Deputy of Coordinating Ministry of Human Development and Culture (PMK) (TBC)
  "Indonesia Government Policy to Develop 100 STPs"

- **Mr. Franky Sibarani**, Head of Indonesia Investment Coordinating Board (BKPM)
  “Investment Strategy to Support Research and Innovation in Indonesia”

Moderator: **Dr. Idwan Suhardi**, University of Indonesia
Plenary Session 2: Entrepreneurship Development: SMEs’ Context

The world economy is now largely supported by the contributions of entrepreneurs who has been creating thousands of Small and Medium Enterprises (SMEs). To foster the development of SMEs, especially the innovation-based SMEs, it needs support from various stakeholders such as government and large industry. The Governments could create a favourable business climate by providing funding support, complimentary policies, and facilitate the product improvement through the use of innovative technology. The increasing number of SMEs innovation-based could lead to higher competition and at the end it will improve the regional economy. In addition, the development of SMEs could promote networking and partnerships within the country and overseas. The session will provide a thorough overview of the SMEs in the framework of innovation-based regional economic development.

Keynote Speech:

"Role of Research Park to Support SMEs: Case Study UK"

Prof. Michael Luger
• Director of Manchester Business School, UK

Panel Speakers:
- Dr. Inje Cho, CEO of ActnerLab Co., Ltd., Republic of Korea
  in association with Dr. Hoonje Cho, COO of Makersvill, Republic of Korea (TBC)
  "Government Strategies to Develop SMEs Based Technology"

- Mr. Nadiem Makarim, Founder and CEO of Go-Jek, Indonesia (TBC)
  "Social Entrepreneur: Urban System Transportation"

- Mr. Roderick Purwana, Sinar Mas Digital Ventures, Indonesia (TBC)
  "Venture Capital to support SME development - Case Study Sinar Mas"

Moderator: Dr. Bambang Setiadi, Head of National Research Council, Indonesia

Plenary Session 3: Innovation Clusters and Sustainable Development

Innovation cluster is a tool to boosting regional economic growth where public and private sectors can meet and interact to develop ideas, innovate and bring it to the market. In the context of sustainable development, innovation cluster become an accelerator to foster knowledge and innovation by integrating the environmental, social, and economic elements. There are many innovation clusters that have been driven by local knowledge and young innovators leading to improving the regional economy. The session will provide knowledge on the innovation cluster development
policy, innovation cluster role in sustainable development, and how to strengthen the innovation cluster networks to boost local economic growth.

Keynote Speech:

"How to Build Innovative SME in Developing Country"

Dr. Raimund Broechler
- Vice President of International Network for SMEs (INSME)
- Senior Delivery Manager of INTRASOFT Intl. S. A., Luxemburg

Panel Speakers
- Prof. Fred Young Phillips, Distinguished Professor of Yuanze University, Taiwan in association with Prof. Deog-Seong Oh, President of Chungnam National University, Republic of Korea
  “Sharing Knowledge: Developing Innovation Cluster for Sustainable Development in Taiwan”

- Atty Suharti Tochija, SE, Mayor of Cimahi (Baros Innovation Cluster), Indonesia (TBC)
  "Implementing Innovation Cluster in a Developing Country"

- Dr. Khoirul Anwar, Researcher, Japan Advance Institute of Science and Technology (TBC)
  "Sharing Experience: Creating Industry-Based Innovation"

- Dr. (HC). Martha Tilaar, Founder and CEO of Martina Berto, Indonesia (TBC)
  "Elevating Traditional Products to the Global Market"

Moderator: Marga Alisyahbana PhD, Vice President of the Indonesia Institute of Technology

III. THEMATIC SPECIAL SESSION

Thematic Special Session A: Smart City Development

Many cities in the world are facing the high rate of urbanization which bring subsequent problems such as waste management, equality in education and economic services, reliable public transportation, and access to health services. There is a need for innovative and smart urban planning concepts to overcome such problems. Smart City is a concept that explores “smart” way in facilitating the public to have better access through innovative information technology to the government services in economy, environment, education, health and other social services. The forum will share knowledge and experience on the development of smart cities in several countries.
Speakers:

- **Prof. Sang-Ryong Cha**, Professor of Nakasakki University, Japan
  "Innovation in Urban Planning to Support Social Welfare"

- **Airin Rachmi Diany, SH., MH.**, Mayor of Tangerang Selatan, Indonesia
  "Challenges to Develop Tangerang Selatan as Smart City"

- **Ir. Ridwan Kamil**, Mayor of Bandung, Indonesia (TBC)
  "Challenges to Develop Bandung as Smart City"

- **Dr. Zulkieflimansyah**, Member of the House of Representatives, Indonesia
  "Strengthening Innovation Capacity to Support Smart City Development"

Moderator: **Dr. Kusmayanto Kadiman**, Former Minister of Research and Technology of Indonesia

**Thematic Special Session B: Creative Economy and Green Business**

The growing of creative economy is aligning with the development of information technology which lead to the expansion of creative industries based on local culture and science. Creative economy is not only about the creation of economic added value but also the creation of added value in social, cultural, and environmental aspects. The development of renewable resources and technology innovation could support creating creative economic opportunities through the growing creative industries. In the era of sustainable development, the concept of green business is emerging as one of the creative industries. To stimulate creative economy opportunities, it has to be supported by the universities in improving the quality and quantity of human resources. The forum will elaborate the concept of green business strives to bring positive impacts to the economy, environment and community.

Speakers

- **Dr. Ilkka Kakko**, Founder and Partner of Karostech Ltd., Finland
  "How to Elaborate Creative Innovation into Economy"

- **Prof. Byung Joo Kang**, Secretary General of WTA
  "How to Develop Creative Economy Cluster to Support Regional Economic Growth"

- **Mr. M. Ihsan Akhirulsyah**, Chief of Financial Officer, eFishery, Indonesia
  "Developing Creative Economy Based on Innovation Fishery"

- **Mr. Triawan Munaf**, Head of Creative Economy Board, Indonesia (TBC)
  "Creativity and Innovation as Keys for Economic Growth"

Moderator: **Prof. Dr. Sudarso Kaderi Wiryono, DEA**, School of Business and Management, Bandung Institute of Technology
IV. ASSOCIATE EVENTS

- WTA General Assembly
  - 10th WTA General Assembly
  - 30th WTA Executive Board Meeting
  - WTA Mayors' Forum
  - WTA University Presidents' Forum
- UNESCO-WTA Asia Pacific Regional Training Workshop
- Hi-Tech Fair: international exhibition to build a strong network between innovation leaders and hi-tech businesses

V. PARTICIPANTS

Total of Participants: ± 1000 persons, consist of:
1. Members of WTA
2. Universities
3. Research institutions
4. Industries
5. Central Governments
6. Regional Governments (APEKSI/APKABSI)
7. Representative of Related Countries
8. Communities

- 10th WTA General Assembly (WTA Member)

<table>
<thead>
<tr>
<th>No.</th>
<th>Member</th>
<th>City/Organization name</th>
<th>Country</th>
<th>Job title</th>
<th>Name</th>
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<tbody>
<tr>
<td>1</td>
<td>Abubakar Tafawa Balewa University</td>
<td>Nigeria</td>
<td>Vice Chancellor</td>
<td>Saminu Ibrahim</td>
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<td>2</td>
<td>Antonio Narino Univ.</td>
<td>Colombia</td>
<td>President</td>
<td>Marta Losada Falk</td>
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<td>3</td>
<td>Chungnam National University</td>
<td>Republic of Korea</td>
<td>President</td>
<td>Deog-Seong Oh</td>
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<td>4</td>
<td>Daejeon Metropolitan City</td>
<td>Republic of Korea</td>
<td>Mayor</td>
<td>Sun-Taik Kwon</td>
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<td>5</td>
<td>Future University</td>
<td>Sudan</td>
<td>President</td>
<td>El Tayeb Mustafa</td>
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<td>6</td>
<td>Hefei</td>
<td>China</td>
<td>TBD</td>
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<td>7</td>
<td>International Network for SMEs</td>
<td>-</td>
<td>Vice President</td>
<td>Raimund Broechler</td>
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<td>8</td>
<td>McAllen</td>
<td>USA</td>
<td>Mayor</td>
<td>Jim Darling</td>
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<td>9</td>
<td>McAllen</td>
<td>USA</td>
<td>President</td>
<td>Keith Patridge</td>
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<td>10</td>
<td>PUSPIPTEK</td>
<td>Indonesia</td>
<td>Head</td>
<td>Sri Setiawati</td>
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<td>Souphanouvong University</td>
<td>Lao P.D.R</td>
<td>President</td>
<td>Khamphay Sisavanh</td>
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<td>12</td>
<td>South Tangerang City</td>
<td>Indonesia</td>
<td>Mayor</td>
<td>Airin Rachmi Diany</td>
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- **VVIP Invitation**:
  1. Director General of UNESCO
  2. Minister Prof. Ashraf El Shiehy - Minister of Higher Education and Scientific Research Egypt
  3. Ambassadors of Related Countries

- **University President's Forum**
  1. Bogor Agricultural University (IPB)
  2. University of Gadjah Mada (UGM)
  3. Bandung Institute of Technology (ITB)
  4. University of Airlangga
  5. University of Brawijaya
  6. University of Andalas
  7. University of Kutai Timur
  8. University of Hasanudin
  9. University of Udayana
  10. University of Papua
  11. Institute Technology of Indonesia
  12. University of Pamulang
  13. University of Multimedia Nusantara
  14. University of Indonesia
  15. University of Padjadjaran
  16. University of Diponegoro
  17. Institute Technology of Sepuluh Nopember
  18. University of Islam Negeri Jakarta
  19. University of Muhammadiyah Jakarta
  20. University of Sahid
  21. University of Bina Nusantara
  22. University of Pembangunan Jaya
  23. Swiss German University
  24. Surya University
  25. University of Pelita Harapan
  26. University of Negeri Jakarta
  27. University of Suryakancana
  28. University of Sultan Agung Tirtayasa
  29. University of Katolik Atmajaya
  30. STMIK AMIKOM Yogyakarta

- **Asean**:
  1. Universiti Sains Malaysia (Malaysia)
  2. Silliman University (Filipina)
  3. Nanyang Technological University (Singapore)
  4. Ho Chi Minh City University Of Technology (Vietnam)
  5. Asian Institute Of Technology (Thailand)
Others:

1. Korea Advanced Institute Of Science And Technology/Kaist (Korea Selatan)
2. Chinese Taipei/the National Chiao Tung University (China)
3. Technical University Of Dortmund (Germany)
4. University Of Antonio Narino (Colombia)
5. National University Of Sciences & Technology (Pakistan)

• Mayor Forum

1. Taipei
2. Daejeon
3. Gliwice
4. Ipswich
5. Sapporo
6. Bangalore
7. Penang
8. Uppsala
9. Isfahan
10. Solo
11. Bandung
12. Surabaya
13. Bantaeng
14. Pekalongan
15. Cimahi
16. Kaur
17. Sragen
18. Banyuwangi
19. Batam
20. Bogor
21. Pelalawan
22. Yogyakarta
## Daily Timetable (tentative)

<table>
<thead>
<tr>
<th>20th SEP (TUE)</th>
<th>21st SEP (WED)</th>
<th>22nd SEP (THU)</th>
<th>23rd SEP (FRI)</th>
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<tr>
<td><strong>WTA General Assembly</strong></td>
<td><strong>UNESCO-WTA Regional Workshop</strong></td>
<td><strong>Tangsel Global Innovation Forum</strong></td>
<td><strong>WTA General Assembly</strong></td>
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<td>08:00-08:30</td>
<td>Registration</td>
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<td>09:00-09:30</td>
<td>Opening Ceremony (GWB 1002) (Pak Patdono, UNESCO, WTA)</td>
<td>Opening Ceremony (Auditorium GWB)</td>
<td>Plenary Session 3 (Auditorium GWB)</td>
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<td>09:30-10:00</td>
<td>Keynote Lecture (GWB 1002)</td>
<td>Keynote Lecture (GWB 1002)</td>
<td>WTA Mayor's Forum (1001, Md Sized)</td>
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<td>WTA Mayor’s Forum (1001, Md Sized)</td>
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<tr>
<td>10:30-11:00</td>
<td>Break</td>
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<td>11:00-11:30</td>
<td>Academic Lecture (GWB 1002)</td>
<td>Plenary Session 1 (Auditorium GWB)</td>
<td>Plenary Session 2 (Auditorium GWB)</td>
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<td>12:30-13:00</td>
<td>Lunch</td>
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<td>13:30-14:00</td>
<td>GIF Organizing Committee Meeting (2005 - Executive seat 25; each mic for seat)</td>
<td>Academic Lecture (GWB 1002)</td>
<td>Thematic Special Session A (Auditorium GWB)</td>
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<td>14:30-15:00</td>
<td>Working Group Discussion</td>
<td>Thematic Special Session B (Auditorium GWB)</td>
<td>WTA University Presidents Forum (1001, Md Sized 100)</td>
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<td>15:00-15:30</td>
<td>Closing Remark</td>
<td>WTA University Presidents Forum (1001, Md Sized 100)</td>
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<td>15:30-16:00</td>
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<td>Launching Ceremony UN/ESCO Science Report</td>
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<td>Launching Ceremony WIPO Report</td>
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<td>16:30-17:00</td>
<td>Plenary Session 2 (Auditorium GWB)</td>
<td>WIPO Report</td>
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<td>WIPO Report</td>
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<td>19:00-19:30</td>
<td>Welcome Reception (Football Field)</td>
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