

2006 UNESCO-WTA Cooperative Project

International Training Workshop on High-tech Clusters in Global Context

Daejeon, Rep. of Korea 6-10 November 2006



■ Message from the WTA President

I am delighted the 2006 UNESCO-WTA International Training Workshop on "High-tech Clusters in Global Context"- is being held in Daejeon, Republic of Korea, from 6 to 10 November 2006, as the first program of the UNESCO-WTA Cooperative Project (2006-2010). This workshop will feature important topics and presentations for science city development such as sustainable development of science city, university-industry partnership and knowledge based innovative clustering etc.

The UNESCO-WTA Cooperative Project was designed as a novel approach to resolve the problem of technology transfer facing many developing countries. This workshop will be held within the framework of cooperation between UNESCO and WTA in supporting the technopolis development through promoting the sharing of experiences, facilitating technology transfer and encouraging cooperation among science cities. This event will bring together experts and participants from developed and developing countries to share their practical knowledge and know-how.

The objectives of the Workshop are :

- ✓ Enhancing the capacity of developing countries in management of science and technology innovation for sustainable development
- ✓ Providing technical assistance and policy advice on developing high-tech clusters for the developing countries
- ✓ Networking among experts, managers and officers of high-tech clusters

I strongly believe the UNESCO-WTA International Training Workshop on "High-tech Clusters in Global Context" will provide cooperative excellence among science cities and ready-to-be science cities of the world.

Daejeon, the most important scientific and technological capital in Korea, is happy to present Daedeok Innopolis, our well-developed scientific infra-structure and hope to give you some useful ideas for your city and organization. Information & Communications University(ICU), the main venue of the workshop is Korea's premier higher education institution in the field of IT. ICU's R&D-friendly and international-minded atmosphere perfectly fits to host this cooperative workshop.

I hope that you will be able to take and enjoy the time to have great opportunity to exchange and network in Daejeon. I look forward to welcoming you in November.

A handwritten signature in black ink that reads "Park Seung-hyo". The signature is written in a cursive, slightly slanted style.

Seung-hyo Park

Mayor of Daejeon Metropolitan City

President of WTA

Outline of Workshop

■ Objective

- Enhancing the capacity of developing countries in management of science and technology innovation for sustainable development
- Providing technical assistance and policy advice on developing high-tech clusters for the developing countries.
- Networking among experts, managers and officers of high-tech and innovative clusters

■ Topics

Main Theme	High-tech Clusters in Global Context
Session 1	Sustainable Development of Science City
Session 2	University-Industry Partnership on Science and Technology Innovation
Session 3	Innovative Cluster of Knowledge-based Industries



■ Programs

□ Opening Ceremony

- Opening Address by **WTA President** (Mayor of Daejeon Metropolitan City, Korea)
- Congratulatory Address by **KOICA President**
- Welcoming address by a **representative of UNESCO**

□ Keynote Lecturers

- Dr. **Michael Luger** (Professor, University of North Carolina)
“RESEARCH PARS REDUX :The Changing Landscape of the High-Tech Garden”
- Dr. **Klaus R. Kunzmann** (Professor, University of Dortmund)
“Strategic Regional Development with Creative Industries”

□ Workshop Sessions : Presentation by 14 speakers from Universities, Science Parks and Regional Governments

□ Introduction & Conclusion Lecturer

- Prof. **DeogSeong Oh** (WTA Secretary General), Dr. **Yoslan Nur** (UNESCO)

□ Post-Workshop Tours

- Technical Field Tour : Kyonbuk Technopark, Geongsan, Korea
- Cultural Tour : Gyeongju Historic Area (UNESCO World Heritage)

■ Participants

30-40 high-tech cluster managers or officers from WTA members and other recommended participants by UNESCO

■ Lecturers

Session		Lecturer	Country	Position
Keynote lectures		Michael Luger	USA	Professor, University of North Carolina
		Klaus R. Kunzmann	Germany	Professor, University of Dortmund
Introduction		Deog-Seong Oh	WTA	WTA Secretary General
Session 1	1-1	Gordon Dabinett	UK	Professor, The University of Sheffield
	1-2	Deog-Seong Oh & Byung-Joo Kang	Korea	Professor, Chungnam National University Professor, Hannam University
	1-3	Yasuo Miyakawa & Sangryong Cha	Japan	Professor Emeritus, Kyushu University Lecturer, Nagasaki Prefectural University
	1-4	Kung Sianfar	Chinese Taipei	Professor, National Chengkung University
Session 2	2-1	Malcolm Parry	UK	General Manager, Surrey Research Park
	2-2	Robert Hassink	Norway	Professor, University of Oslo
	2-3	Fritz Krieger	Germany	Section Director, University of Dortmund
	2-4	Jae-Hoon Rhee	Korea	CEO of Kyongbuk Technopark and Prof. Dr. of Yeungnam University
	2-5	Hak-Min Kim	Korea	Professor, Sunchunhyang University
Session 3	3-1	Ken King	Australia	Chief Executive, Gladstone Economic & Industry Development Board, Australia
	3-2	Thorsten Hülsmann	Germany	Project manager, Future Dortmund Project, City of Dortmund
	3-3	Young-Sub Kwon	Korea	Researcher Fellow, Korea Research Institute for Human Settlements
	3-4	Carl Johan Engstrom	Norway	Professor, Planning Director, Uppsala, Sweden
	3-5	Ifor Fowcs-Williams	New Zealand	CEO, Cluster Navigators Ltd, New Zealand
Conclusion		Yoslan Nur	UNESCO	Science Policy and Sustainable Development

■ SCHEDULE

Time	Day 1 Mon.6 November	Day 2 Tue.7 November	Day 3 Wed. 8 November	Day 4 Thu. 9 November	Day 5 Fri. 10 November
08:30~09:00	Registration	Registration	Registration	Technical Tour on Kyongbuk Technopark	Cultural Tour on UNESCO World Heritage : Gyeongju Historic Area
09:00~09:30	Opening Ceremony	Session 2-1 Session 2-2 (09:30 – 12:00)	Session 3-1 Session 3-2 (09:30 – 12:00)		
09:40~12:00	Keynote Speech (09:40~12:00)				
12:00~12:30	UNESCO-WTA Technopolis Development Center(UWTDC) Opening				
12:30~14:00	Lunch	Lunch	Lunch		
14:00~17:50	Introduction Session 1-1 Session 1-2 (14:00~15 :40)	Session 2-3 Session 2-4 (14:00-16:30)	Session 3-3 Session 3-4 (14:00-16:30)		
	Break				
	Session 1-3 Session 1-4 (16:00~17:50)	Break	Break		
17:50~18:30	Plenary discussion (17:50~18:30)	Plenary discussion (17:50~18:30)	Plenary discussion (17:50~18:30)		
19:00~21:00	Welcome Dinner hosted by President of WTA	Workshop Dinner hosted by Daejeon	Workshop Dinner		

■ History of Cooperation between UNESCO and WTA

May 6, 2005 at UNESCO, Paris, France

Activity-Financing Contract for cooperative projects between UNESCO and WTA

October 2005, Daejeon, Korea

Feasibility Study for UNESCO-WTA Center for Science City Governance

November 1-7, 2005, Information and Communications University (ICU), Daejeon, Korea

The 2005 UNESCO-WTA Cooperative Project "Workshop on Science Governance" : 54 participants from 28 cities in 17 countries, 11 lectures and 24 case presentations.

April 2006, The 174th Session of the UNESCO Executive Board, UNESCO, Paris, France

Admitted to establish official relations with UNESCO

November 6-10, 2006, Information and Communications University(ICU), Daejeon, Korea

2006 UNESCO-WTA Cooperative Project "International Training Workshop on High-tech Clusters in Global Context"

2006 UNESCO-WTA Cooperative Project Committee

Chairman

Eberhard Becker President, WTA University Forum, Rector, University of Dortmund, Germany

Coordinator

Yoslan Nur Science Policy & Sustainable Development Division, Science Sector, UNESCO

Yong-Hwan Kim Professor, Chungnam National University, Korea

Members

Mustafa El Tayeb Director, Science Analysis and Policies Division, UNESCO

Malcolm Parry General Manager, Surrey Research Park, Guildford, UK

Carl Johan Engstrom Director, Strategic Planning, Uppsala, Sweden

Deog-Seong Oh Professor, Chungnam National University, Korea

Byung-Joo, Kang Professor, Hannam University, Korea

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