

A large, light blue wireframe globe is positioned in the upper left corner of the slide, partially behind the main title text.

# **NTT Group's Commitment to Smart World**

**IoT Enables a Smart World**

# Las Vegas Public safety solution



Forecasting the people flow and  
optimizing the control method  
at the big event



Creation of new values  
by Connected Ship



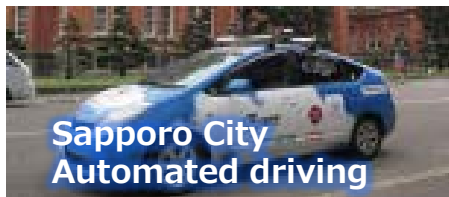
Demand Forecasting  
of Taxi Usage



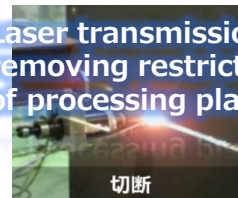
New IoT Platform  
for Manufacturers



Sapporo City  
Automated driving



Laser transmission  
removing restrictions  
of processing place



Hot weather countermeasure  
by the wear with sensor

Haneda Airport  
Visual Explorer Navigation Service



かざすだけ



Safe Vehicle Operation  
Using hitoe®



# IoT Enables a Smart World

Smart Agri

Smart Mobility

Smart Energy

Smart Stadium

Smart Airport

Smart Building

Smart City

Smart Home

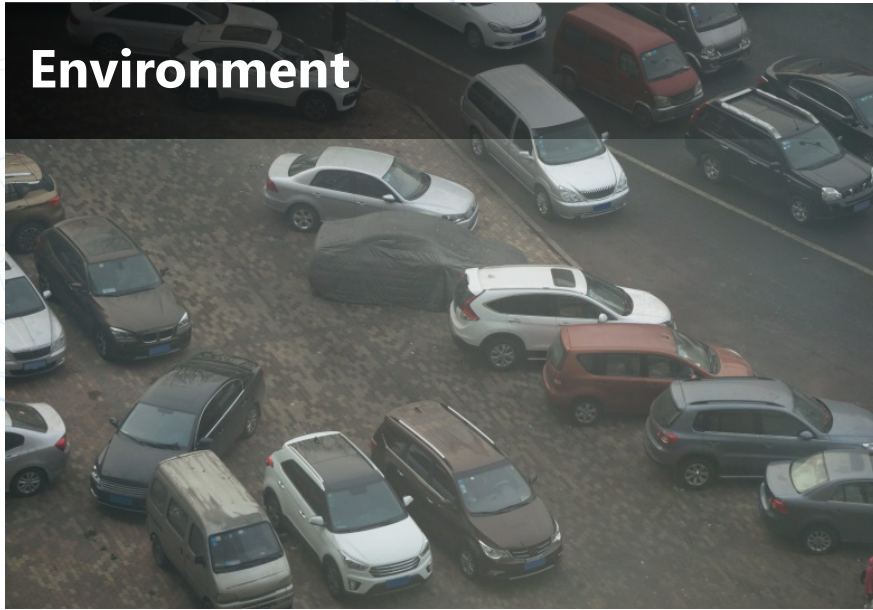
Smart Hospital

Smart Factory

Smart Plant



## Environment



## Aging social infrastructure



## Energy



## Aging population



# Promote urban solutions including on mobility and energy **NTT**

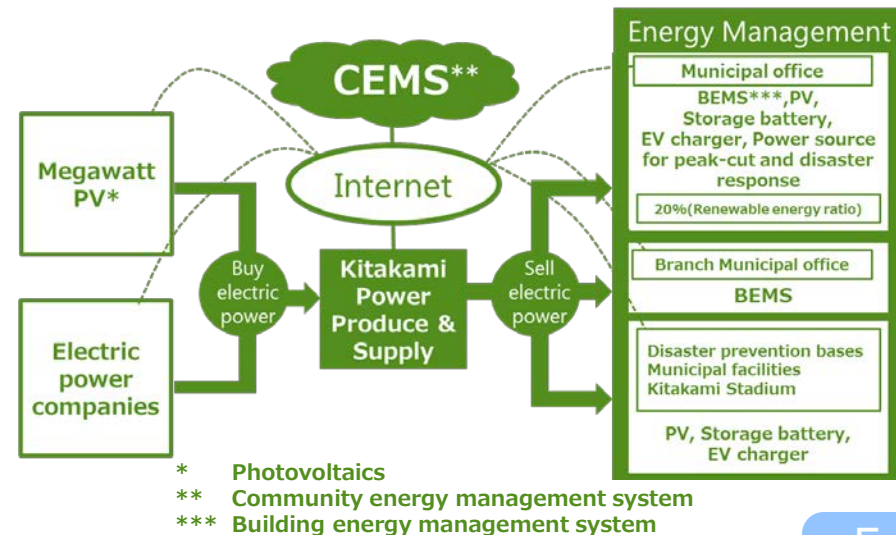
## Collaboration by multiple transport and commercial facilities: MaaS (Mobility as a Service, a mobility innovation consortium by JR East)

Demonstration of collaboration between railway and AI driven bus (DoCoMo/City of Yokohama) using Cloud Suica Authentication



## Regional Energy Management (Kitakami Power Produce & Supply)

Provision of energy services matching regional needs





# MOU signed off

**State of Nevada**



**City of Las Vegas**



**NTT**



**Agreed on accelerating smart city initiatives for mutual benefit**

# Promotion of NTT Group's unique urban solutions and Smart World

Maximum utilization of Group real estate,  
ICT/energy/environmental technologies, etc.

**Real Estate**



**Design/  
construction/  
maintenance using  
ICT (AI, robots,  
IoT)**

**New style of urban solutions and Smart World  
beyond conventional real estate development**

(1) Utilize real estate assets including telephone exchange stations that serve as IT base for core cities across Japan

(2) Cross-sector utilization of real estate and energy related people and technology

(3) Collaboration with corporations and municipalities

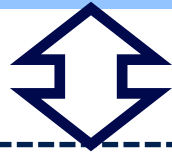


Promote Group-driven urban solutions with maximum utilization of Group assets **to contribute to realization of Society 5.0 where regional communities with unique character play the key role**



## Ownership of City Planning (by Regional Community)

Municipalities; corporations; transport services; shopping districts; shops; educational, medical, and cultural facilities, etc.



### Urban Solutions Business Promotion Company

Promote unique new urban solutions by NTT Group, leveraging on our collective strength

- Contact for NTT Group's urban solutions business
- Centralized management of urban solutions information
- Coordination of NTT Group and partner company's products

Collaboration

 NTT Urban Development

Real estate  
development/management

 **NTTFACILITIES**

Integrated facility service  
and energy management  
for the ICT platform

**NTT Group Companies**

Asset ownership, ICT  
services, etc.

Planning to launch a takeover bid from 16<sup>th</sup> Oct  
to make it a wholly owned subsidiary.

There's a possibility that the promotion structure will change by future discussion