

Mobility Changes the World

- Mobility makes a difference in peoples' life -



ICT for Sustainable World Human Happiness

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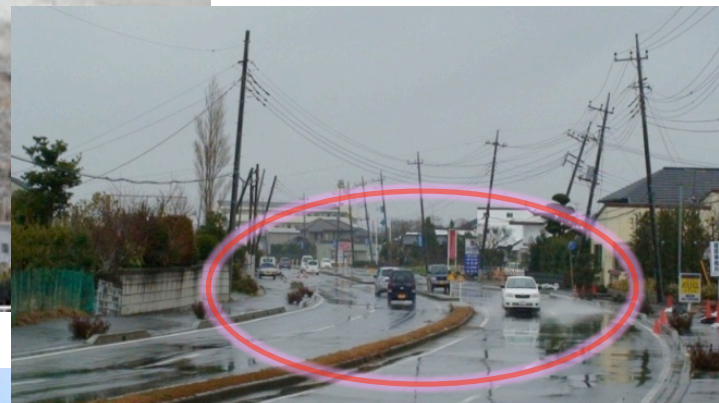
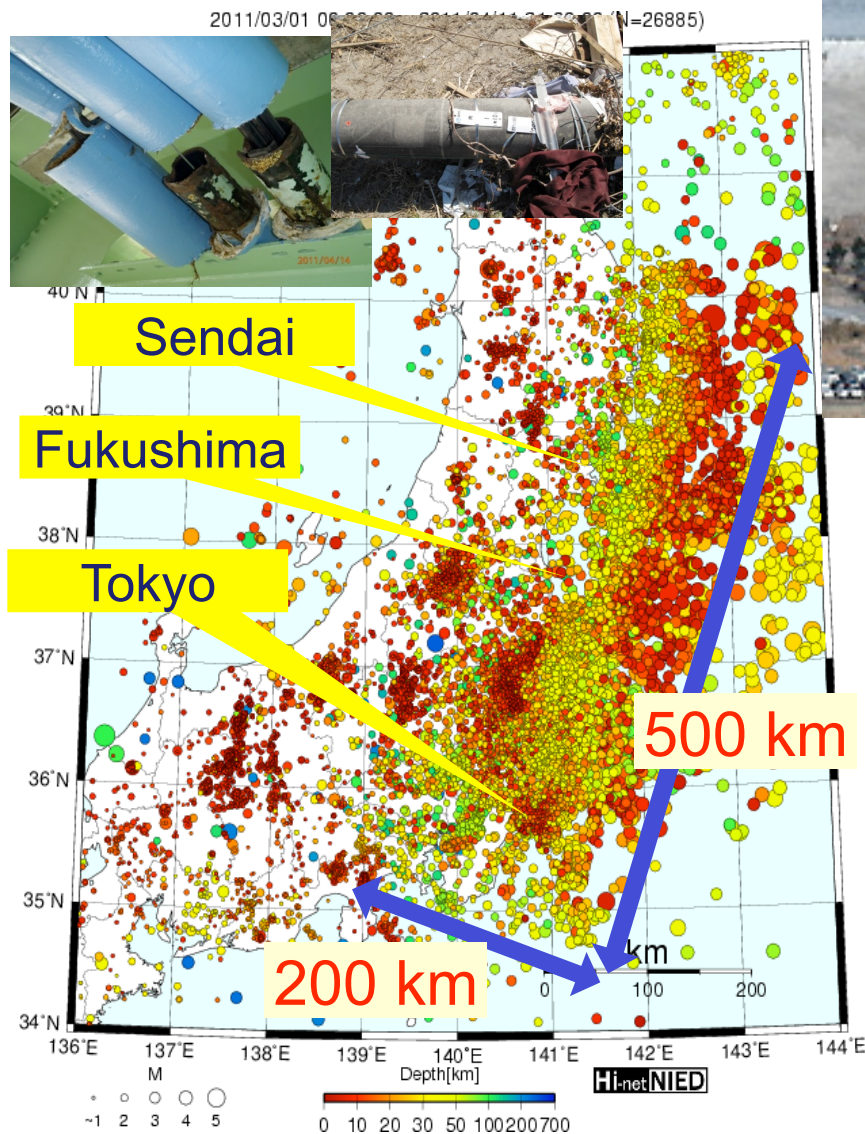


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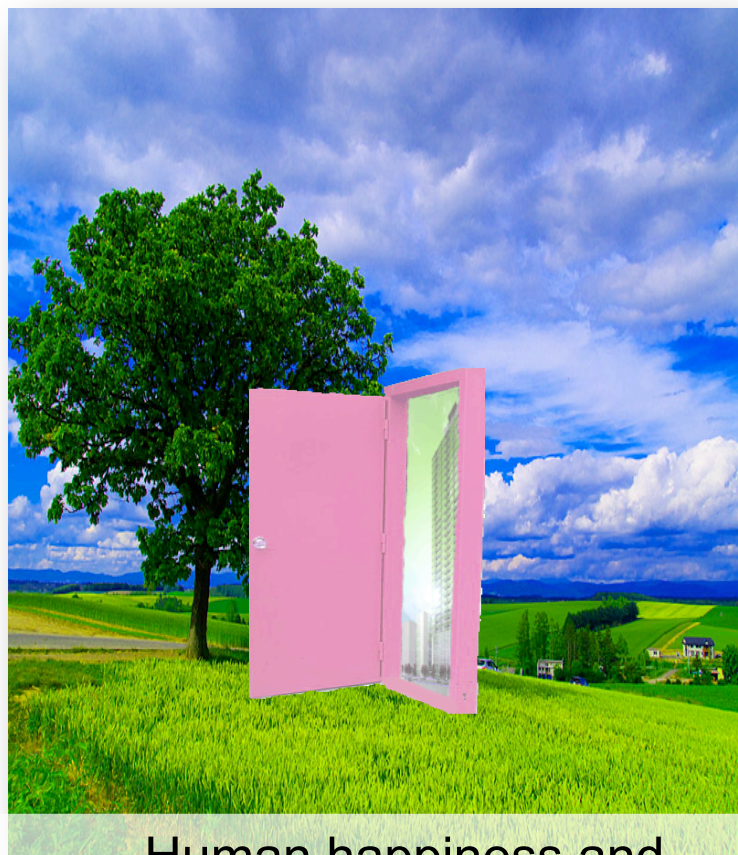


1. ICT for sustainable world and endurable ICT
2. Automobile: World new users and paradigm shift
3. From transportation to mobility
4. M2M/IoT/Ubiquitous world
5. New mobility meets with M2M/IoT/Ubiquitous through the Inter-Industry Innovations (I3C)

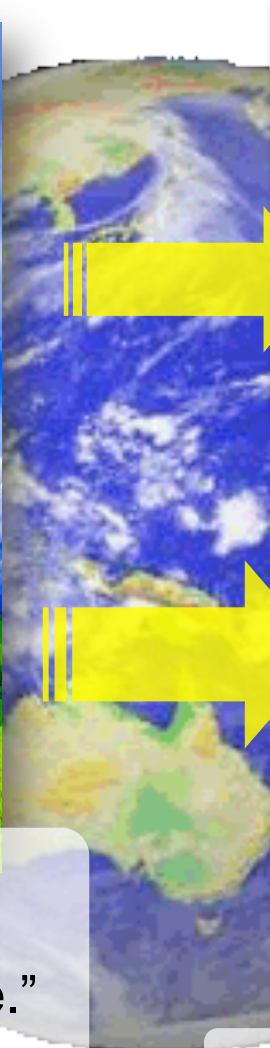
3.11 Disaster and Endurable ICT



ICT for Sustainable World Human Happiness



Human happiness and
Doko-demo-Door
“The Door to anywhere you like.”
One of the DORAEMON tool



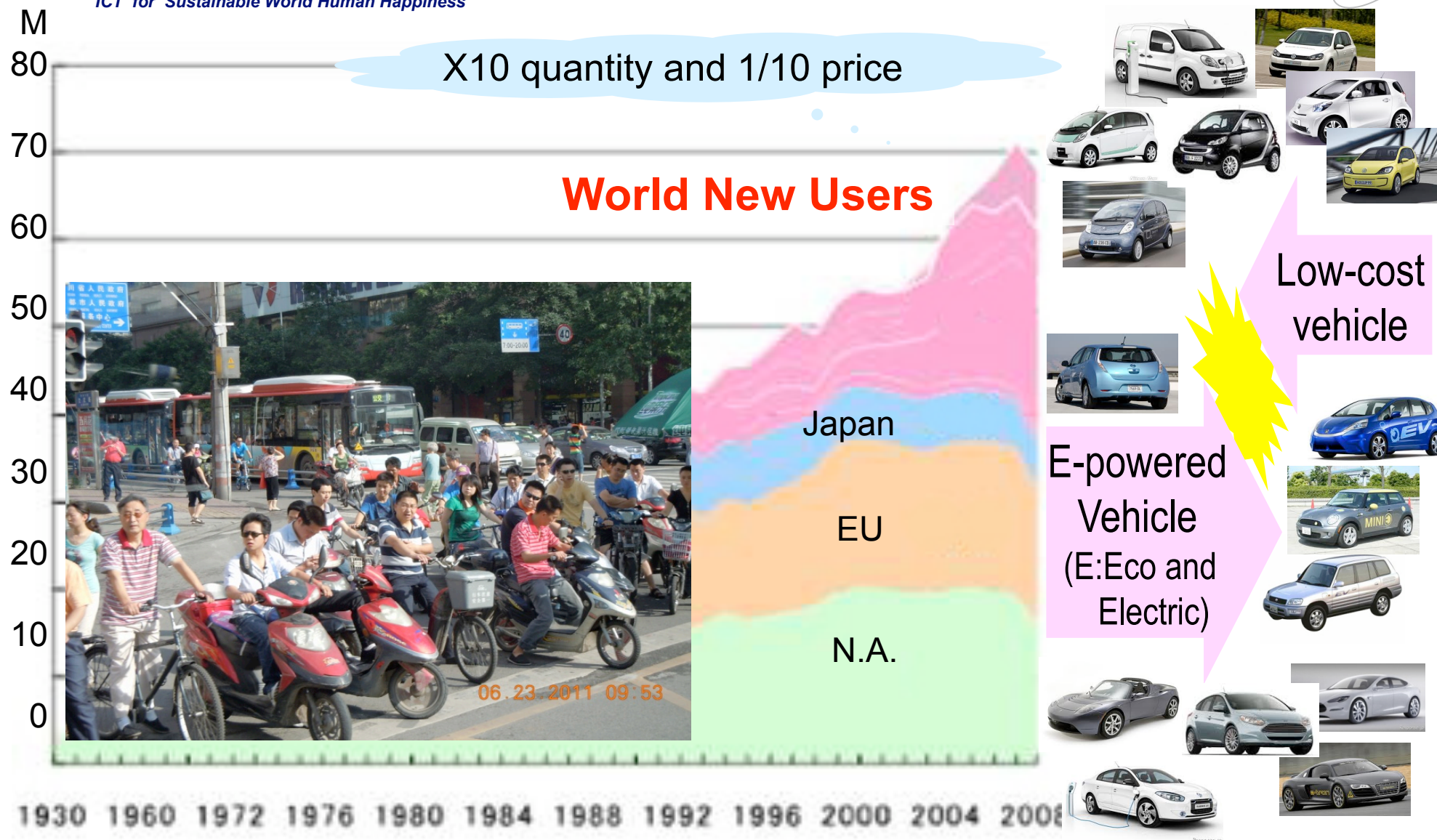
Virtual but Realistic Communications



Smart Car and New mobility



Mobility makes a difference in peoples' life



SHARE* Project for World New ICT Users



“ *Success & Happiness by Acting Regional Economy ” has been started in Asia.

Networked Van as a tele-center,
e-education, e-health, etc.



ICT application for e-fishery



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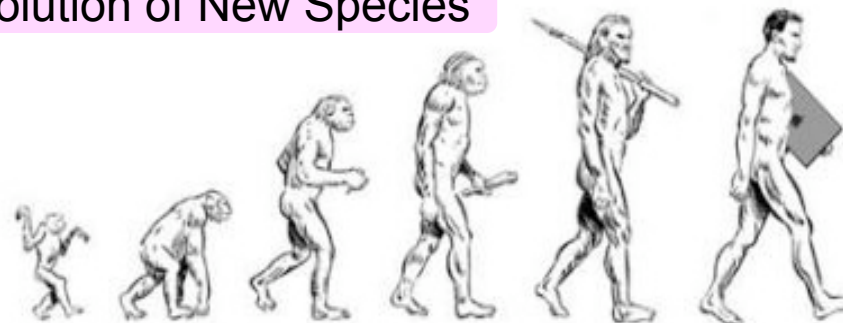
Automobiles' Paradigm Shift / Revolution



Prosperity of
High-performance Gas V & HV



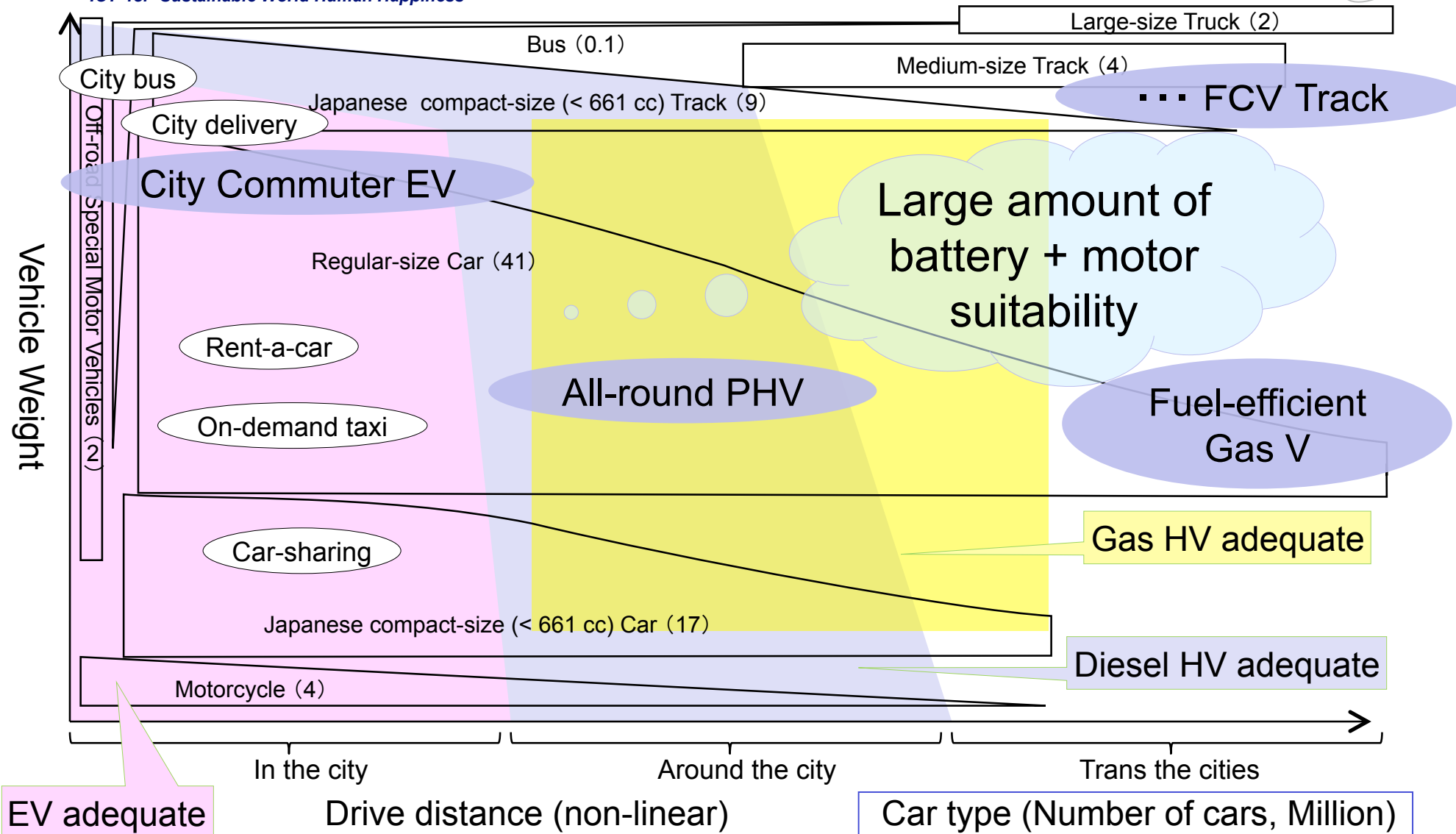
Evolution of New Species



EV (Mobile Electronics): Trigger of the huge shift in the industrial structure

Paradigm Shift: Camera \Rightarrow Digital, CRT \Rightarrow LCD, CD/MD \Rightarrow MP3 player,
E-bulb \Rightarrow LED, Landline \Rightarrow Mobile-phone, Newspapers \Rightarrow Tablet PC...

EV / HV suitability in Japan (Schematic Overview)



From Transportation To Mobility



Secure and safety

Human transporter (public / private)

Emergency

Tax

Social system (ITS & Infrastructure)

Road, and Parking system

Delivery

Mobile Service Platform beyond ITS

Mobile battery of the energy grid

Mobile robot

Mobile sickroom

On-board Pad



NEV=NSP

Location-free Energy

Mobile (security) sensor

Mobile network hub

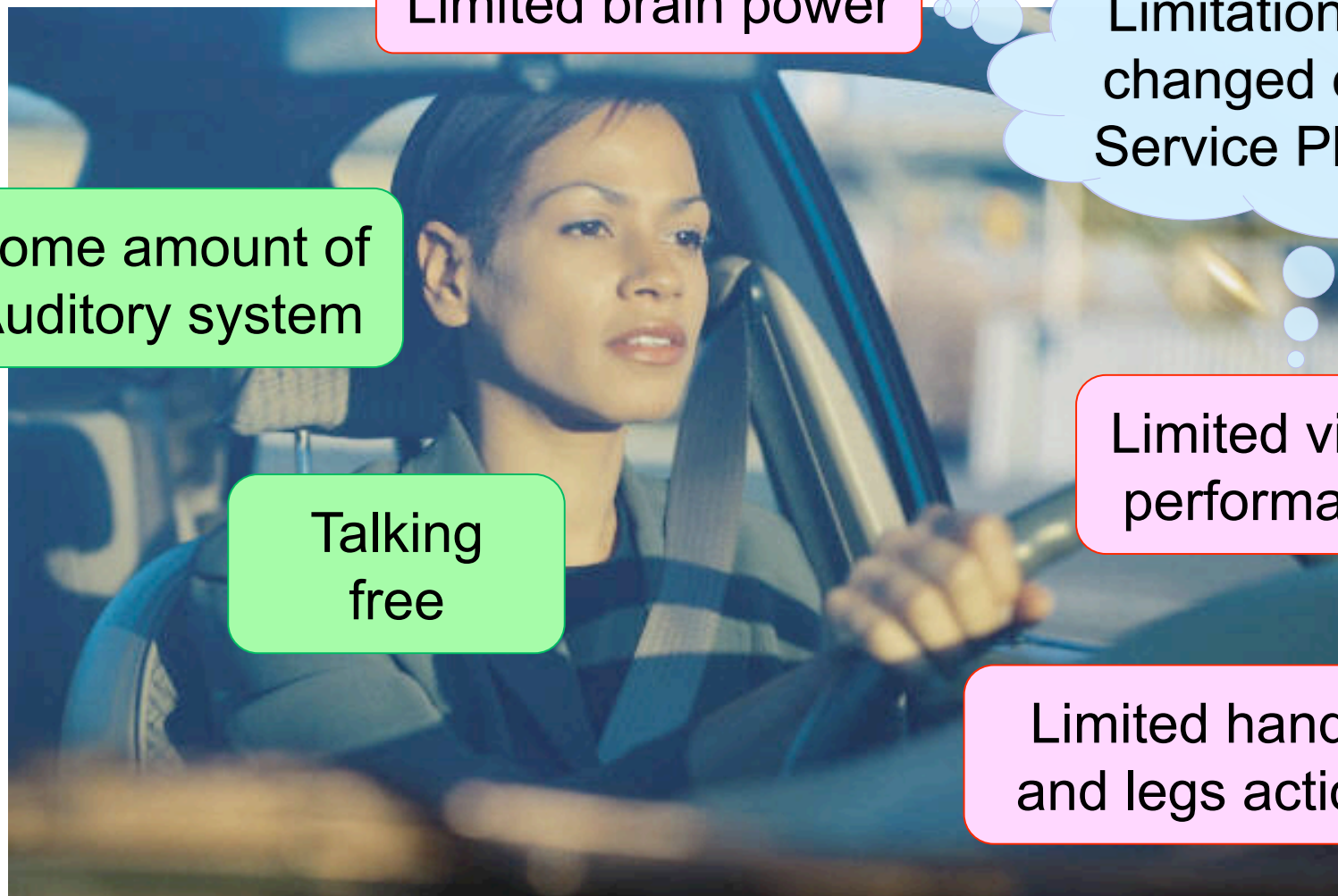
Mobile consumer electronics

New Service Platform:

City commuter, Medical and Information service, Tourism, Agriculture, etc...

Drivers Distraction

Human-"New Service Platform" Interface



Limited brain power

Limitation will be
changed on New
Service Platforms

Some amount of
Auditory system

Talking
free

Limited visual
performance

Limited hands
and legs action

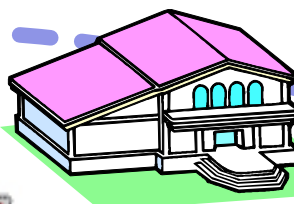
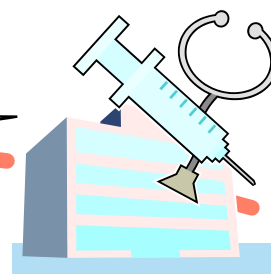
From the view-point of our consumer family



New Mobility is an important key player in M2M/IoT/Ubiquitous world



Transportation



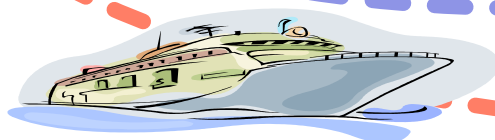
Smart Grid



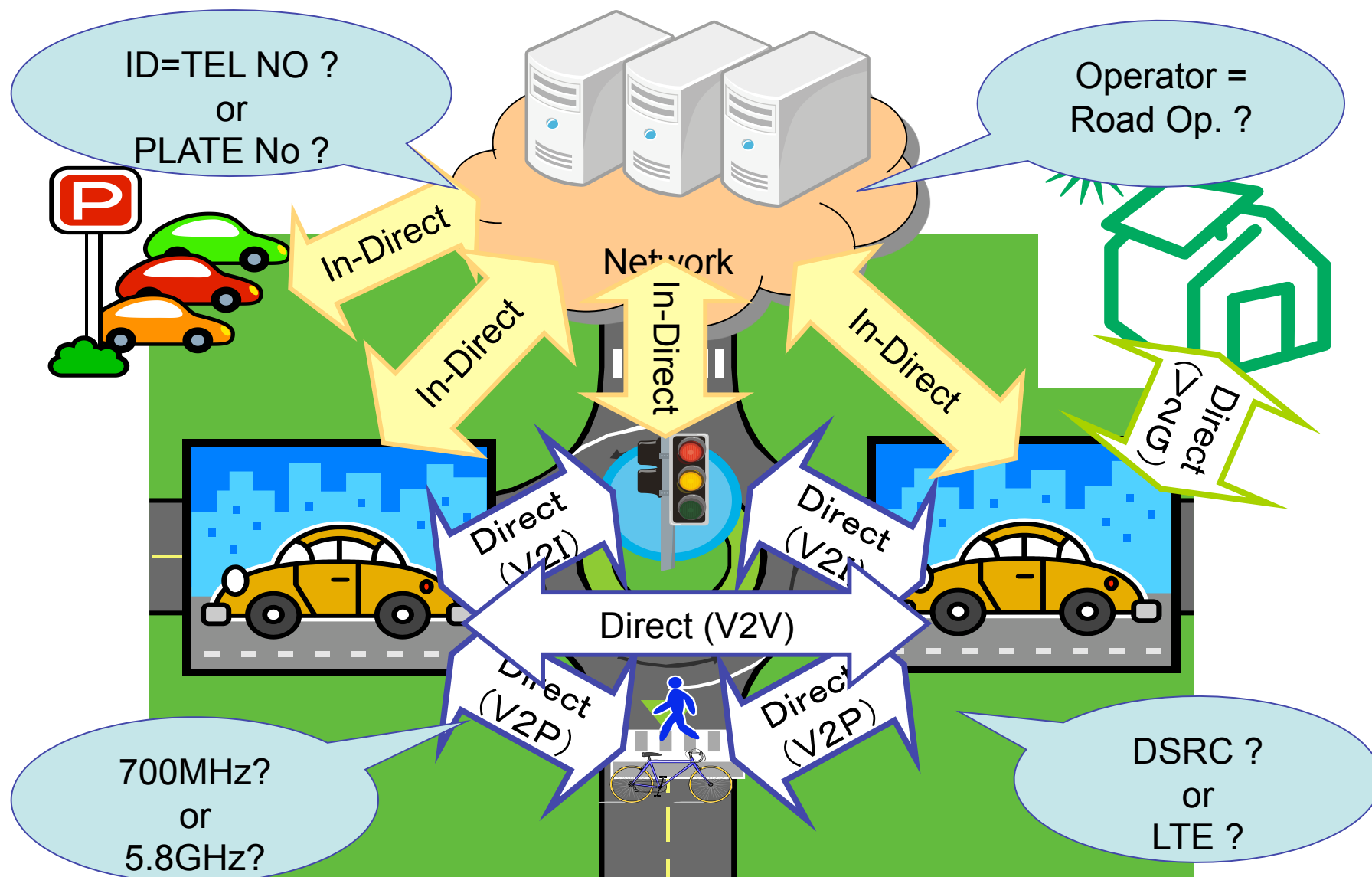
New Mobility Systems



NWEd Things

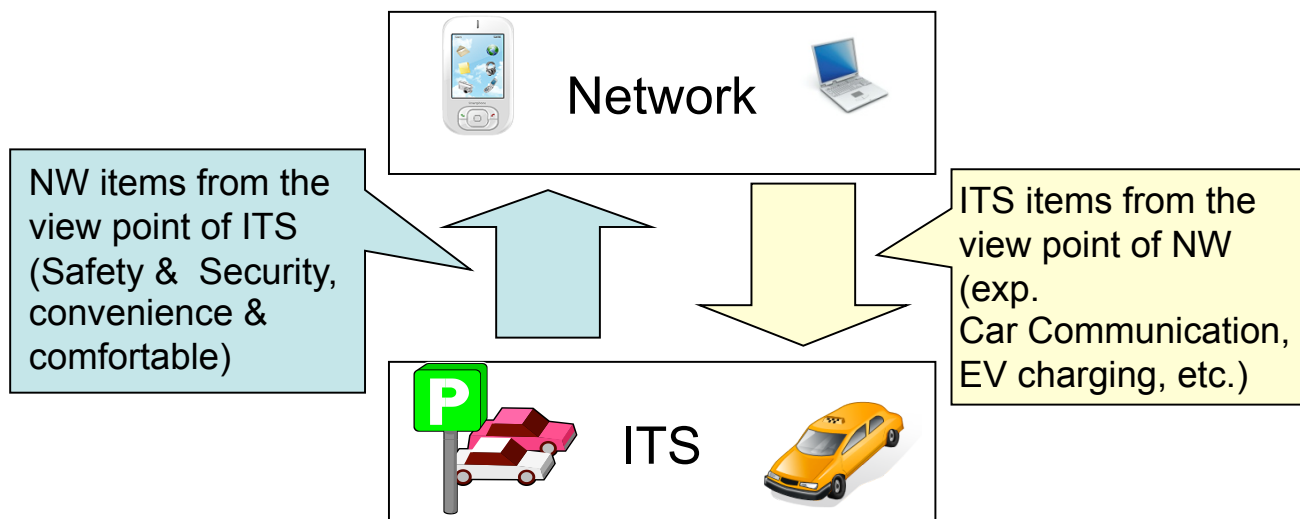


Scope of the “Networked Car” by Mr. Yasubumi Chimura

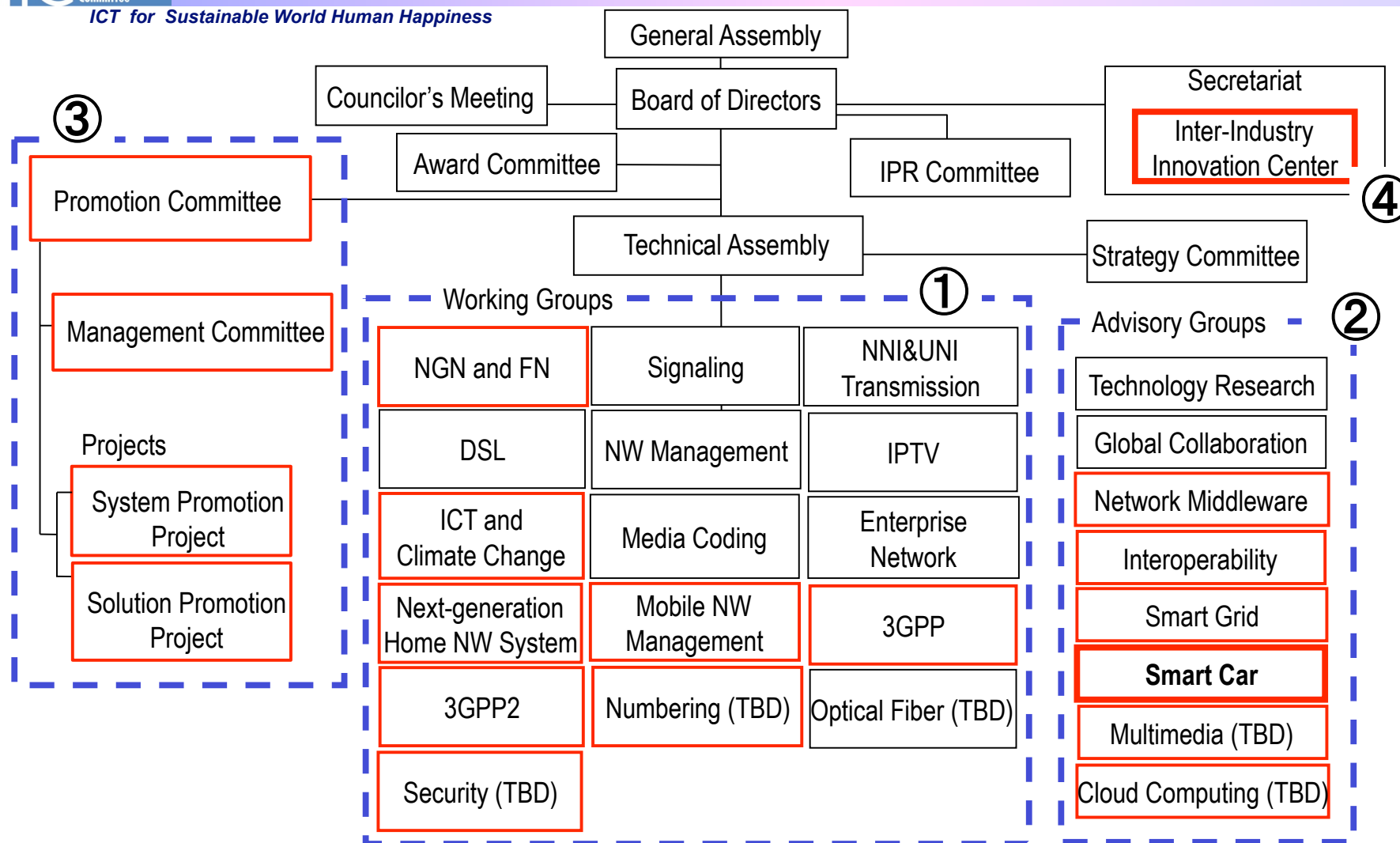


Mission of the “Smart Car-AG” by Mr. Yasubumi Chimura

- Mission: Pre-standardization discussion about the future mobile communications around the networked car.
- Near term Action Items:
 - Next-generation mobile network around the networked car
 - New applications and services in the mobility network
 - Work Items in ITU/ISO-Joint Task Force



New Mobility (Future ITS) Related Activities in TTC



①TTC member companies. ②Non-member & member. ③Asian promotion. ④I3C

***For World Human Happiness
and Endurable ICT***

***Let's start
Inter-Industry Communication for
Cooperative Innovation***



Thank you very much

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