




# CITYNET

THE REGIONAL NETWORK OF LOCAL AUTHORITIES  
FOR THE MANAGEMENT OF HUMAN SETTLEMENTS

A light gray world map is centered in the background of the slide. The map shows the outlines of continents and countries. At the top and bottom of the slide, there are decorative borders consisting of overlapping triangles in various shades of blue, green, and purple.

# **CITYNET PRESENTATION TO THE 60<sup>TH</sup> LEAGUE OF CITIES OF THE PHILIPPINES (LCP) NATIONAL EXECUTIVE BOARD MEETING**

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60<sup>th</sup> LCP NEB Meeting

Big 8 Corporate Hotel, Tagum City

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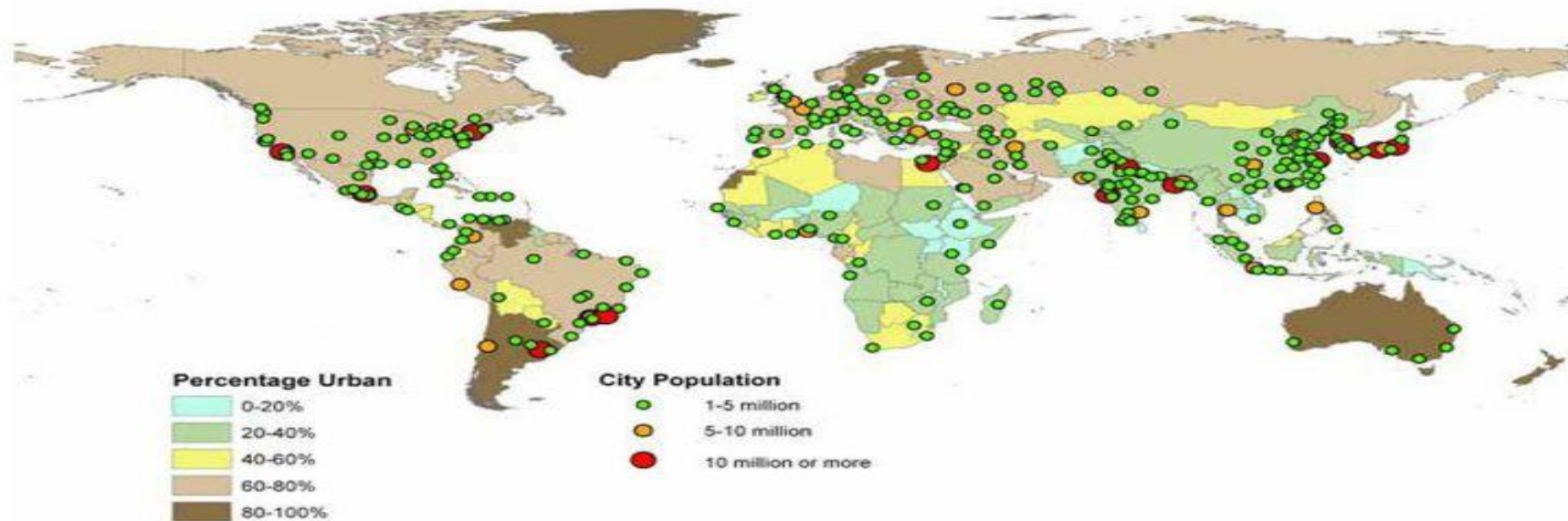
# Presentation outline

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- CityNet and its Activities
- CityNet Services Program

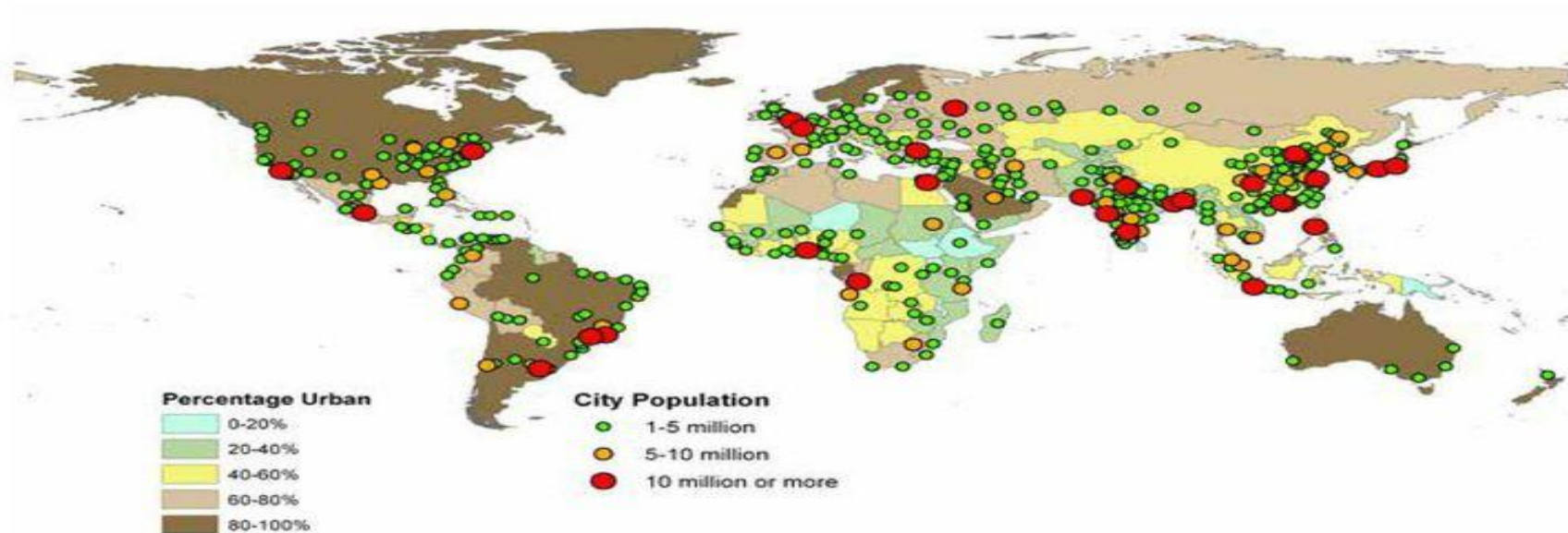
**Figure 1.2: Global patterns of urbanization, 1995**

Source: Based on United Nations, 2014b.



**Figure 1.3: Global patterns of urbanization, 2015**

Source: Based on United Nations, 2014b.



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- Global association of urban stakeholders committed to sustainable development in the Asia Pacific region.
- **131** members (as of May 2016)
- **Members' composition**
  - 85 full members (cities across Asia Pacific) (*Philippines: 10 Full Members*)
  - 44 associate members (i.e. local government associations, regional development agencies, research centers) (*Philippines: Four Associate Members*)
  - 2 corporate members (i.e. private sector, multinational companies)

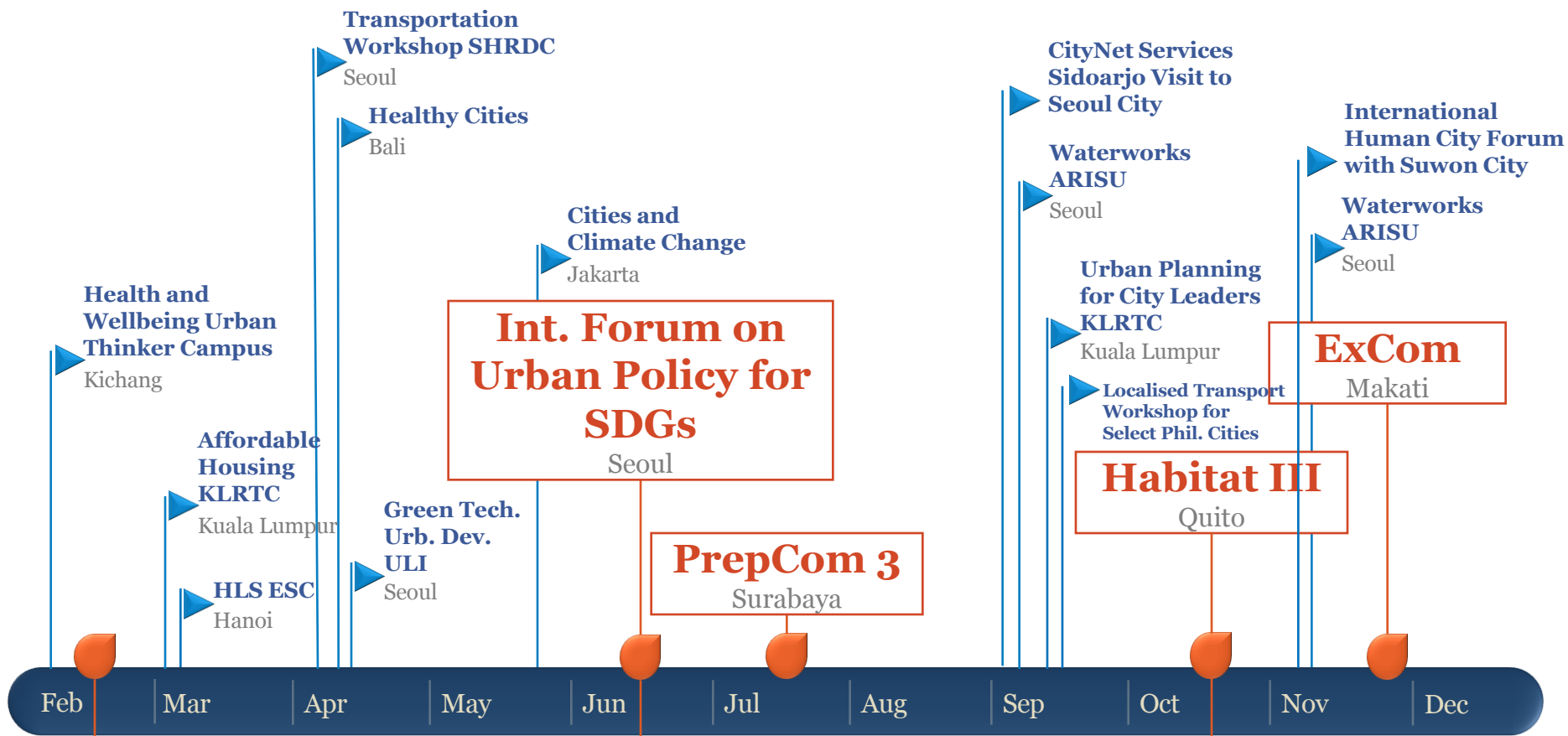
# Institutional History

- CityNet was established in 1987 with support of UNESCAP, UNDP and UN-HABITAT; also known as the Regional Network of Local Authorities for the Management of Human Settlements
- Granted a ECOSOC Special Status of United Nations (1995); UN-Habitat Scroll of Honour (2002); CityNet was based in Yokohama, Japan for 25 years
- **2013 – Re-establishment of the CityNet Network with its new home for the Secretariat in Seoul, Republic of Korea (10F Seoul Global Center)**
- 2015 - 12 international workshops in seven (7) countries for more than 300 government officials;

## What We Do

- ***Connect*** urban actors and cities across Asia Pacific;
- ***Provide sustainable learning platform*** among our members through customized capacity development, localized workshops, city-to-city cooperation, and both regional and local projects with partners;
- ***Advocate*** city-level issues in global-level discussions and influence both global and regional policy deliberations;
- ***Implement*** special projects to help fill gaps to overcoming long-term urban development challenges;
- ***Enable*** policy, technology, and technical knowledge transfers among our members;

# Activities 2016





## International Forum on Urban Policy for the Sustainable Development Goals (SDGs), Seoul

### *The Asian Perspective on Sustainable Urbanization*

#### How Big Data, Supported by T-Money, Drives Seoul City's Intelligent Transport System

Seoul Metropolitan Government collaborates with Korea Smart Card, using the information and communication technologies to generate a huge amount of real-time data, which enables Seoul's Intelligent Transportation System. This system enhances the effectiveness of public transport in Seoul Metropolitan Area.



On-board Unit (OBU) for ticket validation is installed in every bus in Seoul.

T-money was established in 2003 and one year later started its main business, providing regional smartcard-based fare collection services for the public transportation system in Seoul Metropolitan Area (SMA). It currently covers about 20 million residents, 20 thousands buses, 450 km of urban rail system, and processes 50 million transactions a day.

The T-money system needed large scale and complex in-house ICT resources, including front end devices, numerous data centre servers, and a complex communication network. Since Seoul Metropolitan Government (SMG) was T-money's primary shareholder, they had full control of its ICT resources, especially human resources, which included around 200 top-class engineers.

The "big data" generated by the T-money system supported SMG in several ways, helping with its public transportation system, fare collection, real time vehicle tracking, fleet management, and mobile device-based passenger services.

#### FARE COLLECTION SERVICE

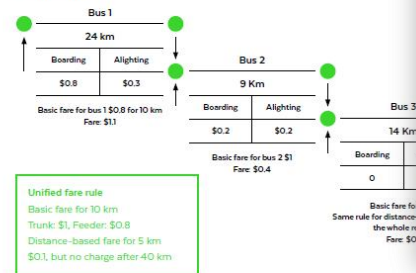
Since 2004, T-money has provided fare collection service designed for all modes of public transportation, including buses, urban rail, metro, and taxis, providing SMA with contactless radio frequency (RF) smartcard coverage. Through an open

operated by Korea Smart Card

a single, unified fare structure. SMG planned to refer service to a network-oriented system, integrating urban rail an effective trunk and feeder create a unified transit network the basic fare once, and the rail to commute from origin this operation, T-money uses fare collection (AFC) system

The fare collection system implemented and was then in SMA. However, as required T-money was hesitant to increase number of taxis, so SMG supported. Korea Smart Card Board Unit (OBU) for ticket buses, which can replace ticket terminals or bus stops. The validator for contact and contactless Field Communication (NFC) Stick cards, and QR codes, was completed for all intercity was further expanded in the

Total Travel Length 47Km,  
but regarded as 40Km  
Total Fare \$1.6



## 3<sup>rd</sup> Preparatory Committee Meeting (PrepCom3), Surabaya

- Preparation for Habitat III
- Side event Civic Youth and Participation in the Wired Age
  - Digital technologies for better planning, participation and stakeholder engagement
  - CityApp (CityNet & Microsoft)
  - Block by Block (UN-Habitat & Mojang/Minecraft)
  - Local governments, private sector, international and civic organizations



# Activities: Capacity Building

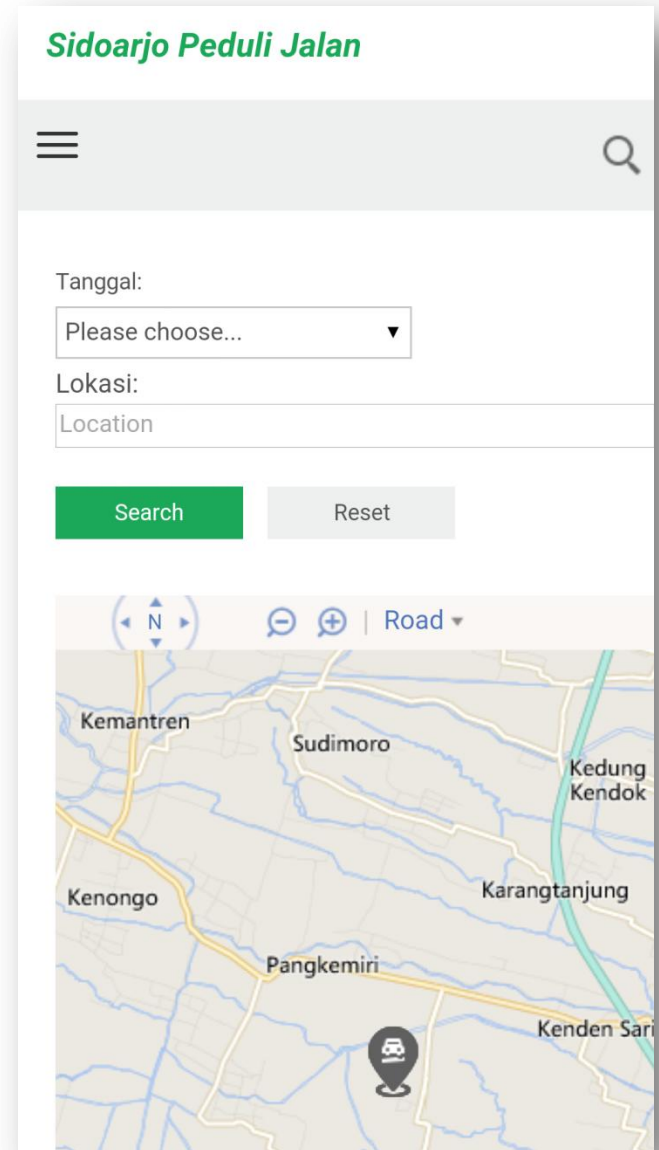
## Transportation Workshop with SHRDC (Seoul, 2016)

- Developed in response to challenges identified by CityNet member cities
- For government officials from cities with transportation challenges
- Modules
  - Seoul's best practice examples for transportation management
  - SWOT Analysis of participating cities
  - Project management



# Activities: Projects

## Sidoarjo



# CityNet Services

- **CityNet Services** is one of CityNet's main regular programs;
- **CityNet Services** is a generic term which can refer to a type of program intervention where members can avail with the goal of getting closer to coming up with a solution to their specific urban development challenge;
- **CityNet Services** can be in the form of:
  - Technical Assistance** - CityNet Services identifies experts and sends them to recipient CityNet member to render direct technical advice;
  - Study Visits** – CityNet Services coordinates and facilitates learning exchanges to different cities where members engage in face-to-face interaction and simulate different tools;
  - City-to-City Partnerships** – CityNet Services enables members to jumpstart sister city relations and strengthen South-South cooperation.



# Benefits of Joining CityNet



- Capacity Building Program. In 2015, we co-organized 12 international workshops in seven countries for more than 300 government officials;
- CityNet Services – CityNet members ask for tailored programs and activities with other mentor cities through consultancy, study visits, and city-to-city partnerships;
- CityNet Clusters – Specialized themes where cluster members organize technical level discussions;
- National Chapters – Connecting cities within each county and supporting each other through localized workshops, events, and city –to-city cooperation;
- Ad hoc projects (Safer Cities Program, City App)
- Access to knowledge resources and training opportunities for local authorities and city-level employees;

## What the City Can Do?

- As a city, be part of the growing CityNet network. Application for Full Membership is easy. Average annual membership fee for Philippine members range from USD 1,300-2,700 depending on the income classification and local population;
- Give our Asian cities broad range of sustainable urban solutions options with your technology and knowledge offer;
- Transfer knowledge solutions in a more direct, most cost-efficient manner through CityNet's tried and tested learning processes;
- Contribute to strengthening regional cooperation in Asia Pacific process.



# Thank You!

Website: [www.citynet-ap.org](http://www.citynet-ap.org)

Facebook: [www.facebook.com/citynetsecretariat](http://www.facebook.com/citynetsecretariat)

Twitter: @CITYNET\_ORG

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