UI Taipei

2009 ICT Forum Report
&
Towards an Intelligent and
Ubiquitous City

Taipei City Government
November 10, 2009

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2009 Intelligent Cities ICT Forum

➢ **The following is an overview of the event**

- ✓ **Date: Sep. 22 to 23, 2009**
- ✓ **Venue: NTUH International Convention Center, Taipei**
- ✓ **Participants : 178 participants**
- • **19 Foreign participants: the representatives of ANMC21 member cities Sister cities and UCLG member cities were invited**
- • **159 Local participants : including industrial experts top managers and executives of Multi-national corporation …etc.**

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2009 Intelligent Cities ICT Forum

Date: September 22-23, 2009

September 22, 2009 (Tuesday)		
TIME	**AGENDA**	**SPEAKER**
08:30-09:30	**Registration**	
09:30-09:45	**Opening Ceremony**	Dr. Lung-Bin, Hau
09:45-10:25	Current Status and Perspective of e-Government in **Taiwan**	Dr. Kuo-Yen Wei
10:45-11:15	Digital Life- the "**Tokyo** Ubiquitous Technology Project"	Mr. Noriyuki Iizuka
11:15-11:45	ICT Technologies Development **Trends** and Visions of Intelligent Cities	Mr. Chris Khang
11:45-12:15	Matching of **Infrastructures and Applications** for ICT Intelligent Cities	Dr. M.K. Badrinarayan
13:45-14:15	**New ICT outlook** from Industries	Mr. Chiou, Chyou-Huey
14:15-14:45	**Taipei** Intelligent City-Experience Sharing	Dr. Chia-Sheng Chang
15:00-15:30	Opportunities and Challenges-experience sharing by **Gold Coast AU**	Ms. Diane Dixon
15:30-16:30	**Panel Session-** City Sustainability Through ICT Development	Mr. Richard Yin

2009 Intelligent Cities ICT Forum

Date: September 22-23, 2009

September 23, 2009 (Wednesday)	
10:00-11:00	Visit Emergency Operation Center (EOC)
11:10-11:40	Visit 1999 Citizen Service Call Center
12:30-14:00	Lunch
14:00-17:00	Cultural Tour (National Museum, National History Museum …etc.)

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2009 Intelligent Cities ICT Forum
Speakers

Open Ceremony: The Mayor of Taipei
Dr. Hau Lung-bin

Speaker: Tokyo Metropolitan Government
Mr. Noriyuki Iizuka

2009 Intelligent Cities ICT Forum
Speakers

The Deputy Mayor ,
Vilnius City, Lithuanian
Mr. Gintautas Babravičius

Speaker: Glod Coast Australia
Ms. Diane Dixon

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2009 Intelligent Cities ICT Forum

Achievements Exhibition

MOTA

Preventative Telecare

2009 Intelligent Cities ICT Forum

Achievements Exhibition

1999 citizen service

Intelligent Transportation System (ITS)

"UI-Taipei" Key Strategies

e-Government
Municipal Services
& Efficiency

UI-Taipei
Ubiquitous & Intelligent

e-Community
Vital & Friendly City

e-Life
Convenient Living
Applications

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"UI-Taipei" Initiatives

- Infrastructure : FTTH & Wireless Broadband Infrastructure
- Green ICT: Intelligent Transportation System
- Citizen Service : 1999 Citizen Service Call Center
- e-Life: EasyCard Multi-application
- Mobile Application: Location-based Services (LBS)
- Healthy Living: Citizen Health & Living Care
- Industrial Strength: Taipei Technology Corridor
- Full Spectrum Security Surveillance System

Infrastructure (1):
Optical Fiber to the Home (FTTH)

➢ **The Plan**

  ✓ **Providing optical fiber connection to 400,000 households**

  ✓ **Utilizing sewage network for deployment**

➢ **Expected Benefits**

  ✓ **Strengthening the infrastructure for advanced IT applications**

  ✓ **Encouraging further growth of IT industry**

  ✓ **Providing network connection with affordable fee**

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Infrastructure (2):
Wireless Broadband - WiFi
(The "World's Largest WiFi Network City" accredited by JiWire)

	Schedule	Area Coverage	Population Coverage	No. of APs
Phase I	09/2004 01/2005	30 MRT Stations	20	507
Phase II	02/2005 12/2005	All MRT Stations and Downtown Area	50	2,200
Phase III	01/2006 07/2006	All Main District Areas	90	4,200

➢ **Population Coverage 90 %**

➢ **Number of Access Point 4,200 APs**

➢ **Campus Coverage (100%)**

    280 Schools

AP

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Infrastructure (3):
Wireless Broadband
Next: WiMAX on the Move

Green ICT
Intelligent Transportation System (ITS)

e-Parking
Reduce waiting time

e-Bus
Encourage more
people to take bus

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Citizen Service

1999 Citizen Service Call Center

Phase I	Phase II	Phase III
Nov. 2004	July 2008	

(31 lines)
Integrate 4 representative phone numbers into 1999

Provide basic call center services

(60 lines)
Integrate 16 toll-free and 2 special lines

Provide enhanced call center services

1999 becomes the integrated service center

Provide full functional call services

e-Life :EasyCard Applications

16 million cards issued

EasyCard chips installed in watches and MP3 players

Payment for parking, MRT, bus, taxi; Student ID card and Self-service libraries.

e-Life : Future Integration of EasyCard

- **Taiwan High Speed Rail**
- **Taiwan Railway**
- **Intercity Bus**
- **Inter-municipality Application Service**
- **Electronic Wallet**

Taipei - Keelung

Taipei - Taoyuan

Taiwan Railway

Location Based Service (LBS)

To serve both residents and visitors in Taipei

Service
Service-oriented Website

- Geography Information
- LBS Exchange
- Coordinates Service

Ubiquitous
Web Service Access from anywhere

- Chinese/English portal
- Mobile Version Portal
- Position Service

Location
Local information and service

- Electronic Map
- Local Information
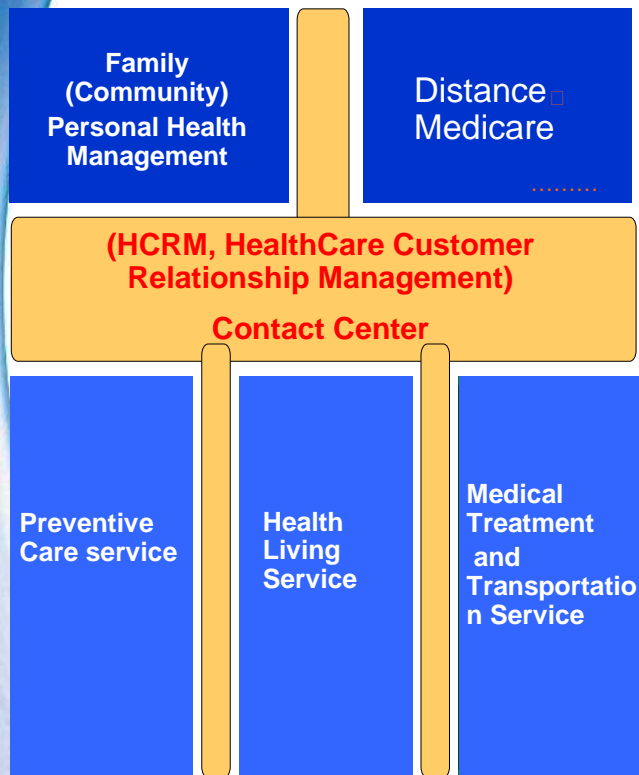- Personal Service
- Web 2.0

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MOTA Map of Taipei Amusement)
Smart Application for Tourism

- Discover Taipei's Dynamic Lifestyle with MOTA "One Touch"

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Health and Living Care

Family (Community) Personal Health Management

Distance Medicare ....

(HCRM, HealthCare Customer Relationship Management)

Contact Center

Preventive Care service

Health Living Service

Medical Treatment and Transportation Service

Zero Tolerance Against Crime

Full Spectrum Security Surveillance System

➤ Establish **Digital Surveillance Center** & **e-Patrol**

➤ Deploy **11,500** police surveillance monitors at road intersections

➤ Implement security prevention network and intelligent dispatching system to achieve zero tolerance against crime

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Strengthening Taipei's International Image

➤ "**Urban Best Practices Area**" **elected by World Expo., 2008**

➤ "**Intelligent Community Awards**" **by ICF, 2006**

➤ "**World's Largest WiFi Network City**" **by JiWire, 2006**

➤ "**The e-Government Applications of W2i Wireless Communities Best Practices Awards**" **by Wireless Internet Institute (W2i), 2006**

➤ "**Public Sector Global IT Excellence Award**" **by WCIT, 2002**

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2010 Shanghai World Expo.

Taipei Pavilion : Urban Best Practices Area

Wireless Broadband Infrastructure & Deployment

Welcome to Taipei

➢ **2010 Taipei International Gardening and Horticulture Exposition**

➢ **Duration: Nov. 6, 2010 to Apr. 25, 2011**

   (Total: 171 days)

THANK YOU