

Series of The 2011 Global Smart City Summit in Tainan

Eindhoven City,Netherland

The benchmark of 2011 global smart cities can be no one but Eindhoven, Netherland. In the competition “World Design Capital 2012” held in 2009, the emergence of Eindhoven, which fought itself into the final competing with Helsinki, Finland, impressed the world of design. Further in 2011, it was evaluated by ICF (Intelligent Community Forum) as the yearly best smart city. Last but not least, the city was supported by Netherland government advancing the project “Brainport 2020”, which combines creative designs with technology showing new vitality of the city.

Eindhoven, the fifth biggest city located at southern Netherland, is not only the place the Philips Electronics Company started from, but also a city containing the Design Academy Eindhoven, the cradle of industrial design intelligence, and the Eindhoven University of Technology, which is known for innovative designs. In concentration of industries and facilities, the government, the academic institutes and the industry can actively cooperate as a “Triple Helix”, creating a safer, more efficient and more convenient city life managed by the smart city.



The smart city policy of Eindhoven responds to the innovation of the sanitary and health care technology, which is expected to overcome the multiple and complex modern medical-social challenges, such as population aging and improving the medical environment. The designers shall focus not only on the aspect of art, but also on the economical, social and climate problems. By introducing more innovative solutions to the problem, the technology can have more humanity, more practicality, and more sense of security.

Lavasa City, India

Lavasa is a Hill City in the west India that surrounded by the magnificent Sahyadri Mountains and Warasgaon Lake. It's the first city that India plan to build. It has the advantage of the great nature environment that becomes the example for the cities wants to build and gives people more expect to live to a better place.

Lavasa City will be informed by 5 cities in 12 years. Dasve Town will be the first city to be completely built in 2010 – 2011. It will have a much larger, complete living area and business facilities and cooperate with India and

international schools and academic research organization which can provide humongous job opportunities in a nature, non pollution industry area.

The main develop plan of Lavasa sets 30 thousand resident and 200 thousand visitors every year. Living in Lavasa will have the balance between life and works, it is a self-sufficient city that combines works, learning, playing and living area. Lavasa also provide advanced infrastructure and precise ecosystem, it gives the resident great environment. They can contact with others easily and also be away from the busy world.



Gajhih

In order to present the effort of the smart city on low carbon-emission environment, the summit provided reusable bags with the handouts to the participants.

The reusable bags are called "Taiwan LV" and are weaved by women . "Grandma's Workshop of Gajhih" is run and organized by women from the communities in Houbu Village of Houbi District in Tainan. They not only inherit the great traditional weaving skills, but also take on the responsibility of passing down the traditional crafts and developing the community industries. Besides the retro rushes-weaved bags and Gajhih bags, by adding other retro ingredients and the help from designers, they created a new style of retro fashion.



Panel discussion-Conclusion

Deputy Mayor Lin's conclusion was the climax of the summit when it came to the end on the 15th. The leader of the smart cities, Vice Chairperson Huang of CEPD, Deputy Mayor Shih of Yunlin county, Deputy Mayor Jhang of Taitung county, Deputy Mayor Lin of Chiayi county, The chief of Planning Department, Mr. Jian and the CEO of LLG, Sascha Haselmayer, gave their experiences and advice for the topic today and also gave conclusions to it. Hopefully it will give all the participants a great experience about the Smart City.



Smart Technology Achievement Demonstration

Yantouch Corporation

A world leading Mood lighting company. Expert of Art and Technology mix.

- Founded by Hsiao-Pin Lin and Ken Ouyang in 2008.
- Funded by Faraday Technology, a world leading IC ASIC service company.
- World first touch panel controlled Mood lamp, JellyFish in 2009.
- JellyFish won 2010 Red Dot Design award.
- 10 Mood lighting patents pending by 2010.
- World brightest Mood lamp & First Color Sunrise lamp, JellyWash in June, 2010.



Liang Fu Security Corp. Ltd

"Liang Fu U-Bobi network security system" is the preservation and the preservation of Live imaging products, through a network of transport, there will be a live image back to the preservation of the company's control centre in order to distinguish an updated picture of the scene, and ISP operators store side of the image placed in the engine room. "Liang Fu U-Bobi network security system " using image monitoring technology to alert a linked image, as long as the protection area have any trouble control centre will be able to get real-time and accurate information.



Touch Center, NCKU

TOUCH Center is established in accordance to 'Smart Living Interactive Innovation Center (SLiic)' under NSC. we are also the member of European Network of Living Labs (ENoLL). This is one big step for a newborn research unit. And also a forwarding step for both TOUCH Center and Taiwan's smart living industry.



The Cooperation between the Smart Cities

The more exciting part of today is that, on behalf of Tainan City, The Mayor of Tainan, Mr. Lai will sign the “Smart Cities Cooperation Agreement” respectively with Dubuque City, Kortrijk City, Eindhoven City, Lavasa City, Helsingborg City.

These cities would like to share these common interests and become connected, particularly in respect to:

1. the promotion of goodwill and understanding.
2. the sharing of smart city experience.
- 3 the development of integrated and networked infrastructure.

The signing of the “Smart Cities Cooperation Agreement” represents that the friendship between Tainan and the five international cities steps into a firmer level; and that together we will share our experiences of managing a smart city, cooperate and exchange the integration and development of infrastructure, continue to develop other possibilities for cooperation, and promote mutual cooperation and understanding between our cities.



Smart Technology Achievement Demonstration

National Chiao Tung University Eco-City

The Eco-City, through constructing the four major core operational engines such as Open Lab, User Lab, Living Lab and Lab Company, has successfully established the model of four major service chains. The four service chains are the innovative living technology, the innovative commerce, innovative city and the innovative public. The Eco-City, through the cooperation with leading International Enterprises such as the Far Glory Group and the Giant and additionally, through many local/Central Governments' tender projects, is able to implement the plans of living technology policies and the living labs into people's lives in Taiwan in real.



Microsoft Taiwan Corporation

Microsoft Taiwan Corporation has been putting efforts in Taiwan's education for a long time. It has been cooperating with the government and educational organizations, promoting the merge of technology and creativity. It also provides the schools with the latest IT softwares and Information Communication Technology (ICT), assisting teachers and students to break through any limitations and create a more complete educational environment.

Partners in Learning program (PiL) is the goal that Microsoft Taiwan has been working on since year 2003. And this year, the ongoing program reached a new milestone in Taiwan's education history. Haitung Elementary school in Tainan introduced Kinect Classroom, sponsored by Microsoft, in this October. Teachers train the student during their PE classes by using Xbox 360 consoles and the Kinect system.

Tainan city government

Tainan city government is dedicating to build Tainan city as a livable city. To promote and improve the living quality of residents, the government has planned to build the Jiufenzi sustainable eco-community. The planned developing area is 101 hectares. The city government plans to finish all the works on 2025. The whole area is estimated available for 13000 residents by that time. This development project has been reviewed and passed by the city development board.

Jiufenzi is located alongside the road 17 and between the Yan-Shui brook and Jia-Nan dike. It is positioned near the center of an area, constructed from three highly productive industrial parks. The project plans to construct a water-loving eco-community with low-carbon consuming public spaces and environments accompanied with various value-added technology service systems. The final goal is to build the Jiufenzi sustainable eco-community as an international demonstration model meeting with the standard of an eco-city, a low-carbon consuming city and a smart city.

