

Global trends on data &

JICA's Support for developing countries through data

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Global Trend on Data

“Data Revolution”

“ Data Revolution” is a word to talk about recent development.

- UN; established Global Partnership for Sustainable Data Development
- World Bank; established Development Data Group, Open Government Data Group, (and recently GIS Team is established)
- USAID ; established Global Development Lab
- US Department of State ; established Data Revolution for Sustainable Development Team

MDGs and Data

*MDGs (-2015)

Focused on Data for Monitoring ;

Established “PARIS 21” for

(PARIS21 ; Partnership in Statistics for Development in the 21st Century)

- Improve awareness of statistics
- Improve statistical system

**Lesson from MDGs Monitoring

- Huge gaps on Availability and Quality of Data
- Little attention
- Low data frequency
- Little innovation

*** Need consideration for Post 2015 Agenda

High Level Panel for Post 2015 Agenda
appointed by UN Sec. general



8 Goals 21 Target,
Limited Poverty, Education, Gender,
Health, Environment and
Partnership

Discussion on Post MDGs

Post MDGs Discussion started in 2013

High Level Panel for Post 2015 Agenda

After 2 years discussion SDGs is Launched.



17 Goals 169 Target,
It spans a wide range of sector and fields

Data revolution

“Data revolution” was first expressed in May 2013

By High Level Panel for Post 2015 Agenda ⇒ *SDGs*

Data revolution part in Final Report

Better Data and Statistics will help government;

- 1) Track Progress,
- 2) Make sure their “evidence-based decision”,
- 3) Strengthen “accountability”,

True Data Revolution draw on data to integrated statistics into decision making, promote open access to data and use of data....

⇒ After this report,

“UN Independent Expert Advisory Group (IEAG) on a Data Revolution for Sustainable Development”

is established.(2014. Aug., Final Report 2014.Nov)

IEAG for Data Revolution's Report

- Develop a global consensus on principles and standards
- Share technology and innovations for the common good
- New resources for capacity development
- Leadership for coordination and mobilization

⇒ UN led :

“Global Partnership for sustainable Development Data Group”

- Initiatives :
- World Forum on Sustainable Development Data
 - Global users forum for Data for SDGs
 - Brokering key global PPP for data

-Exploit some quick wins on SDGs Data

Establish “SDGs Data Lab” will be in June 2017

Present Activities for Data revolution

1) Global Partnership for Sustainable Development Data Group

(Its Goals)

- Improve the effective *use* of data
- Fill key data gaps
- Expand data literacy and capacity
- Increase openness and leverage of existing data
- Mobilize political will and resources

(Members) 170 including Governments, Donors, Privates, NGOs are join

2) UN Global Working Group on Big Data for Official Statistics

(objectives)

In order to work with Big Data

- Facilitate access to Big Data sources for official statistics
- Facilitate forming partnerships with other public and private organizations

3) PARIS 21

- Statistical capacity building for developing countries
- Expands countries effectively to take advantage for Sustainable Development Goals (SGDs) and the Data Revolution present.

Importance Data for SDGs



SUSTAINABLE DEVELOPMENT GOALS
17 GOALS TO TRANSFORM OUR WORLD



Need Handle intertwining and deep related Goals and Targets and lead to Policies

JICA's Support for developing countries through data

JICA started “Consideration of Data” from different view

Discussion in JICA

Application of ICT in Developing Countries
(by JICA ICT Team)

Transformative Innovation for International Development
(by JICA RI with CSIS in US)

How improve our project?
⇒ Consider Data innovation

Transformative Innovation for International Development year 2
(by JICA RI with CSIS in US)

Discussion in the world

MDGs Review, Post MDGs Discussion

High Level Panel & IEAG for Data Revolution

Considering Partnership for Data Revolution
Improvement of Data treatment
By UN, WB, and many donors, private, NGOs



The direction matched surprisingly

JICA's support for developing countries through data

- JICA has implemented cooperation on the “Data”.
 - Statistics Capacity Development Project
 - Implement Population/Economic Census
 - Capacity Development for Officials
 - Person Trip Data collection survey in Master plan study
 - Satellite data for Forestry, Urban Development, Disaster prevention, mineral resources etc.
- Recently, It spreads little by little, mainly on projects seeking creative ideas of applicants.

SME Overseas business development, PPP/BOP Business development, Grass roots support, SATREPS

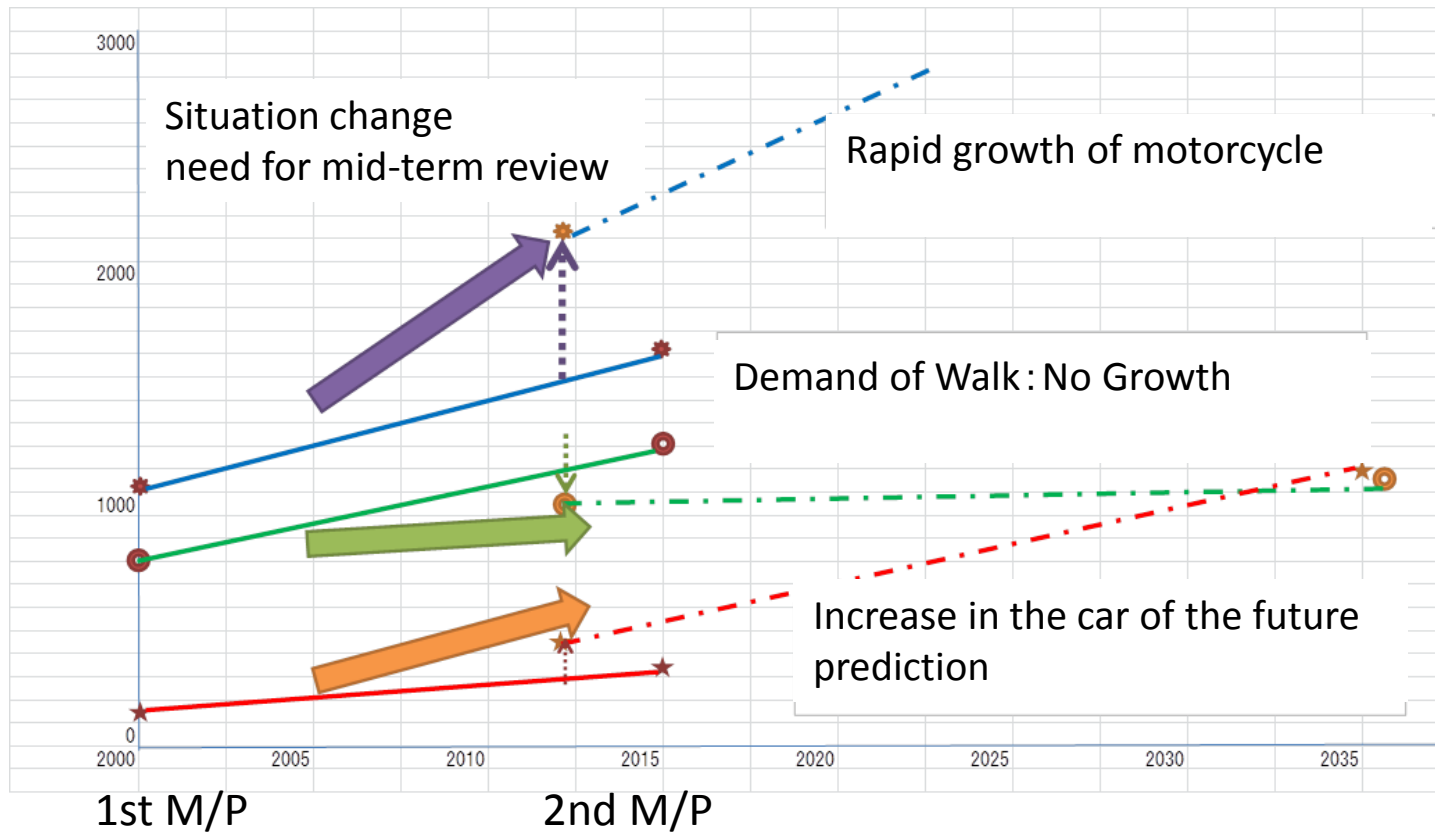
(Recent) considerations

- Correspond to SDGs
- Sustainability of Data
- Awareness
 - ⇒ Capacity, Budget and Policy / Regulation
- Capacity Development
- Improve our cooperation

Both “ Develop technology for easy to use” and “sustainable use by government officials”

Phnom Penh Urban Master plan case

Implement 2 Times Master plan study. Between 2 study, less follow up.



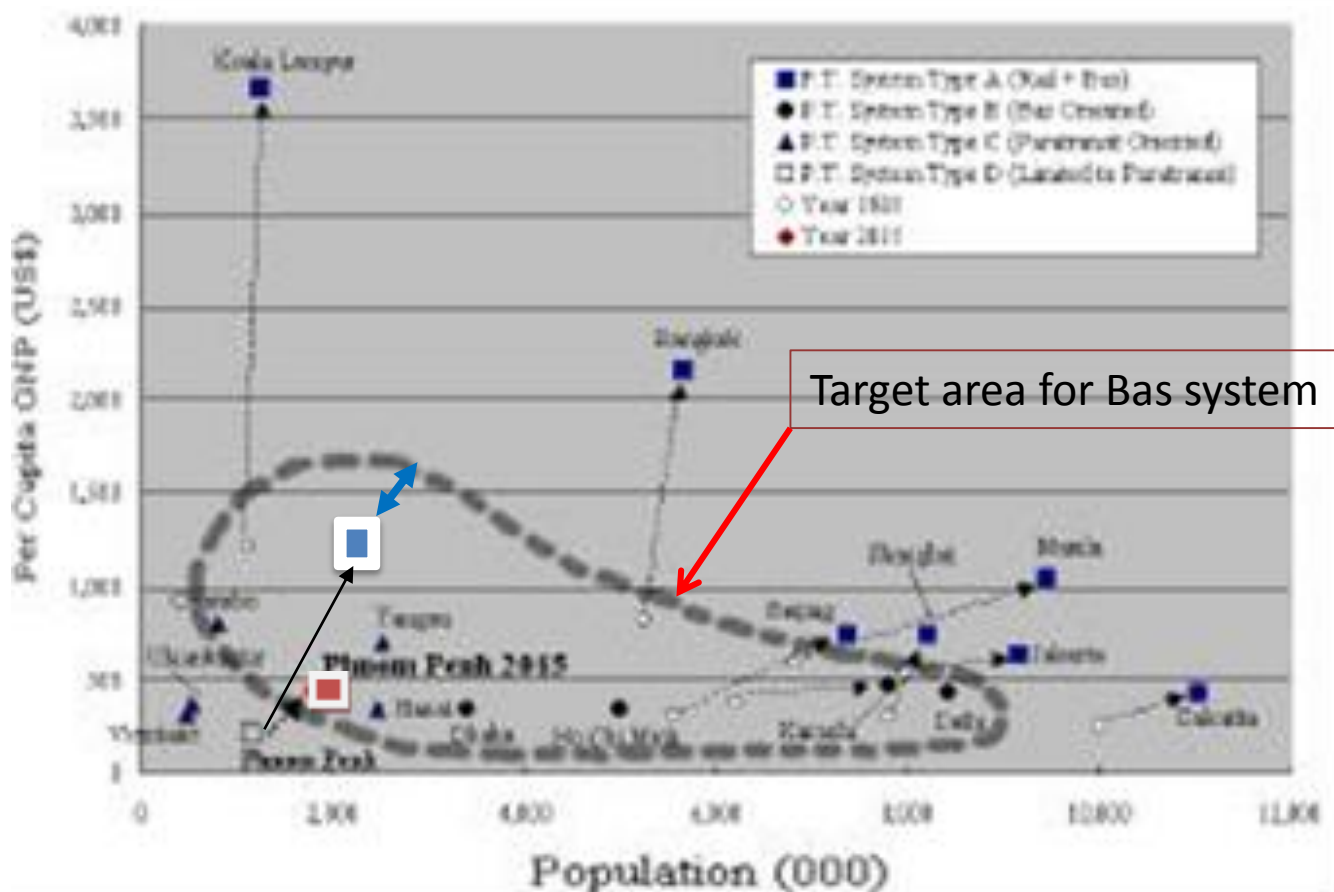
Concerns:
(P4. MDGs)

Little attention

Low Data frequency

Little innovation

Phnom Penh Urban Master plan case



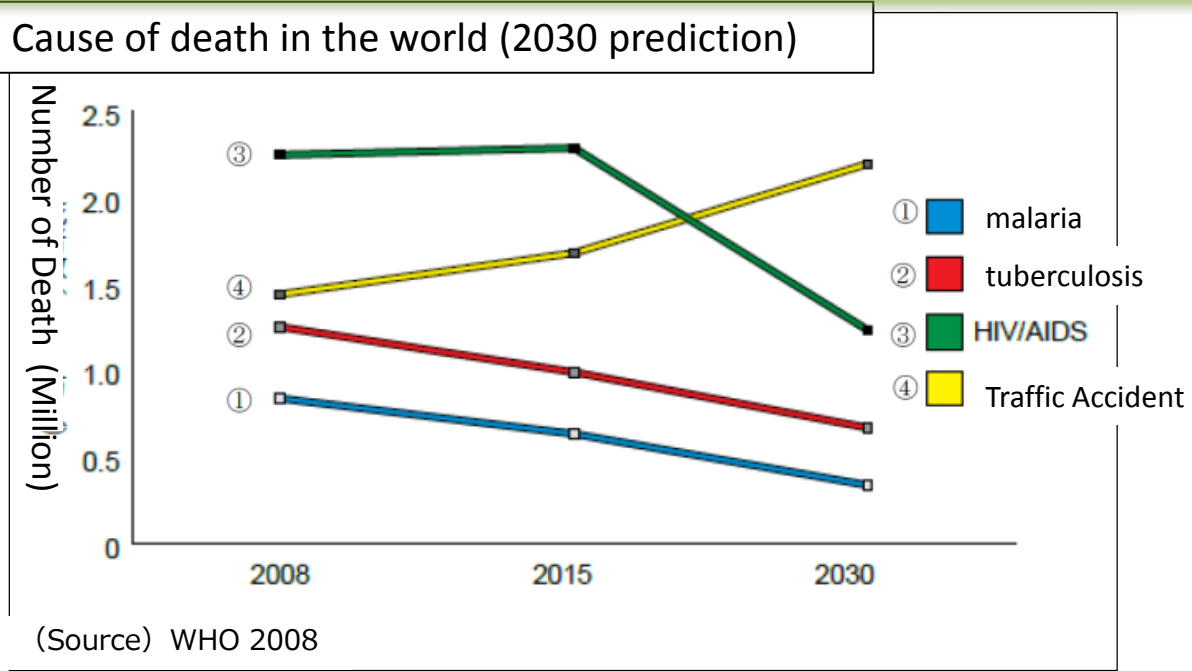
Need (P.6 Data revolution definition)

- 1) Track Progress with frequency
- 2) Make sure their “evidence-based decision”,
- 3) Strengthen “accountability”,



Sustainability of Data,
 Awareness
 Capacity Development
 And Improve our cooperation ¹⁵

Case correspond to SDGs (Increase of Death caused by Traffic Accident)



SDGs Target 3.6

In 2020, reduced by half the casualties of road traffic accidents

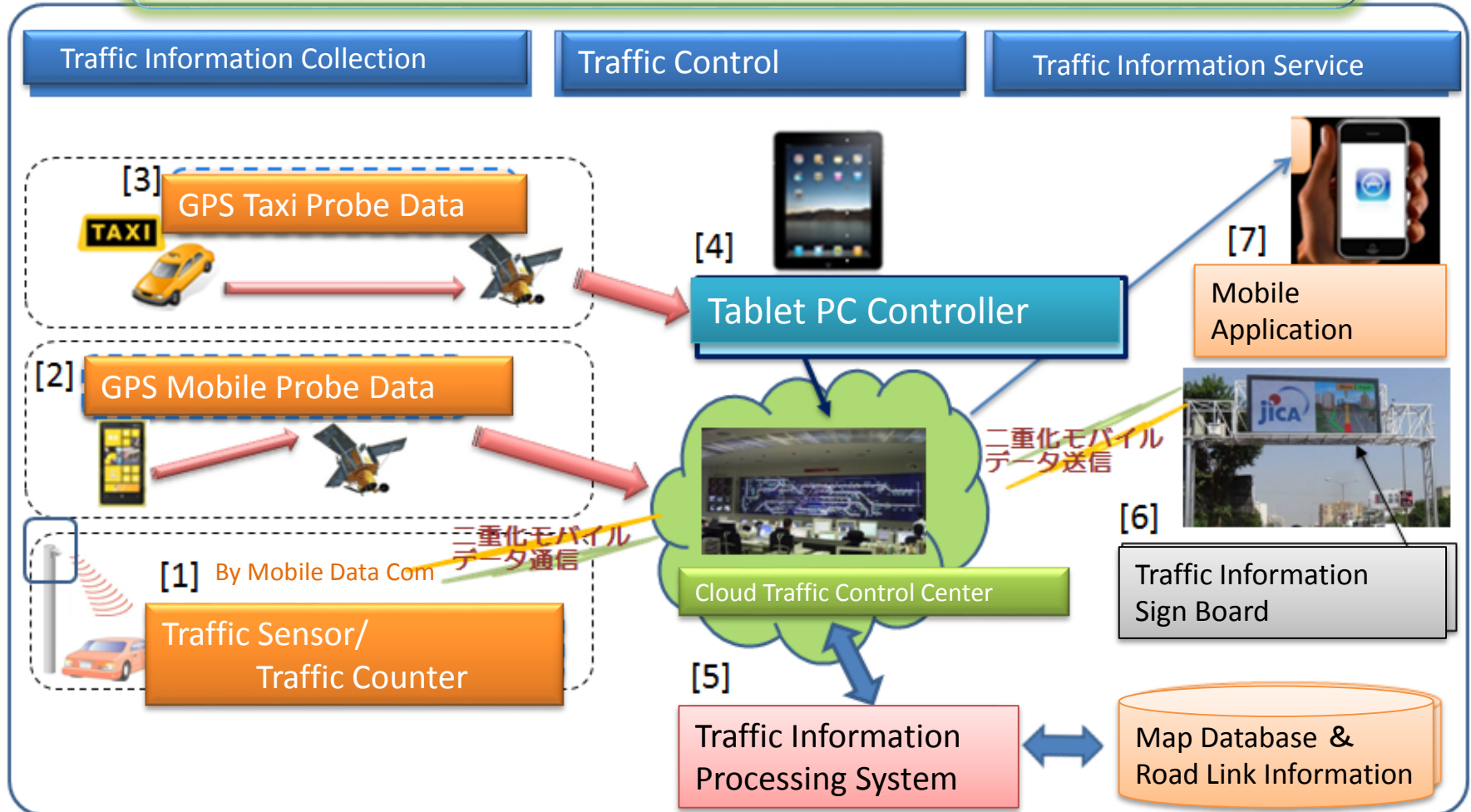
The traffic accident measures ;

Health, Traffic measures, Governance (Traffic police, etc.), Education are important sector for this issue.

➡ Monitoring and evaluation by Data

Recent trial using mobile data

The ITS Demonstration and Dissemination Project in India



Zero Sum Co. Ltd (SME's oversea business development project)

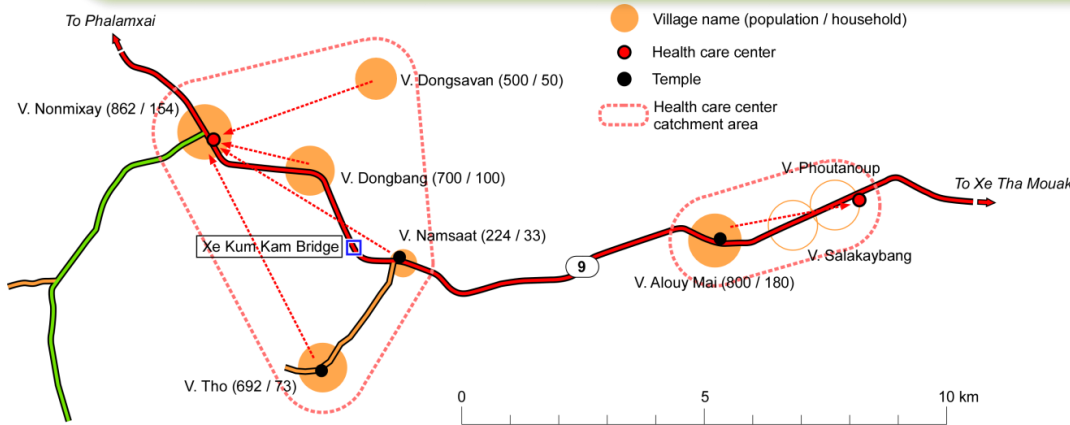
Innovation

Data frequency

More attention

Recent trial considering people's living

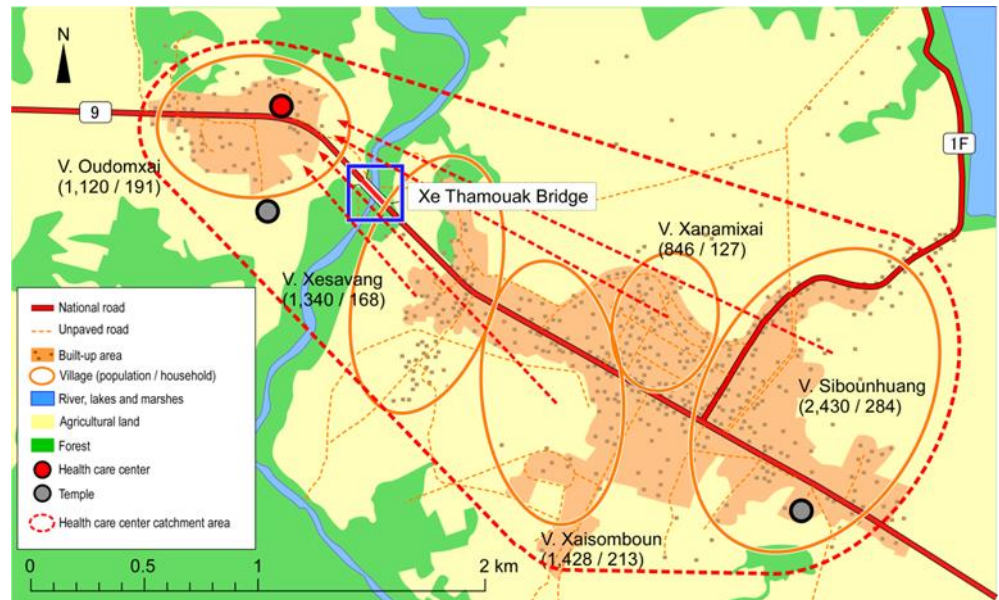
The Project for the Reconstruction of the Bridges on National Road No.9 in Lao



Traffic line study regarding People's Hospital visit



Data for considering pedestrian safety design.



Consideration for Future Development

- Not only Data Technology development,
also Awareness and Capacity development.
 - ~ JICA itself as well as developing countries
- Traditional Data and New developed Data
- Cost, available pay for developing countries
- Cost for development and maintenance(Data business model)
- National security and personal identifiable information

Thank you for your attention