Wuxi Sensing China

2010–05–25

Wuxi Development and Reform Commission
Main Point

1. Wuxi’s Economic
2. Wuxi Sensing China
3. Wuxi Municipal Demonstration Projects
Main Point

1. Wuxi’s Economic
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Wuxi’s Economic Situation In 2009

- GDP
- Import & Export
- Investment In All Society
- Output Value of High & New Technology Industry
- ETC…
Main Point

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What’s making Smart Planet possible?
- The world is becoming instrumented.
- The world is becoming interconnected.
- All things are becoming intelligent.

Obama announced $3.4 billion, the largest ever investment in smart grid money.

Smart Grid is the beginning of Smart Planet.
World Attention

eEurope

U-Korea

U-Japan

U-Taiwan

I-Hub

Smart Planet
China Attention

Sensing China Engine started from a Premier Wen’s inspection of Wuxi Hi-tech Micro-nano Sensor Networks R&D Center of CAS on 7 August 2009.

After that, Premier Wen mentioned Wuxi WNS industry very frequently.

On 3 Nov 2009, Wuxi was approved as National Sensing Net Innovation Demonstration Park by the State Council of PRC
Sensing China in Wuxi New District

Top 5 National High and New Technology Industrial Development Zone

Main Part of Sensing China (Wuxi New District)
WSN Information Service Park Planning

Planning area: 2,584 acres

Scale: 1800,000 m²

Target: to assemble WSN operators, information and technology service providers and agents and build up the public application industrial cluster. To provide solutions for widely application of WSN.
WSN University Park Planning

Planning area: 756 acres

Scale: 500,000 m²

Target: to assemble the leading universities and laboratories in WNS industry, to research and develop the core WSN technologies, and to commercialize their research findings.
WSN Expo Center

**Planning area:** 230 acres

**Scale:** 12,000 m²

**Target:** to assemble the most advanced WSN technologies, products and solutions, and their implementation in different industries. It already opened to the public in 01/05/2010.
China Mobile signed a contract with Wuxi Government for integrating TD-SCDMA and WSN.
China Telecom signed a contract with Wuxi Government. It has established a WSN Application and Promotion Center and a WSN laboratory in Wuxi.
China Unicom signed a contract with Wuxi Government. It has established a WSN research institute and Data Center of Southern China.
WSN Talents Reserving

The WNS industry service platform is built up by an union of 15 Chinese leading universities for reserving talents and developing the industry, such as Peking University, Tsinghua University, Beijing University of Posts and Telecommunications, etc.

- **Beijing University of Posts and Telecommunications:** SensingNet technology and industry research
- **Nanjing University of Information Science & Technology:** Sensing Weather
- **Nanjing University of Posts and Telecommunications:** SensingNet research
- **Southeast University:** Sensor and network research
- **etc.**
WSN Standardization & Chinese WSN Union

Wuxi Wuxi SensingNet Industrialization Research Institute: Lead the international WSN Standardization setting


The 3rd Preparatory Meeting of Chinese WSN Industrial Union on 01/12/2009.
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Jiangsu Provincial Demonstration Projects

- Smart Grid
- Smart Industry
- Smart Logistics
- Smart Agriculture
- Smart Environmental Protection

- Public Safety
- Smart Urban Transport
- Intrusion Prevention
- Smart Home
- Smart Healthcare
Wuxi Municipal Demonstration Projects

- Civic Center
- Wuxi Agricultural Expo
- Wuxi Tech-Park
- Export Processing Zone
- Wuxi Environmental Monitoring Platform
- Wuxi Xijing Smart Power Substation
- Pollution Source Monitoring

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Thank you!