Institutional Frameworks and Leadership for E-government Development
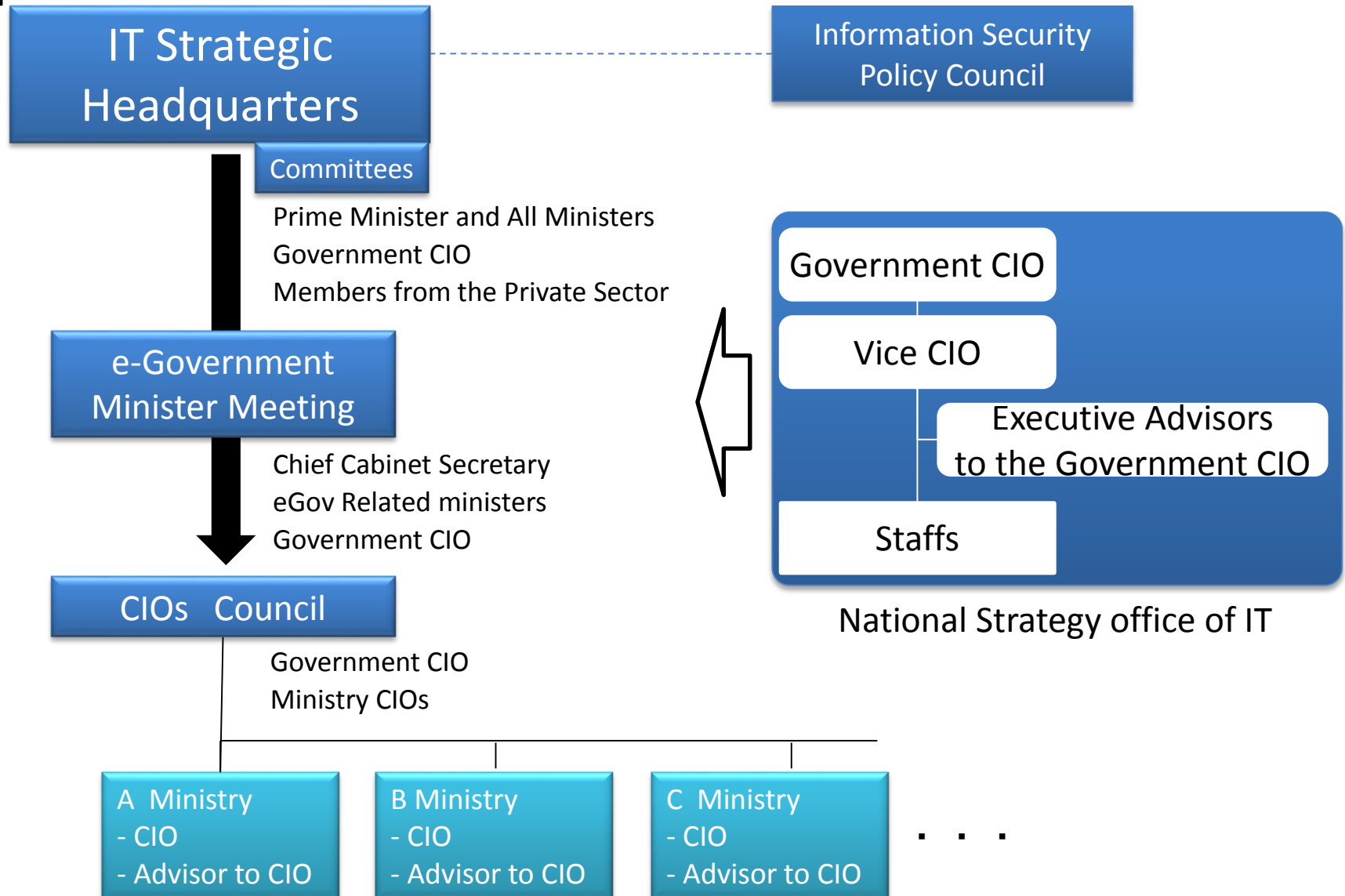
Kenji Hiramoto

Executive Advisor to the Government CIO

Cabinet Secretariat, Japan

The Organization for Promoting e-Government

- The GCIO was established in 2012 and it's become institutional position in 2013.

IT Strategic Headquarters

Information Security Policy Council

Committees

Prime Minister and All Ministers
Government CIO
Members from the Private Sector

e-Government Minister Meeting

Chief Cabinet Secretary
eGov Related ministers
Government CIO

CIOs Council

Government CIO
Ministry CIOs

Government CIO

Vice CIO

Executive Advisors to the Government CIO

Staffs

National Strategy office of IT

A Ministry
- CIO
- Advisor to CIO

B Ministry
- CIO
- Advisor to CIO

C Ministry
- CIO
- Advisor to CIO

. . .

IT Strategy: Declaration to be the World's Most Advanced IT Nation

2013-2020

Principles

1. Eliminating Gridlock and Rejuvenating Japan
2. Becoming an IT Utilization Society at the World's Highest Levels

The Society models

1. A Society that Encourages the Creation of New and Innovative Industries and Services and the Growth of All Industries
   - Open data, Agriculture, Entrepreneurship, Local communities, Imaging industry and "Omotenashi (hospitality)"
2. The World's Safest and Most Disaster-Resilient Society where People can Live Safely, with Peace of Mind, and Comfort
   - Healthcare, Disaster management, Energy, Transportation and Work style
3. One-Stop Public Services that Anyone Can Access and Use at Any Time
   - E-Government, National-local collaborated service and IT governance

Government CIO & his team strongly promote the strategy

■ Transparency is one of the top priorities for the strategy. Based on the facts, we get a process going forward.

  ➢ The GCIO held many hearings to the CIOs of all Ministries and program managers.

Strategy

Roadmap

Action Plan

Action

Result(IT dashboard)

Not only checking the progress of each program, we offer advice and help .

How to coordinate all projects

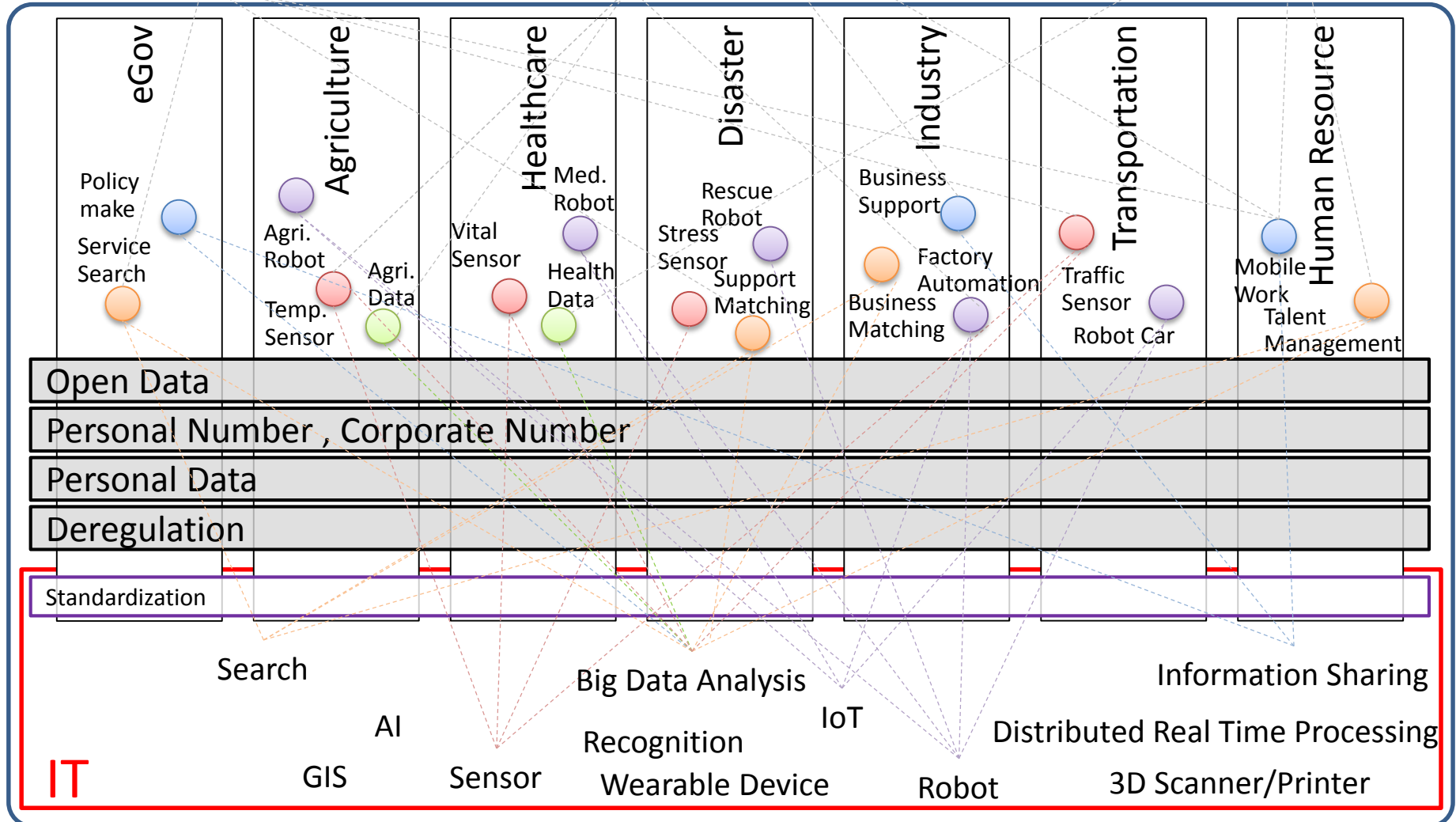## Society

Citizen-centric Public Services
Learning Everywhere
Personalized web Service
Multilingual Guide
Global & Flexible Work Style
Vegetable Factory

Innovative Services
Smooth movement
Personal Health Data Bank

Public Safety
Vigorous Old Person
Work Share

eGov	Agriculture	Healthcare	Disaster	Industry	Transportation	Human Resource
Policy make	Agri. Robot	Med. Robot	Rescue Robot	Business Support	Traffic Sensor	Mobile Work
Service Search	Temp. Sensor	Vital Sensor	Stress Sensor	Factory Automation	Robot Car	Talent Management
	Agri. Data	Health Data	Support Matching	Business Matching		

Open Data

Personal Number , Corporate Number

Personal Data

Deregulation

Standardization

IT
Search
AI
GIS
Sensor
Big Data Analysis
Recognition
Wearable Device
IoT
Robot
Information Sharing
Distributed Real Time Processing
3D Scanner/Printer

How to coordinate all projects

Society

Citizen-centric Public Services   **Innovative Services**   **Public Safety**

Learning Everywhere   Global & Flexible Work Style   Vigorous Old Person

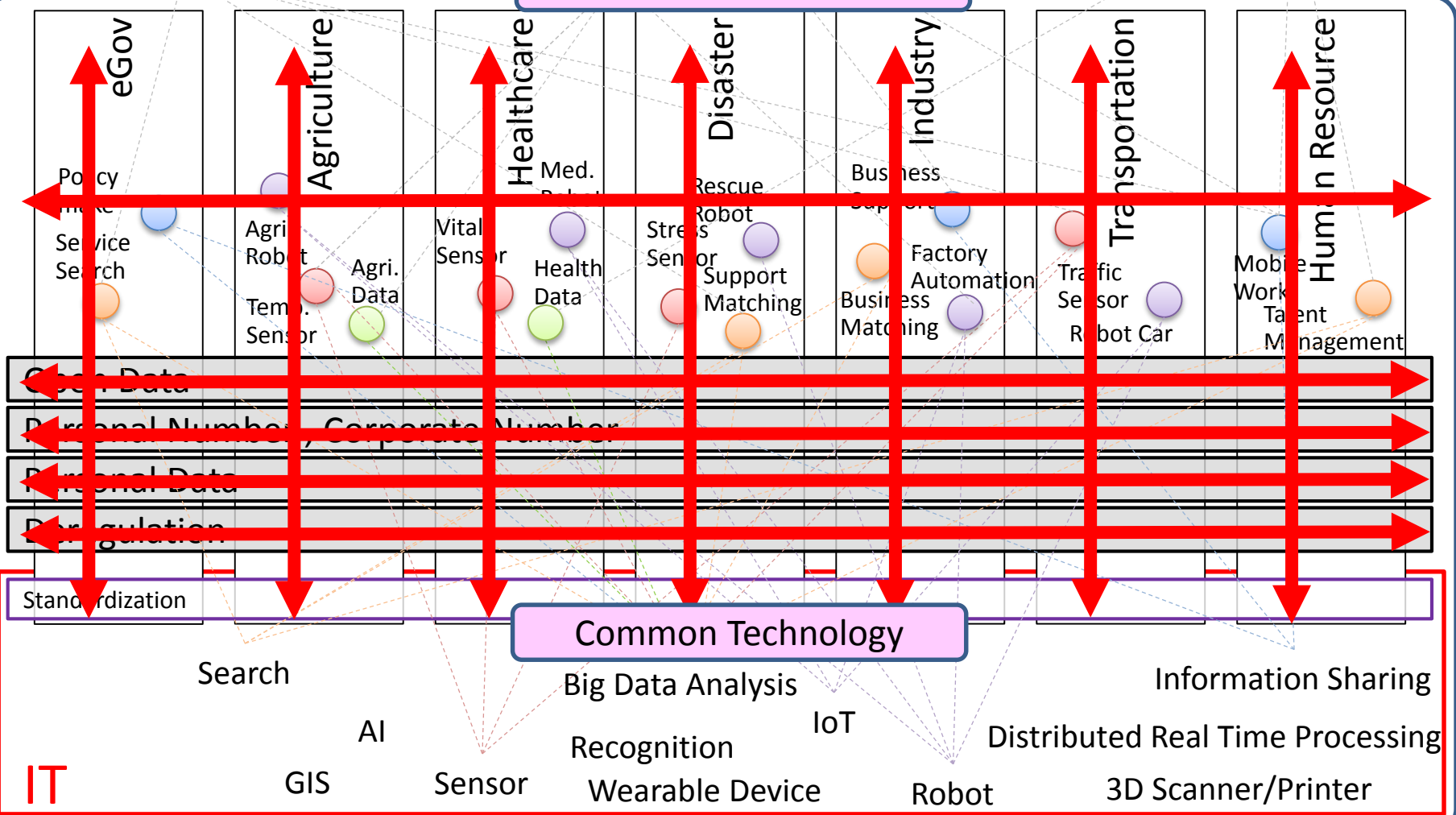Personalized web Service   Smooth movement

Multilingual Guide   Vegetable Factory   Personal Health Data Bank   Work Share
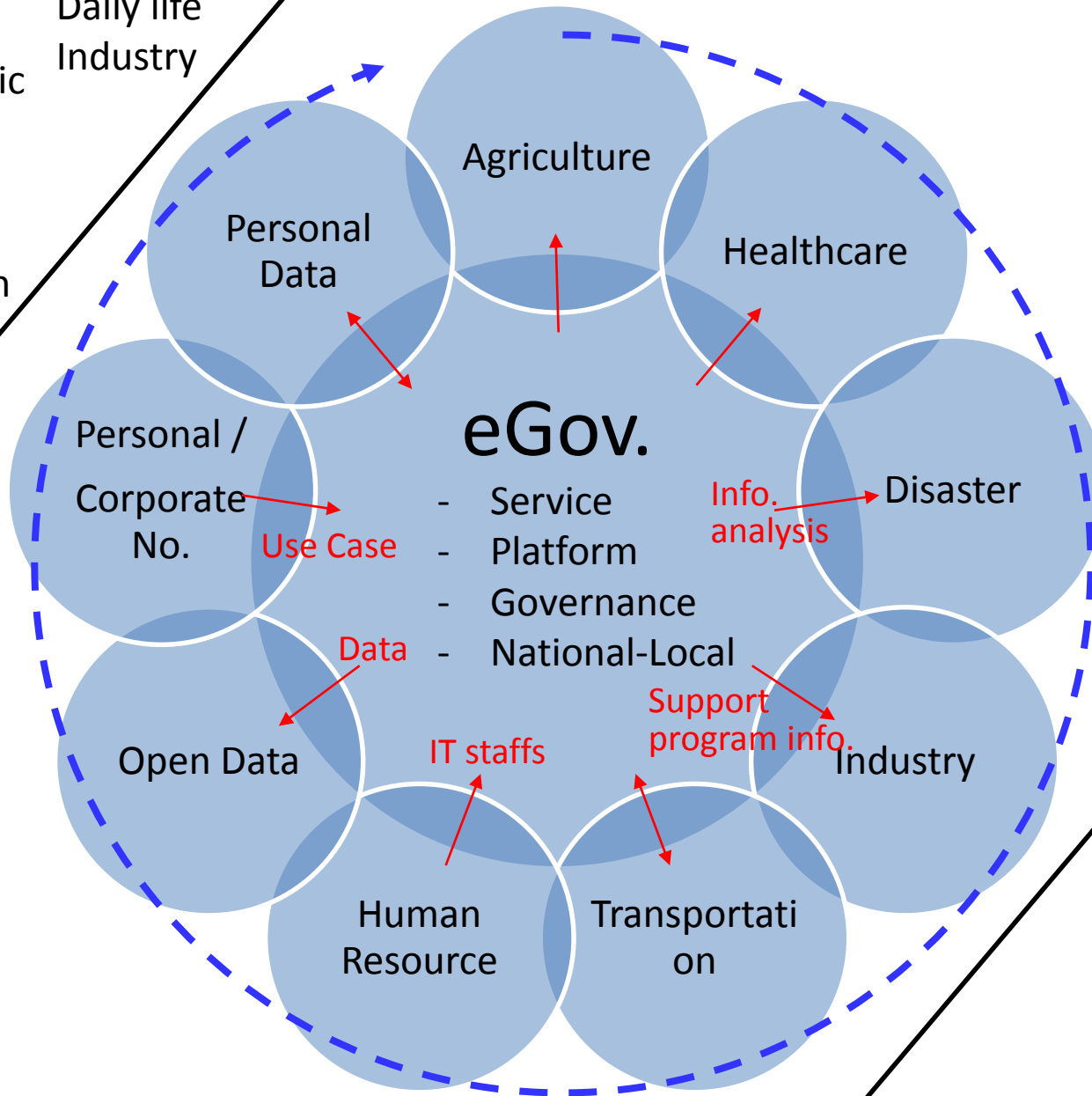
Cross-Domain Service

eGov · Agriculture · Healthcare · Disaster · Industry · Transportation · Human Resource

Policy
make
Service
Search

Agri.
Robot

Temp.
Sensor

Agri.
Data

Vital
Sensor

Med.
Robot

Health
Data

Stress
Sensor

Rescue
Robot

Support
Matching

Business
Support

Factory
Automation

Business
Matching

Traffic
Sensor

Robot Car

Mobile
Work

Talent
Management

Open Data

Personal Number, Corporate Number

Personal Data

Deregulation

Standardization

Common Technology

Search   Big Data Analysis   Information Sharing

AI   IoT

Recognition   Distributed Real Time Processing

GIS   Sensor   Wearable Device   Robot   3D Scanner/Printer

IT

eGovernment working group

Society

Daily life
Industry

Citizen-centric
Seamless
Agile
Participation
Collaboration
Global

Personal Data

Agriculture

Healthcare

Personal / Corporate No.

Use Case

eGov.
- Service
- Platform
- Governance
- National-Local

Info. analysis

Disaster

Open Data

Data

Support program info.

Industry

Human Resource

IT staffs

Transportation

IT

ID
Search
Info. sharing
Info. analysis
AI
Mobile

Our Results (include ongoing action)

Consolidate Information Systems

- Government-wide back office system was established

Increase Transparency (IT dashboard)

- IT dashboard provides all IT investments Information to citizens.

Reduce IT Investment

- Budget hearing for IT investments was held

Launch New Services (Data catalog Site)

- Data Catalog site was launched and web reform plan was conducted

Change the mindset of the stakeholders

- Citizen-centric approach

Enhance PDCA

- CIO and PMO hearings were held