"5W1H"

Asia-Pacific Telecommunity (APT)

"5W1H"

[What]

[Who]

[Which]

[Where]

[When]

[How]

Asia-Pacific ICT Ministerial Meeting

Six Key Priority Areas:

1) Conducive Policies for Sustainable Growth of ICT

   and Smart Digital Economy

2) Safe and Secure Society through ICT

3) Trust and Confidence in ICT

4) Sustainable ICT Ecosystem for Innovation

5) Capacity Building and Institutional Development

6) Fostering Regional Cooperation for ICT

   Development

APT Strategic Plan for 2015-2017

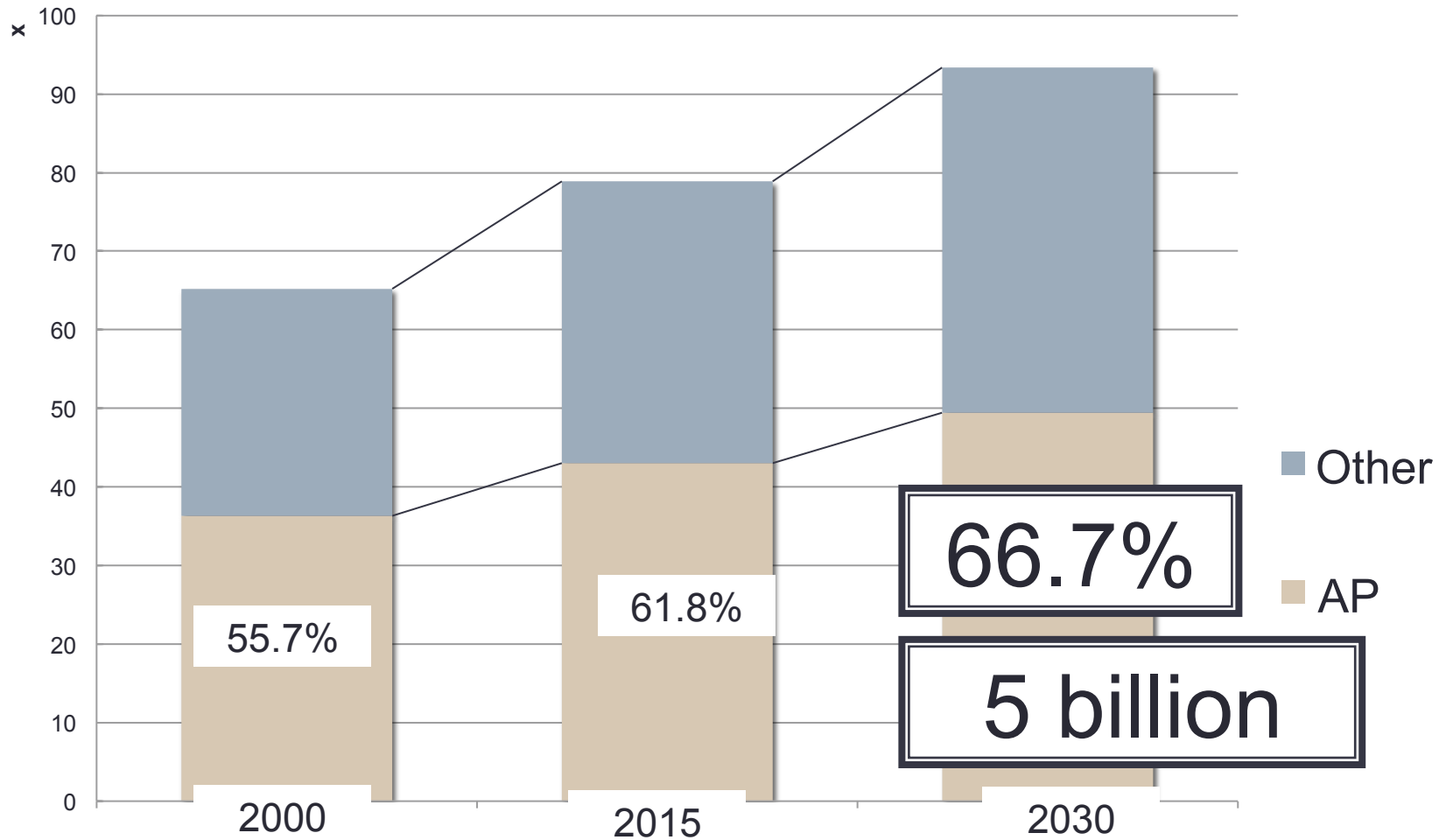APT Strategic Plan for the years 2015-2017 is divided into 8 main Work Items:

1) Policy and Regulation
2) ICT Development
3) Disaster Management
4) Cybersecurity
5) Radiocommunication
6) Standardization
7) Capacity Building
8) Regional Cooperation for ICT Development

WSIS Action Lines

C1. The role of public governance authorities and all stakeholders in the promotion of ICTs for development

C2. Information and communication infrastructure

C3. Access to information and knowledge

C4. Capacity building

C5. Building confidence and security in the use of ICTs

C6. Enabling environment

C7. ICT Applications:

C8. Cultural diversity and identity, linguistic diversity and local content

C9. Media

C10. Ethical dimensions of the Information Society
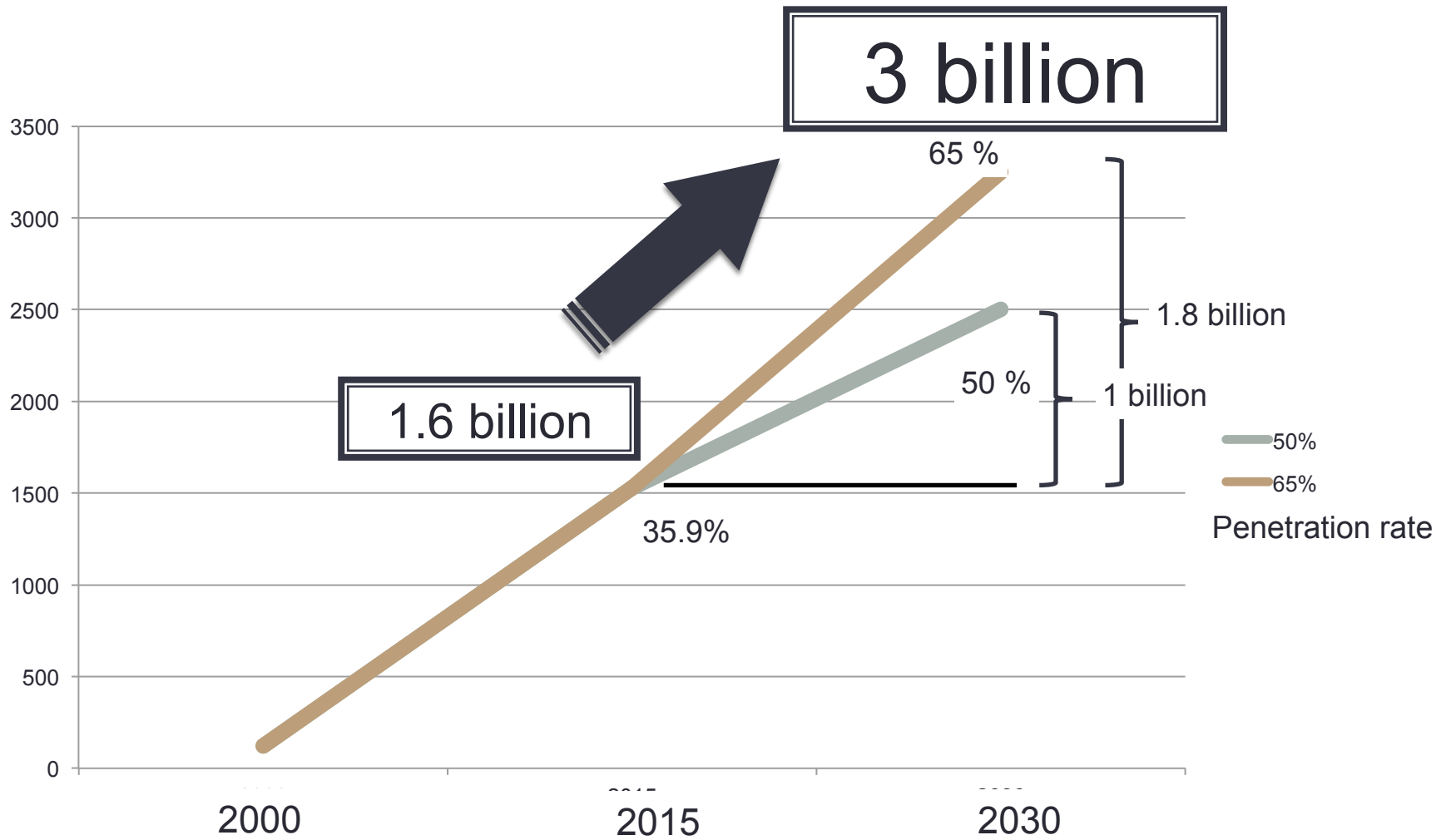
C11. International and regional cooperation
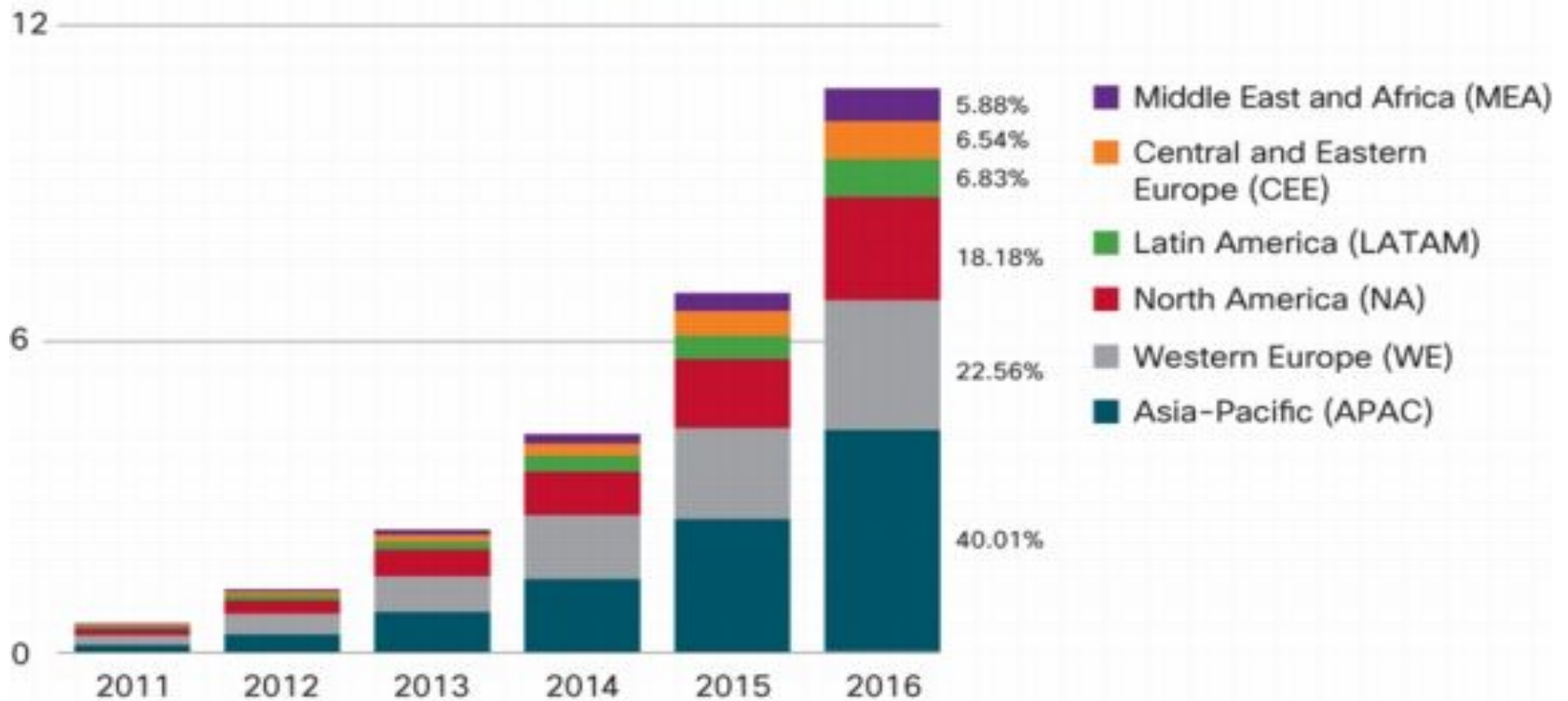
Example

World Population in 2030
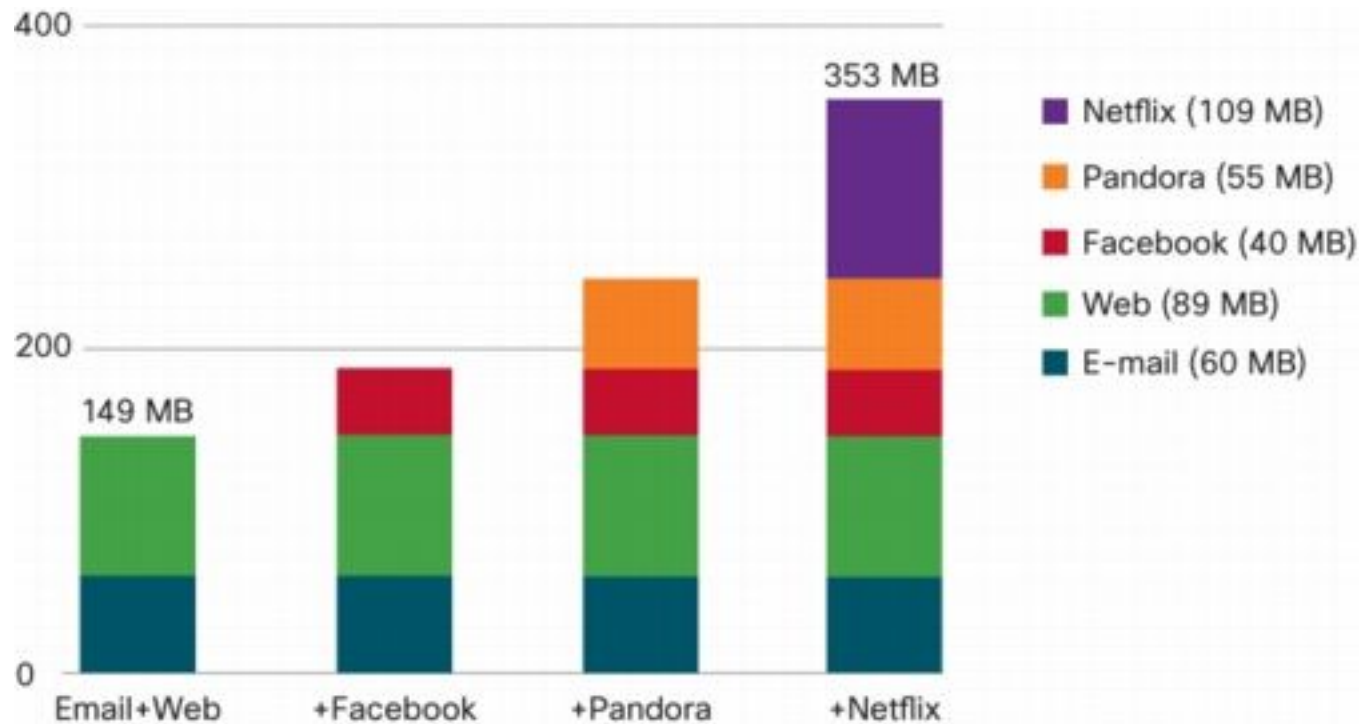

Source: World Bank

Internet users in Asia-Pacific

3 billion

1.6 billion

3500

3000

2500

2000

1500

1000

500

0

65 %

50 %

35.9%

1.8 billion

1 billion

— 50%
— 65%

Penetration rate

2000   2015   2030

Source: World Bank, ITU, internetworldstats.com

Data Traffic
(example)

Exabytes per Month

Source: Cisco VNI Mobile, 2012

Legend:
- Middle East and Africa (MEA) — 5.88%
- Central and Eastern Europe (CEE) — 6.54%
- Latin America (LATAM) — 6.83%
- North America (NA) — 18.18%
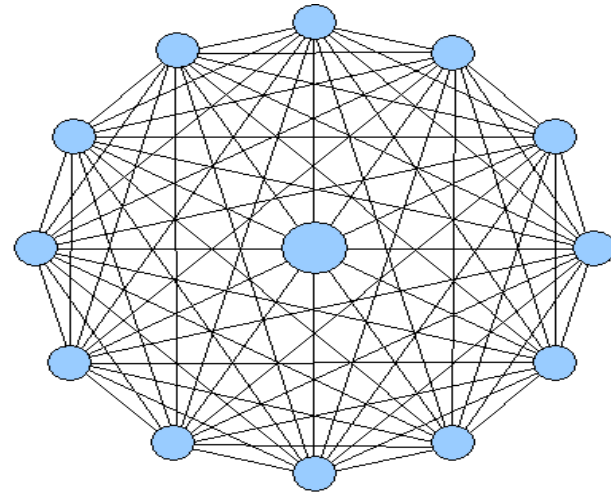- Western Europe (WE) — 22.56%
- Asia-Pacific (APAC) — 40.01%
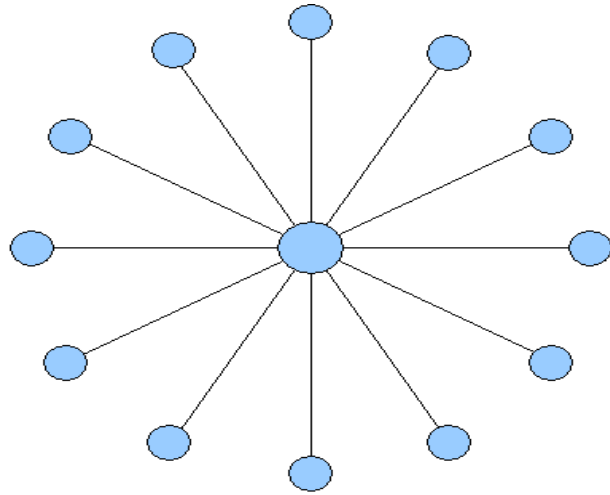
Data Traffic
(example)

Source: Cisco analysis of Arbitron Mobile data, 2012

How can we expand the capacity of current infrastructure as much as 20 times?

- Expand (horizontal)
- New technology (vertical)

New network (conceptual)

Local communication, local network

Sending message to a person next to you

Network
(example)

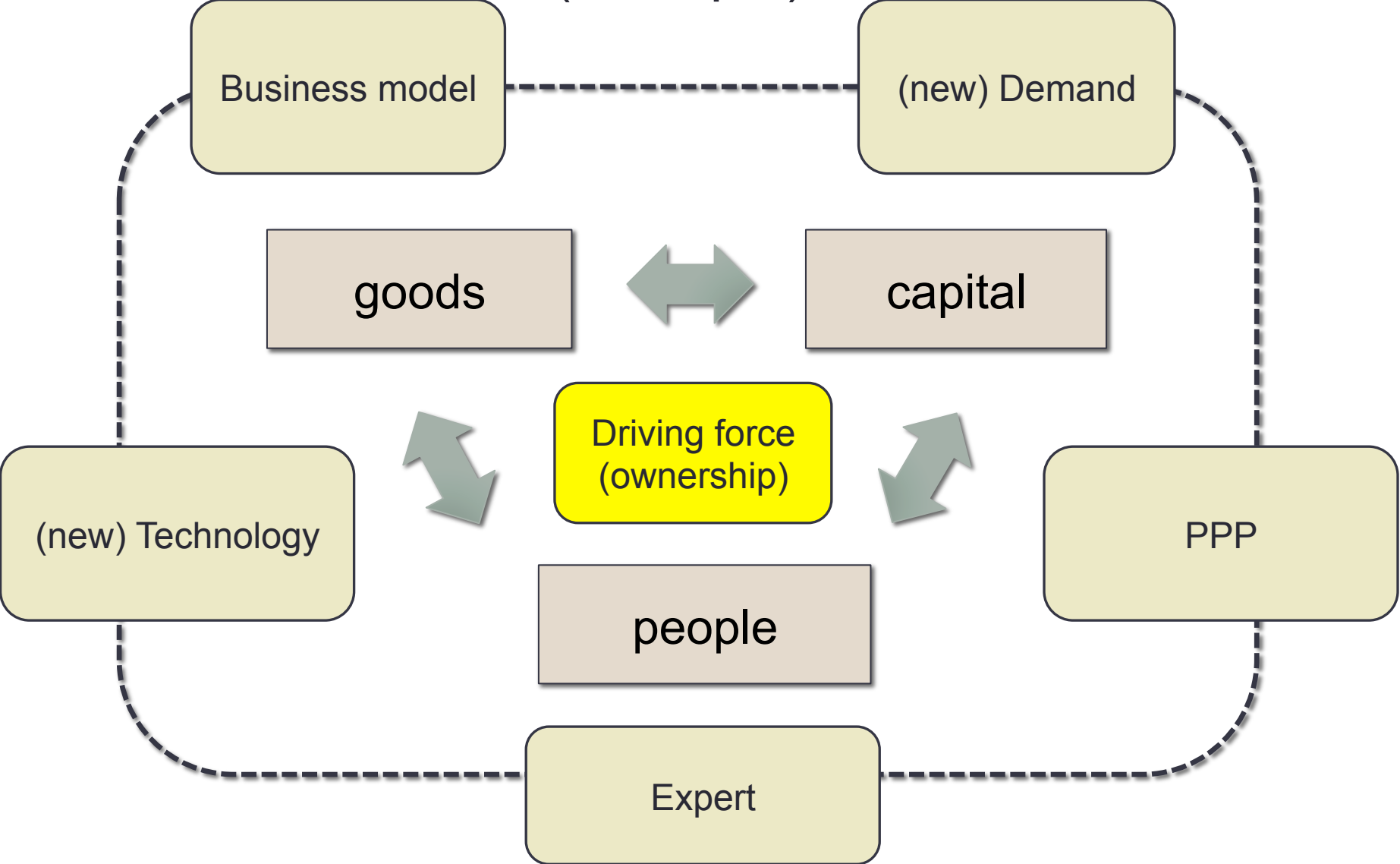Automobile can be a "moving" station for local communication

+

ITS Conference in Tokyo, 2013

Partnership
(example)

APT case

Reference

Disaster Management and ICT
- ICT ecosystem -

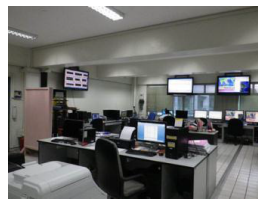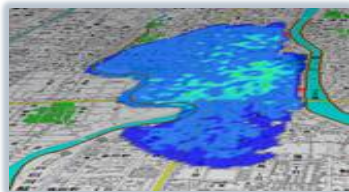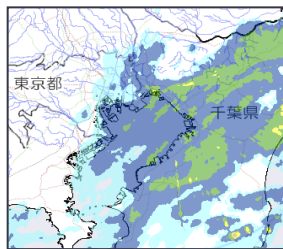Data collection (sensor, monitor) → Data Analysis → Dissemination (Broadcasting, Telecom) → restoration → reconstruction

Solid-state weather radar

disaster

Emergency warning broadcasting

Disaster Management and ICT
- role and scope -

	Collection	Analysis	dissemination	restoration	reconstruction
Equipment, technology					
application			ICT Industry & Government		
Platform/ infrastructure					
Best practice (lessons learned)	I			II	
International cooperation	III			IV	