

World Cities: Bilateral Meetings between Seoul and Tampere

Meeting with Seoul's Traffic Policy Department on Car Sharing

Date: 13 March 2018

Time: 16:00-17:20

Participants: Seong Hoon Shin, Sang Shin Kim, Lim Eun Deok (Transportation Policy Division, Seoul), Jukka Lintusaari (Tampere), Myungseon Kim, Felix Kalkowsky, Jin Hee Lim (CityNet)

Points of discussion

1. Tampere's areas of interest
 - Although public transportation is well organized in the city center, traffic jam still remains a problem
 - Making (expensive) public transportation attractive for citizens
 - Encouraging the use of electric cars: charging in public and private spaces
2. SMG's presentation on the Nanum Car project (presentation is attached in annex)
 - Main users: younger generation with less driving experience. Thus providing safe driving lessons.
 - Changes in policy directions: from car-centered (in the 2000s) to public transport- and people-oriented policies
 - Green Transportation Region (in the city center; within the historic city wall of Seoul): all Nanum Cars will be electric by 2020. Also through the city's road-diet program, less space will be provided for cars and more space will be allocated for pedestrians and bikes
 - Public Private Partnership (PPP)
 - The software is provided by the SMG and the cars are provided by two private enterprises (Green Car and So Car). SMG also provides free parking space for shared cars
 - Green Car and So Car have individual membership and reservation services; SMG integrates the membership of two companies and manages the car and reservation information collectively
 - SMG can place operational points in areas where demand for cars is low; people with lower income can also have access to cars
 - Tampere expressed a particular interest about this PPP as public transportation is usually regarded as a public service (provided entirely by the government) in European cities
 - The Nunum Car project is being replicated in Incheon, Sejong and Busan
 - Partnership with private bus companies: Seoul City pays for any deficit of the bus companies but also takes their revenue in return
 - So Car and Green Car recognize the significant role that Seoul city has played in expanding their business (e.g. So Car used to be a start-up with 10 employees initially and is now a medium-sized firm with 250 employees)
3. Discussion
 - Innovative bus services in Seoul: demand-oriented buses by public and private sector at nighttime
 - Jukka asked about Seoul's measures to lessen traffic problems: representatives from SMG responded that given the size of the city, Seoul will always have problems with traffic jam. However, due to the policy measures, the speed of circulation either remains the same or has increased (i.e. even though the number of cars has been rising, the traffic jam has not worsened)

- SMG is planning a mission trip in order to examine the success and replicability of the transport policies and practices in Helsinki; Mobility as a Service (MaaS)
- Jukka informed SMG about the EUREKA INNOVATION DAYS 2018, 22-24 May in Helsinki, Finland which Korea is scheduled to participate as the first non-European member. Jukka suggested that SMG also take part at this conference in late May. SMG will decide after internal discussion.



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World Cities: Bilateral Meetings between Gwangju and Tampere

GIGA

Date: 14 March 2018

Time: 15:30-17:00

Participants: GIGA, ICEC, Jukka Lintusaari (Tampere), Pablo Gandara (EU Project Manager), Felix Kalkowsky (CityNet)

Points of discussion

President Lim (ICEC) gave a brief introduction of the World Cities Program as well as Gwangju and Tampere's involvement. This was followed by a brief introduction of all participants.

- Jukka highlighted Tampere's areas of interest: (1) mobility, (2) energy and (3) air quality. Furthermore, he briefly introduced Tampere's initiatives on the three topics.
- Pablo and Felix added additional background information about the World Cities Program and other participating cities
- GIGA gave a PPT presentation about Gwangju's e-mobility cluster (attached in annex)
- GIGA aims to attract start-ups and companies in the field of eco-mobility; this could be done through a joint initiative → Tampere is invited to recommend suitable companies from Finland
 - o As a follow-up Jukka will share a list of recommended start-ups
 - o GIGA will happily receive further proposals from Tampere (e.g. establishing a test bed in Gwangju)
- Jukka referred to the EUREKA INNOVATION DAYS 2018, 22-24 May in Helsinki, Finland; the event will be attended by a large delegation from Korea; KIAT is a co-organizer (the organization works closely with GIGA)
 - o <http://eurekainnovationdays.org/>
 - o <http://www.kiat.or.kr/site/engnew/index.jsp>

International Climate and Environment Center (ICEC)

Date: March 15th, 2018

Time: 10:30 ~ 11:30

Participants: ICEC, Kari, Elina, Jukka Lintusaari (Tampere), Pablo Gandara (EU Project Manager), Felix, Jaeyoo and Jin Hee (CityNet)

Objective of the meeting

Points of discussion

Gwangju's ICEC is Tampere's main partner in the EU World Cities Project. Both parties continued their discussion of potential areas of cooperation between the two cities.

After a round of introductions President Lim (ICEC) presented ongoing projects

- Gwangju: Cool Gwangju Project, Gwangju Heatwave Forum, 5th Climate Golden Bell etc. Particularly highlighted are:
 - Energy Valley Project (focus: effective use of energy and job creation etc.) in cooperation with KEPCO and regional governments near Gwangju

- Eco-friendly Vehicle Project: subsidized by the national government
- Tampere: Tampere's goal to become carbon-neutral by 2030

Areas of interest of participants:

- Gwangju: importance of international alliance of municipal and regional governments, smart city and smart mobility, use of renewable energy, effective energy use, joint participation to the Horizon 2020 with Tampere
- Tampere: in-door air quality management, vitalization of the local economy through and development of software for electric car projects, efficient energy use at the household-level, cooperation based on civil society
- EU: discussions in Tampere in November regarding OASCA Smart City initiatives and involvement of civil society in climate action

Potential areas of cooperation

- Role of private firms in the improvement of indoor air quality and reporting thereof
- EU will search for financial support measures for shared projects and continue its exchanges with start-up companies, innovation centers, universities, software companies etc.
- Development of smartphone apps with which citizens of one city can track climate action of citizens in other cities: information sharing between Gwangju and Tampere
- Joint participation at the Horizon 2020

KEPCO

Date: 15 March 2018

Time: afternoon

Participants: KEPCO, Kari, Elina, Jukka Lintusaari (Tampere), ICEC, Felix Kalkowsky (CityNet)

Points of discussion

KEPCO presented the company's smart city strategy. Its key elements are e-mobility (charging stations); energy storage systems, advanced metering infrastructure (AMI) as well as energy management system (EMS) installed in residential buildings and factories. Naju City (location of KEPCO headquarters) is a smart city initiative that started in 2016. Naju City has currently a population of 25,000 which is planned to be increased to 50,000. Furthermore, a new university with a focus on renewable energy and related fields is planned for 2020 as well as the establishment of a cluster for private companies and start-ups.

ANNEX:
PPT Presentations