

eGov Experiences in Japan

1. Case Studies
2. Return on Investment of
e-Gov Projects
3. Issues and Challenges

eIndia 2007

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1. Case Studies: NCALS(Nippon CALS) Project

**Continuous
Acquisition
and Lifecycle Support
through Internet**

General Board

Board of Directors

Secretariat

Steering Committee

Pilot Implementation Project

1995.5-1998.3
\$ 500 Million
117 companies

Industry-specific R&D Project

-Pilot Modelling-Pump system
-Information Modelling
-Technical Document
-Data Sharing
-Network
-Electronic Device

-Motor Vehicles
-Spacecraft
-Iron and Steel
-Construction
-Aircraft
-Electronic Device
-Plant/STEP
-Software
-Shipbuilding



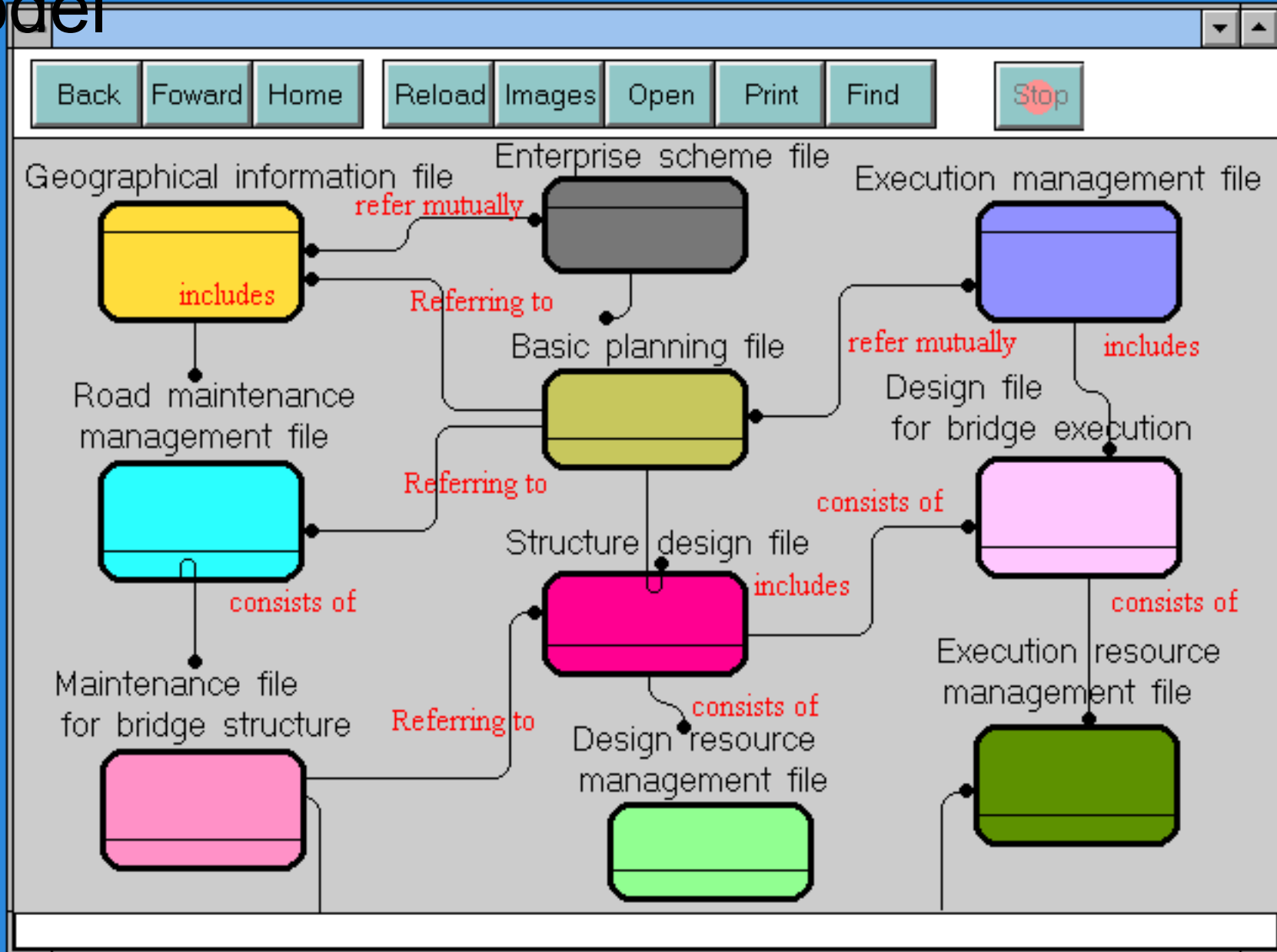
1. Case Studies: VE-2006 1996

The Bridge Construction



1. Case Studies: VE-2006 Information

Model



2. Return on Investment of e-Gov Projects: EC/CALS(M.of Construction)

1. Ministry of Construction (MOC) :

Construction CALS/EC Implementation Plan (1997.6),
mostly road, bridge, tunnel.

(1) The Central Government starts the year 2004

(2) The Local Government starts the year 2010

**Ministry of Land, Infrastructure and Transportation
integrated MOC with Ministry of Transportation (2001.1)**

2. Ministry of Land, Infrastructure and Transportation (MILT)

CALS/EC Implementation Plan (2001.6)

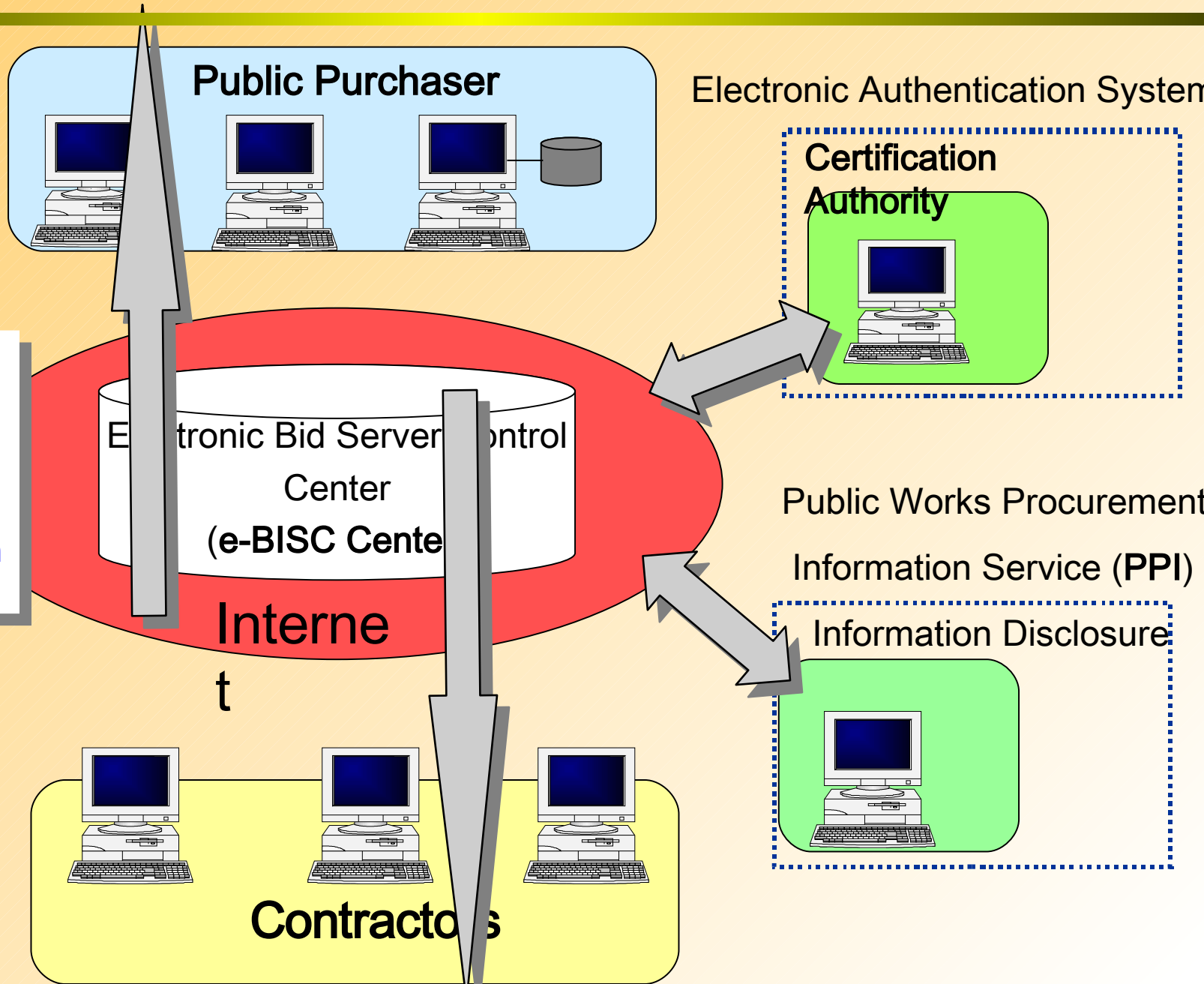
including Port and Airport Facilities CALS

(1) The Central Government starts the year 2004

(2) The Local Government starts the year 2010



Electronic Bidding System



Information Development

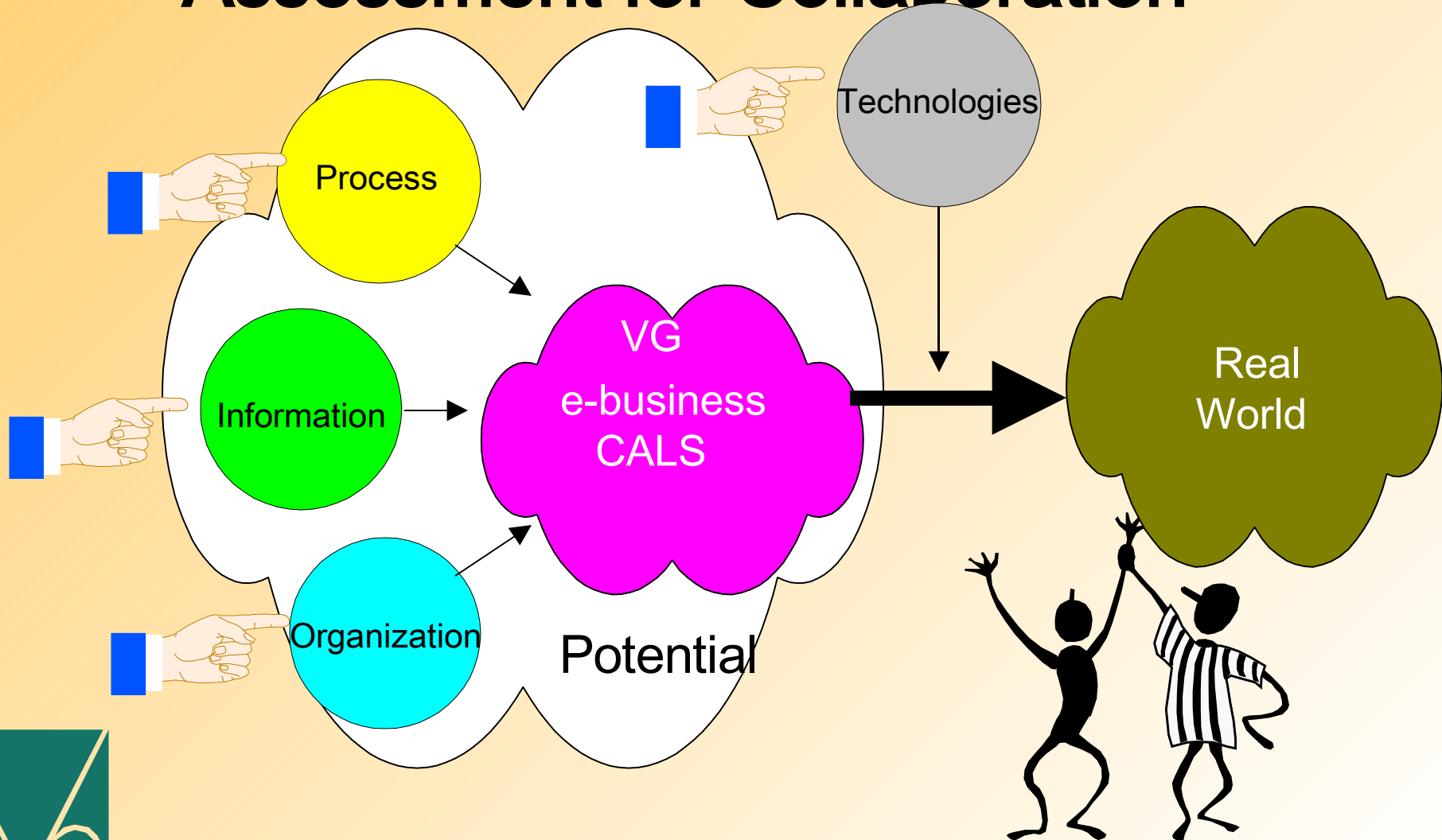
Electronic Delivery of Outputs

- 1) Design documents manual
- 2) Construction report manual
- 3) Electronic Delivery guideline
- 4) Pre-construction meeting guideline



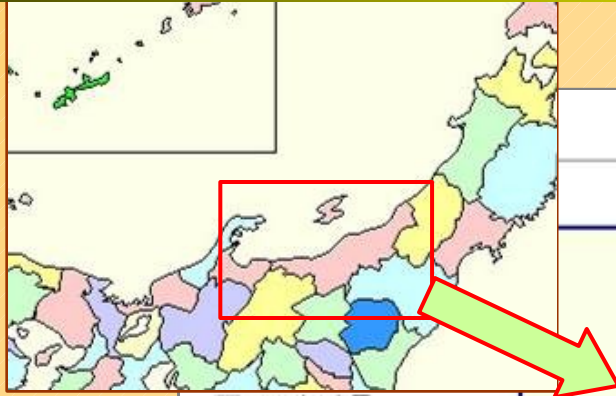
2. Return on Investment of e-Gov Projects

4 Elements of TEMPLET Assessment for Collaboration



2. Return on Investment of e-Gov Projects:

Web-titan: <http://www.gupi.jp/web-gis/>



Search position of boreholes on digital map

- 行政界
 - 建物
 - 公園等
 - 水域
- Redraw Map



Share Data
cross government and industry
Geotechnical Survey Reports DB
and Hazard Maps



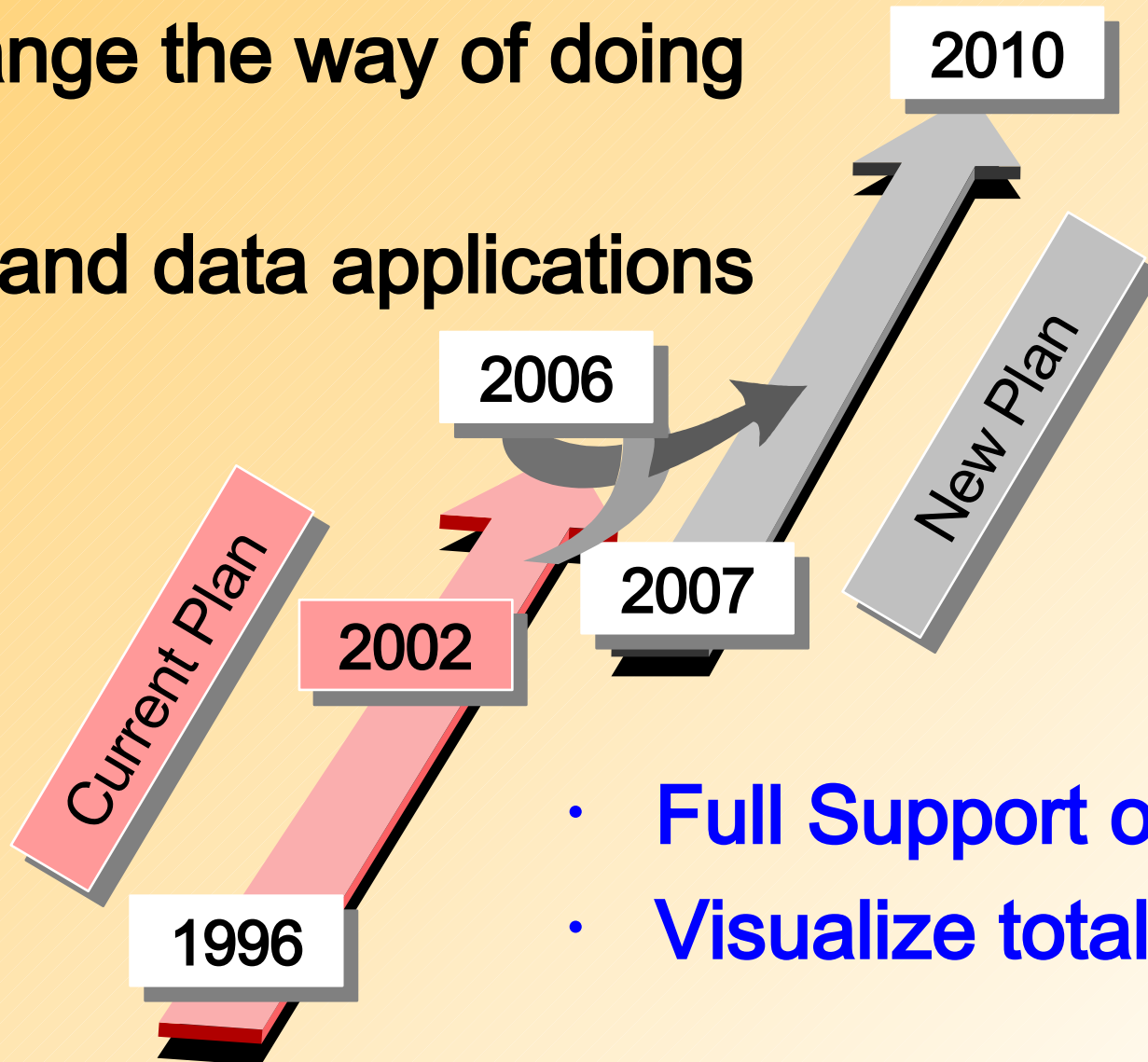
3. Issues and Challenges

1. Top Leadership: G-SOX
2. Transformation: Paper to Digital
3. Culture Change of all Government-wide
4. Virtual Organizations for Lifecycle Support
5. Mottainai Industry in Information Society



3.Challenges(2007-2010)

- Change the way of doing works
- Expand data applications

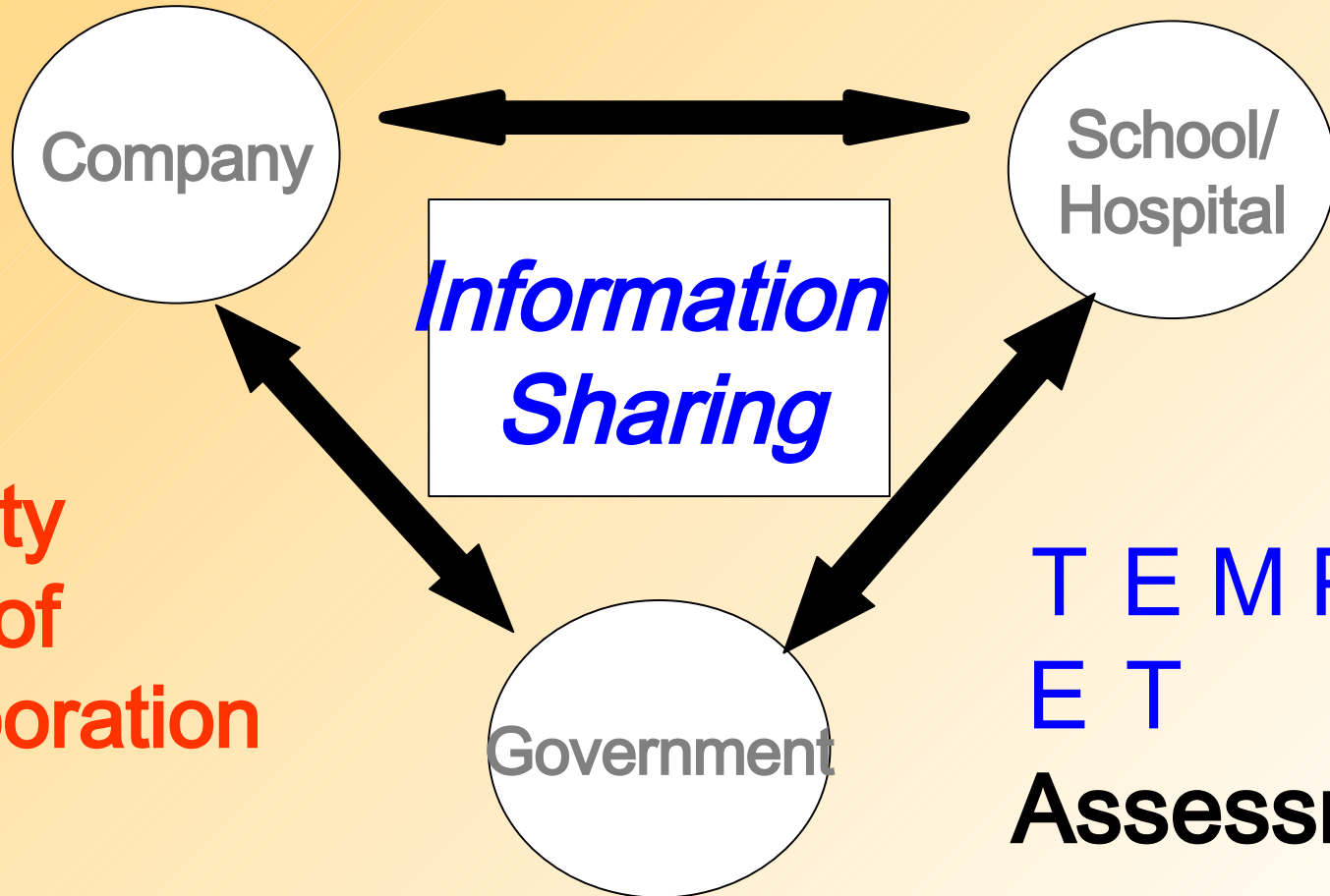


- Full Support of Life Cycle
- Visualize total money flow



3.Challenge:

Virtual Organization of Local Area



**Maturity
Level of
Collaboration**

**TEMPLE
ET
Assessment**



eJapan Schedule

Stage 1

The most technologically advanced IT nation in the world by 2005

IT Basic Law
IT Strategic
Headquarters

IT New Transformation
Strategy



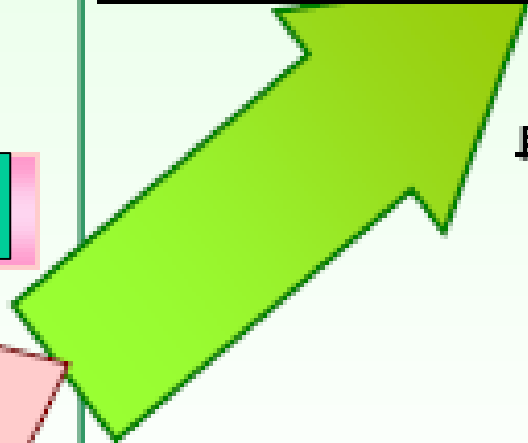
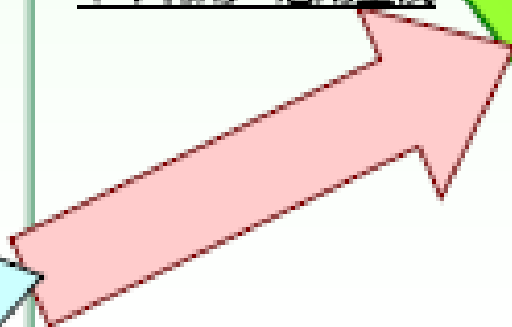
自律的IT社会の実現

eJapan2
IT utilization

IT利用・活用重視

eJapan1
IT basic Infra.

IT基盤整備



2001

2003

2006 ~