WTA
A Global Network
Leading to the Sustainable Development of Technopolises

General Assembly
Mayors’ Forum
University Presidents’ Forum

Hi-Tech Fair
UNESCO-WTA Cooperation Project

Global Innovation Forum
Greetings

The 21st century is a time when human happiness and prosperity are directly connected with the development of science and technology. Only the countries, cities and companies that have dominated science and technology will be able to lead the new civilization of humanity.

The World Technopolis Association (WTA) is a multilateral international cooperation organization created to promote joint development of members through connecting science and technology-based innovation with regional development as well as activating mutual exchange and cooperation among technopolises.

As an international organization whose main members are the city governments of the world, the WTA is carrying out various programs to promote the development of technopolises around the world as well as member cities and institutions. I would like to invite everyone to take part in our efforts to contribute to the development of humanity through scientific and technological exchange and cooperation.

Through your support and cooperation, the WTA will not only grow into a more successful international organization, but also contribute to global win-win development.

Sun-Taik Kwon
President of World Technopolis Association
Mayor of Daejeon Metropolitan City, Rep. of Korea
The World Technopolis Association (WTA) has been established to create a link between science and technology to regional development, to promote mutual development through exchanges and cooperation among technopolises, and to contribute to the prosperity of mankind through scientific and technological innovation. It is the first multilateral international cooperation organization established by 23 regional governments from 10 countries in 1998.

### HISTORY

- **1996**: International Symposium on Science and Technology Cities (20 cities in 9 countries) - Consensus on the need for establishment of International Science City Cooperation Organization
- **1997**: World Science City Mayors’ Conference - Mayors from 20 countries discuss science and technology cities partnership and the need to adopt the WTA Charter and Joint Declaration
- **1998**: WTA inaugural General Assembly (23 cities in 10 countries) - The first science city multilateral international cooperation, the “World Technopolis Association” (WTA) was formed
- **2006**: An official partnership with UNESCO - Approved by the 174th UNESCO Executive Committee as an official NGO
- **2008**: The 10th anniversary General Assembly
- **2014**: Establishment of the Global Innovation Forum - UNESCO official forum established jointly by Daejeon city, UNESCO and WTA with the aim of spreading innovation culture based on science and technology
- **2018**: The 20th anniversary General Assembly (planned)
A Global Network Leading to the Sustainable Development of Technopolises

With the aim of creating a global network that leads the development of a sustainable science and technology city (Technopolis), WTA aims at promoting international cooperation among cities and promoting mutual growth for the creation of innovation based on science and technology and regional development.

1. Connecting science-technology-based innovation with regional development
2. Building mutual cooperation and beneficial partnership for technopolis development
3. Facilitating knowledge and information sharing and technology exchange to leading to mutual growth
4. Fostering regional development through cooperative activities and civil exchanges based on partnership

The main activity(ies) of the WTA are based on the Triangle Approach, which is organic and close cooperation among local and regional governments, universities and research institutes, and companies as Technopolis’s innovators.

- Foster exchanges and cooperation between technopolises for regional development, industrial upbringing, and personnel exchange
- Strengthen the global cooperation through expanding exchanges and finding collaborative projects between universities and research institutes
- Activate the business through the expansion of technology exchange among companies and institutions in technopolises
Major Activities

The WTA is committed to fulfilling its role as a global network leading the development of sustainable science cities.

General Assembly

It is the highest decision-making body, for which participants (innovators) participating in the global network of WTA, such as local and regional governments, governmental institutions, universities, research institutes and companies, that come together to discuss the development and operation of the WTA global network, various cooperation projects for expanding exchange cooperation.

General Assembly is held every two years in conjunction with Mayors’ Forum (MF) and University Presidents’ Forum (UPF).

Decisions about WTA operations
Discuss and decide major cooperation projects
Establish detailed execution rules and adopt declaration

1st General Assembly
September 16-17, 1998
Daejeon, Rep. of Korea

10th General Assembly
September 20-23, 2016
Tangerang Selatan, Indonesia

11th General Assembly
September, 2018
(planned)
Major Activities

Mayors’ Forum

Local and regional government representatives will meet to discuss strategies and policies for regional innovation and industry development based on science and technology, urban development, and to expand cooperation on common issues.

In particular, various interactions and discussions are carried out to promote improvement of global competitiveness and sustainable urban development by discussing practical interchange and cooperation plans between member cities in various field such as human resources, information, policies and goods, as well as implementing exchanges and cooperation projects.

University Presidents’ Forum

It is a place for ‘multilateral international exchange’ among member universities.

It will discuss the various exchange and cooperation projects among universities that lead science and technology-based regional development and the ways to strengthen the role of the university as the source of innovation such as capacity building of R&D, promotion of academia-industry collaboration, and establishment of entrepreneurial ecosystem.

Activate Global Exchange and Cooperation

- Discuss the link between university development and local development
- Share policy, knowledge, and information among participating universities
- Discuss exchanges and cooperation projects between universities
- Discuss shared efforts on science city’s pending issues
- Develop cooperation activities to strengthen city capacity
- Provide opportunity to exchange and cooperate on common interests among individual cities
- Share examples of outstanding innovation policies by participating cities
- Discuss shared efforts on science city’s pending issues

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Hi-Tech Fair

Hi-Tech Fair (HTF) is a technology exhibition to show innovative technologies and products developed by enterprises, universities, and research institutes and to create innovations based on science and technology and promote business.

To this end, we are promoting information and technology exchanges among participating companies and cities, supporting technology transfer and commercialization, and actively promoting global cooperation to create innovation.
UNESCO-WTA Cooperation Project

It is a support project promoted by WTA in close cooperation with UNESCO for the purpose of promoting knowledge and information exchange between developed and developing countries, and contributing to innovation and economic development in the Least Developed Countries through supporting the establishment of science and technology park.

Pilot Project

Sharing the Knowledge

Global Innovation Forum

Capacity Building

It is an educational training program to promote the exchange of knowledge and reinforce capability on regional innovation policies such as the development and management of science and technology parks and building innovation system for science park administrators, Government officials in charge of science and technology policy, researchers and professors in the Least Developed Countries.

International Training Workshop

It is an educational training program held in Daejeon, Korea, every fall since 2005. We are actively promoting knowledge exchange through lectures and discussions on topics related to science and technology-based regional innovation policies such as development and management of STP, establishment of innovative ecosystem, academia-industry collaboration, etc.

Regional Training Workshop

It is an education and training program held in the cities of developing countries, and aims at strengthening competence in science park development and innovation system construction in the target area. This program is held in conjunction with Technical Assistance project.

International Training Workshop

As of December 2016

854 people completed the program

Regional Training Workshop

As of December 2016

543 people completed the program
This project provides technical and policy advice from the UNESCO-WTA Expert Group on establishment of innovation system (NIS/RIS), academia-industry cooperation, and innovation policy for central government and cities (local governments) in developing countries in order to support regional innovation and regional development based on science and technology.


This project supports the establishment of innovation platform by participating in the development projects of science and technology park in developing countries through various planning activities such as master and action plan, project management, and operation plans, and support for dispatching experts to support management and operation of science and technology park.

WTA is engaged in a variety of activities to identify science park models and to apply cooperation projects that are suitable for developing countries.
We publish and distribute international journals, professional books and policy briefs to share knowledge and information about the sustainable development of science city and regional innovation to share experiences of regional development based on science and technology, and to contribute to mutual development.

In 2014, Global Innovation Forum was established by WTA and UNESCO as an exchange and cooperation platform to share innovation strategies and knowledge based on science and technology based on the cooperation that has been continuing since 2006.

Experts from various fields such as policy makers, scholars, and entrepreneurs gathered together to discuss various issues related to the "promotion of innovation based on science and technology and regional development" and to present a response strategy for the sustainable development of science city.

Global Innovation Forum is held every year. In odd-numbered years, in Daejeon, Korea. In even-numbered years, in member city in conjunction with the WTA General Assembly.
WTA Membership Status

This is the status of WTA member cities and institutions as of December 2016.

EUROPE board
10 full members & 6 associate members (11 countries)

Full members
Guilford, Rotherham (UK), Frankfurt, Heidelberg (Germany), Lille (France), Uppsala (Sweden), Novosibirsk (Russia), Minsk (Belarus), Gliwice (Poland), Region of Central Macedonia (Greece)

Associate members
Dortmund University of Technology (Germany), Technopark Skolkovo (Russia), Urgench State University (Uzbekistan), International Network for Small and Medium Enterprises (INSME), MERSIN TECHNOSCOPE (Turkey)

AFRICA & MIDDLE-EAST board
6 full members & 18 associate members (16 countries)

Full members
Ministry of Education (Bahrain), Windhoek (Namibia), Federal Ministry of Science & Technology, NASEM (Nigeria), Ministry of Science and Technology (Angola), Ministry of Higher Education Science and Technology (Kenya)

Associate members
Dubai Techno Park (UAE), Royal Scientific Society (Jordan), Palestine Polytechnic University (Palestine), BIE Cedia Techno-Park (Tunisia), Politechnich of Namibia (Namibia), Information and Communication Technology Institute (Mozambique), The City of Scientific Research and Technological Applications (Egypt), Pardis Technology Park, Isfahan Science Technology Town, Fanz Poya System Co., New Technology Center of Isfahan Municipality (Iran), The University of Gamba (Gambia), Harare Institute of Technology (Zimbabwe), Nelson Mandela African Institute of Science and Technology (Tanzania), Future University (Saudi Arabia), National University of Science & Technology (Pakistan), Obafemi Awolowo University, Abu Bakar Taffa Beleva University (Nigeria)

ASIA board
20 full members & 14 associate members (5 countries)

Full members
Daejeon, Asan, Gyeongsan, Jeju, Pohang, Wonju, Changwon (Korea), Changzhou, Hangzhou, Heifei, Nanchang, Nanjin, Shenyang, Xi’an, Chengdu, Jiaon (China), Hsinchu (Taiwan), Sapporo (Japan), Information Communications Technology and Post Authority, Daishan (Hong Kong)

Associate members
Chungnam National University, INNOPOLIS Foundation, Harbin National University, KAIST, Harbin Institute of Technology, Harbin Institute of Science and Technology, National University of Science and Technology, Mongolia National Information Technology Park (Mongolia)

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The AMERICAs board
7 full members & 3 associate members (6 countries)

Full members
Austin, Phoenix, Mcallen (USA), Calgary (Canada), Nuevo Leon State (Mexico), Petropolis, Porto Branco (Brazil)

Associate members
Bloomfield College (USA), The University of Costa Rica (Costa Rica), University of Antonio Narino (Colombia)

The PACIFIC board
9 full members & 9 associate members (9 countries)

Full members
Brisbane, Gladstone, Ipswich, Townsville (Australia), Manikau (New Zealand), Pernang State (Malaysia), Quezon (Philippines), South Tangerang (Indonesia)

Associate members
Kulim Technology Park Corporation, Cybeview (Malaysia), PUSPISTEK (Indonesia), Royal Academy of Cambodia (Cambodia), Sri Lanka Institute of Nanotechnology (Pvt.) Ltd. (Sri Lanka), Souphansoung University (Lao), SISLO Science Park, Batam Science Park, Science and Technology Park LPI (Indonesia)
### Membership Categories

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<th>Category</th>
<th>Who can apply for the WTA Membership</th>
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<td><strong>Full Member</strong></td>
<td>• Technopolis&lt;br&gt; - Science &amp; Technology based local governments&lt;br&gt; - Common entities include state, province, region, prefecture, city, township, town, borough, parish, municipality, shire and county etc.&lt;br&gt; - These regions are partly or wholly dominated by science &amp; technology parks, industrial parks, research institutes, universities, businesses etc.&lt;br&gt; • Government-related Organization/Institution&lt;br&gt; - Science and technology based organization&lt;br&gt; - ex: Ministry of Science &amp; Technology, Ministry of Education etc.</td>
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<tr>
<td><strong>Associate Member</strong></td>
<td>• Science &amp; Technology Parks&lt;br&gt; - Science parks, innovation-based parks, incubation centers, technology centers, research institutes etc.&lt;br&gt; • Universities (HEIs) :&lt;br&gt; - R&amp;D-oriented universities, technical universities etc.&lt;br&gt; • Hi-tech Businesses&lt;br&gt; - Venture companies, SMEs, enterprises etc.</td>
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<tr>
<td><strong>Discretionary Member</strong></td>
<td>• Individuals or organizations&lt;br&gt; - Any agencies who have an interest in joining WTA networks or who intend to participate in WTA activities Membership Admission Process</td>
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### Membership Admission Process

1st step<br> An applicant for WTA membership should complete the application form and submit it via email, fax or on-line to the WTA Secretariat.<br> - Note. The applicants should also submit a short description, general information and technical report about their organization.

2nd step<br> The membership application will be reviewed and evaluated by the Executive Board.

3rd step<br> The Certificate of membership will be finally issued after ratification by the Executive Board’s approval.
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