

# Japan's ODA in Vietnam

~ Inclusive and Dynamic Development ~

Japan International Cooperation Agency (JICA)  
Vietnam Office

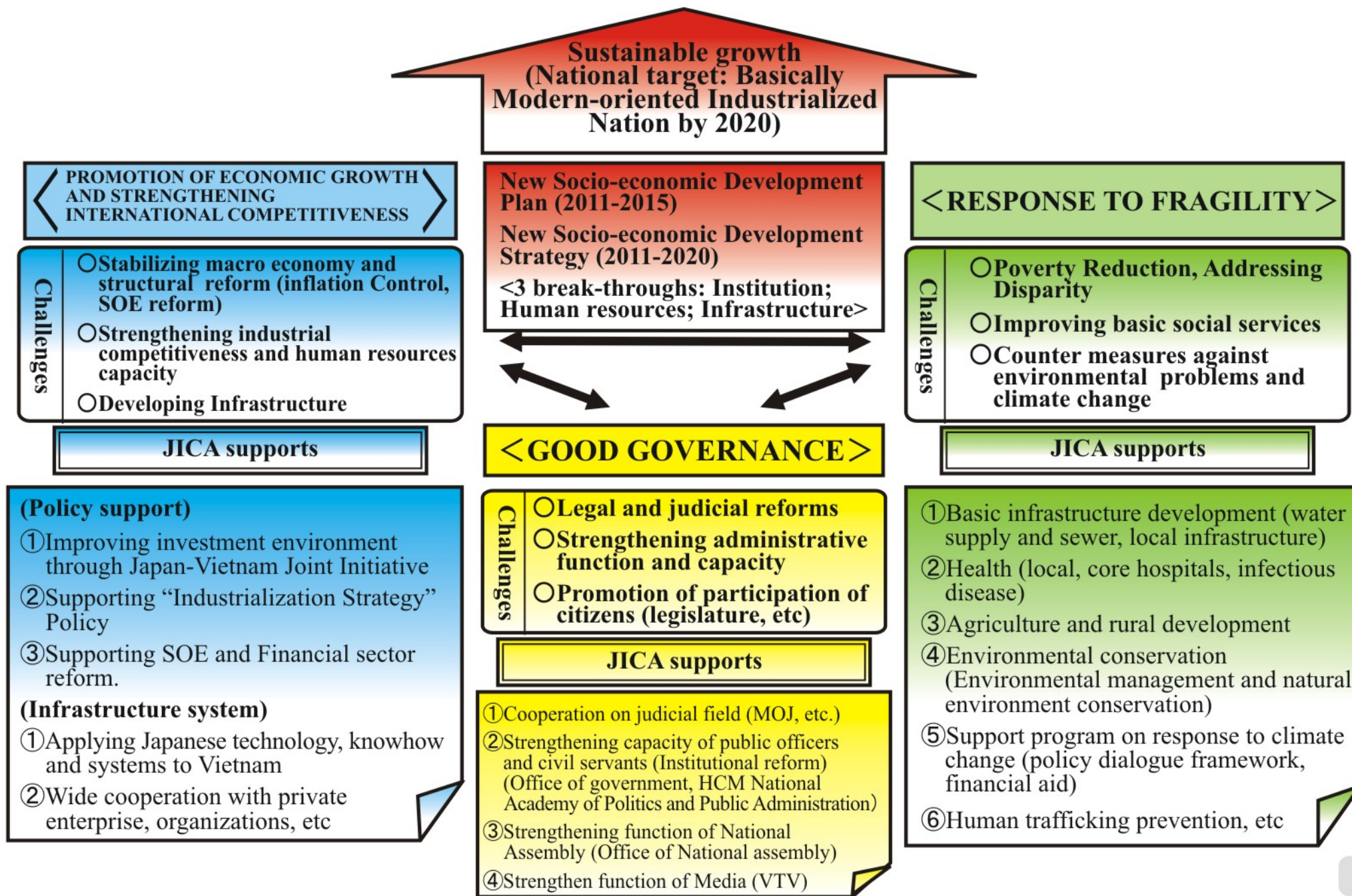


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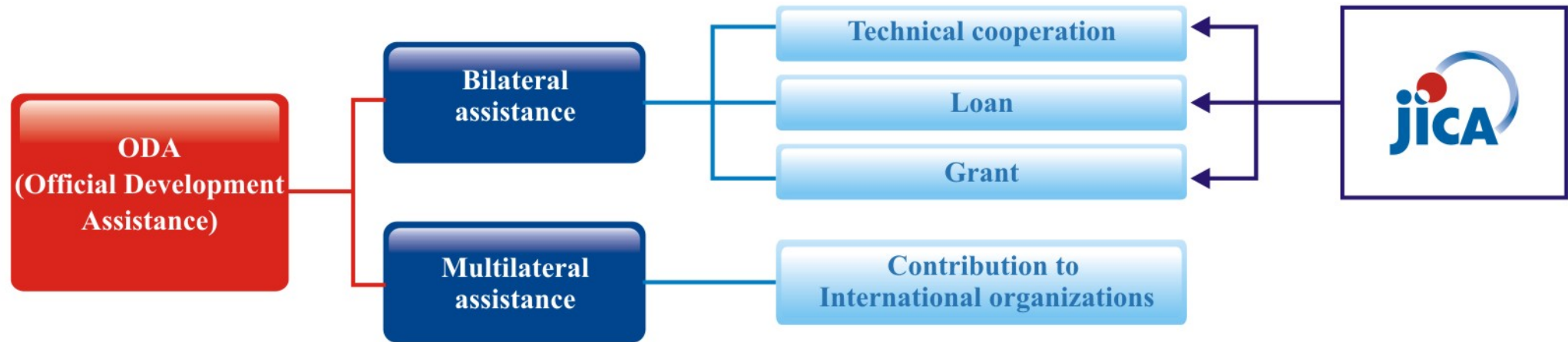
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# 1. Policy on Japan's ODA to Vietnam



# 2. Schemes of Japan's ODA



## Technical cooperation (T/C)

## Financial Aid

- **Policy advice through Experts**
- **Project T/C**  
Technical transfer through projects in areas such as agricultural development, health, etc
- **Grass-roots T/C**  
Support for cooperation activities of NGOs, universities, municipalities, etc
- **Training program**  
Training in Japan and other countries

- **Japan Overseas Cooperation Volunteers (JOCV)**  
<Areas>  
Rural development, health, environment, Japanese language, etc
- **Senior volunteer (SV)**  
<Areas>  
Human resource development for supporting Industries, etc

- **Loan**  
Provide long-term and low-interest loans to infrastructure development for transportation, energy, water environment, etc  
  
(Standard terms and conditions of loans)  
- Repayment period: 30 years  
- Grace period: 10 years  
- Interest rate: 1.4%
- **Private Sector Investment Finance (PSIF)**  
Supports for the business of private enterprises in developing countries through the provision of loans and equity

- **Grant**
- **General projects**  
for health, education, environment, disaster management, climate change, etc
- **Grass-roots Human security projects**  
for small-scale projects by NGOs, Municipalities and others

# 3. Records for Japan's ODA to Vietnam

## Financial Aid

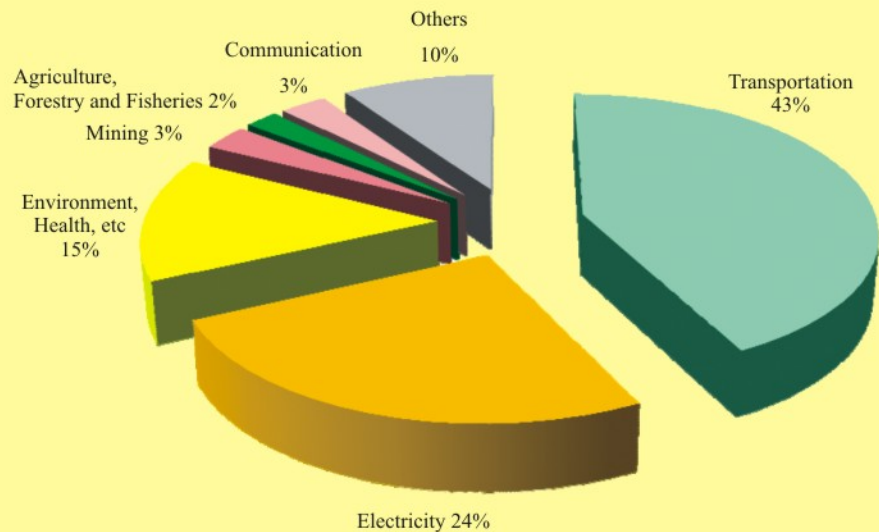
### Record for financial aid (approved amount)

(Billion Yen)

	Loan	Grant
2010	86.6	3.5
2011	270	5.5
2012	175	1.2

### Distribution by sector

Cumulative total amount approved  
2010 billion Yen from FY 1992 to 2012



## Technical Cooperation

### Total number of experts : 6,807 people

(from FY 1992 to 2012, includes consultants)  
dispatched to ministries and universities such as:  
MPI, MOT, MARD, MOH, MONRE, MOLISA,  
SBV, MOF, MOJ, HUST, HUI, etc

### Areas of cooperation:

Health, Agriculture development, Afforestation,  
Monetary policy, Investment promotion, Industrial  
human resources, SMEs, Environment,  
Climate change, etc

### Reception of trainees: 20,234 people

(from FY 1992 to 2012)

(In Japan: 9,841 people; In other countries: 10,393 people)

## Volunteers

### Total number of volunteers dispatched : 482 people

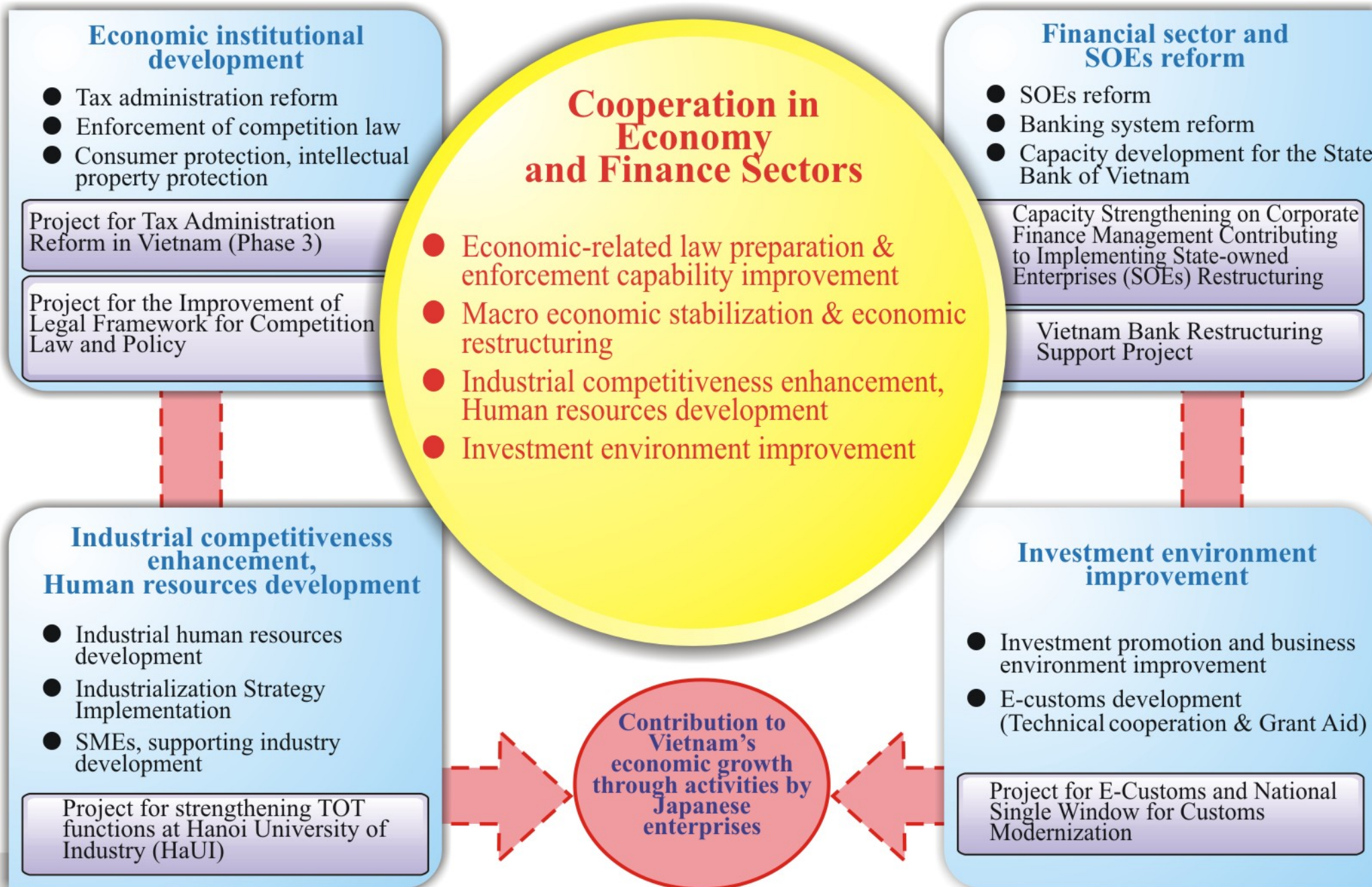
(from FY 1992 to 2012)

(JOCV 353 people SV 129 people)

### Areas of Cooperation :

Health, Rural development, Environment,  
Industrial human resources, Supporting industries,  
Japanese language, etc

# 4-1 Economy and Finance



# 4-2 Transportation

## Construction of basic transportation infrastructure

- Construction of the main North-South expressway
- Construction of deep-sea port
- Construction of airports in big cities

Terminal 2 Construction Project at Noi Bai International Airport



Noi Bai International Airport Terminal 2

## Support through Technical Assistance

- Establishment of urban railway operation and management company
- Transport safety policy
- Preparation for safe aviation system

Establish Operation and Maintenance of Metropolitan Railway Lines in Hanoi City

## Priorities of Transportation sector

- Response to urgent increase in traffic due to economic growth
- Response to fast urbanization and urban transportation problems.
- Transport safety policy, accumulation of facility maintenance management knowhow, strengthening capability

## Construction of urban transportation infrastructure

- Construction of urban railway system
- Construction of bridges
- Construction of bypass, ring road

HCM Line 1 urban railway project

Hanoi City Ring Road No.3 Construction Project



Hanoi city Ring road 3



Nhat Tan Bridge (Japan-Vietnam Friendship Bridge)

# 4-2 Transportation

## Typical examples

### **Financial and technical support for building urban railways ~ Apply soft and hard technology from Japan ~**

- Promote urban railway construction as a solution for urban transportation as populations increase in Hanoi & HCM cities
- Financial assistance to construct prioritized railways (Line 1 and 2 in Hanoi city, Line 1 in HCM city)
- Technical assistance to establish railway operation and maintenance companies and toll collection system (transferring experiences and knowhow from Tokyo Metro and Osaka municipal subways)

**Use Japanese technology and knowhow to optimize “soft” and “hard” cooperation  
~ 「Export infrastructure system」 ~**



Hanoi City Urban Railway Line 1  
Ngoc Hoi Depot Complex



HCM City Urban Railway Line 1



# 4-3 Electricity

## Development of power sources

- Construction of hydro power, thermal power plant
- Development of power sources in the South
- Increase efficiency of power transmission and distribution

Power transmission and distribution network development project

O Mon thermal power plant Unit 2 construction project



O Mon thermal power plant

Installed capacity of Japan's ODA supported power plants accounts for 10% of total installed capacity in the whole of Vietnam (in 2012). It is expected to reach 4,650MW when future power plants go into operation.

## Priorities of Electricity sector

- Response to tight supply and demand due to absolute shortage of generation capacity (especially in the South)
- Decrease losses in power transmission
- Promote energy saving policy and decrease energy consumption
- Private fund's participation in power development

## Promote energy saving

- Make Master plan
- Establish energy management training center
- Energy saving labeling policy

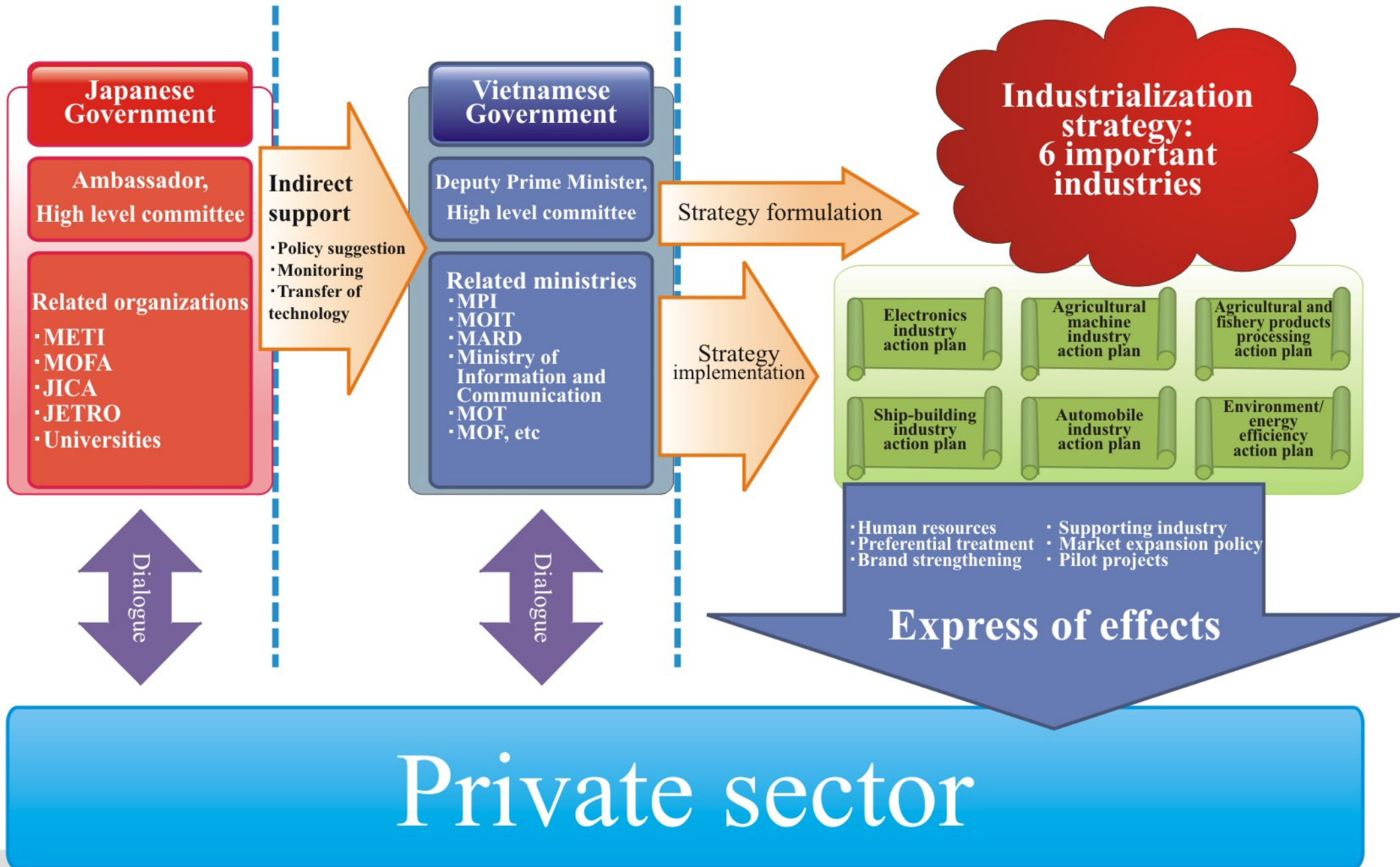
Establishment of Energy Management Training Center

## Promote private sector's participation

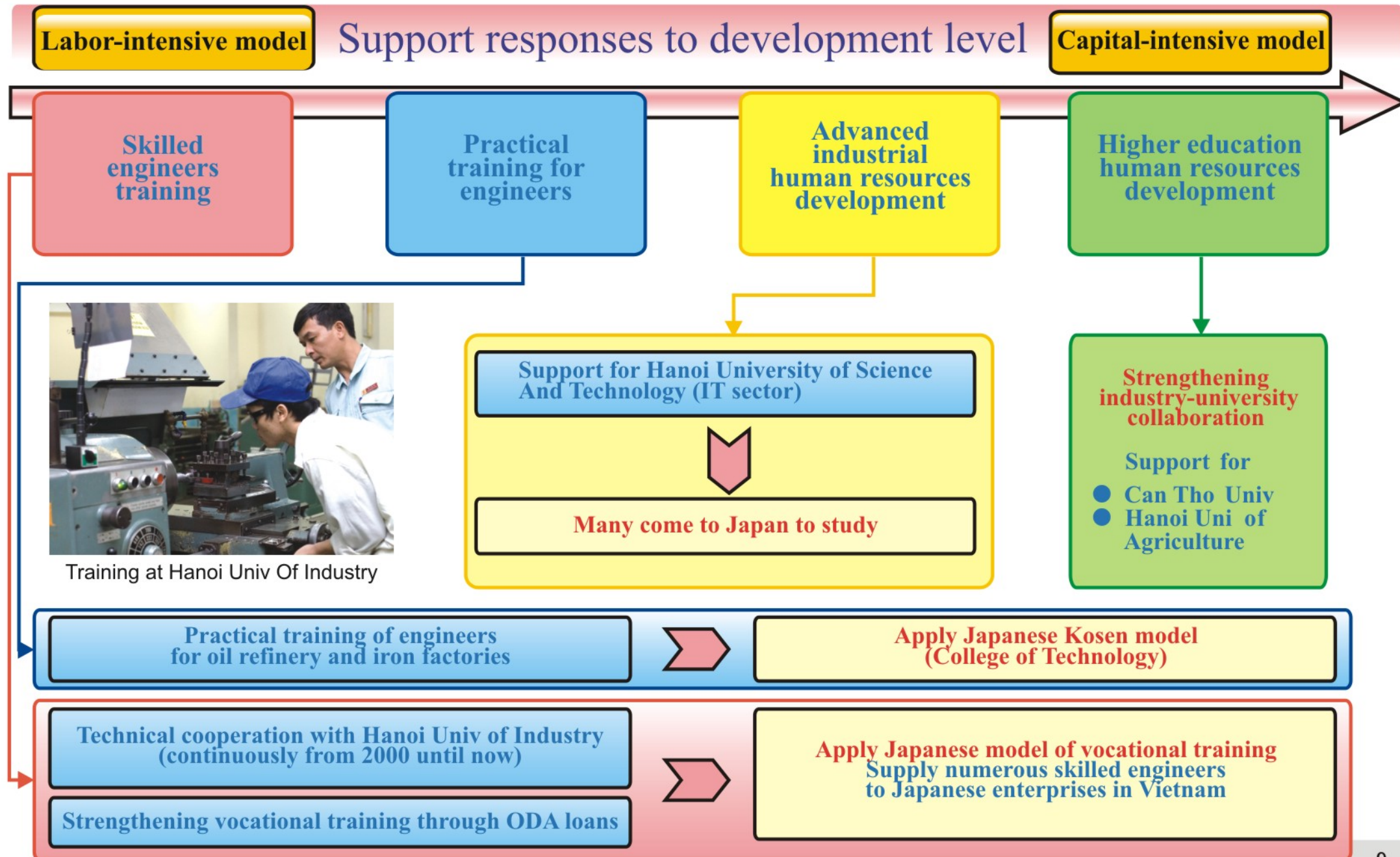
- To promote power sources development by BOT/IPP method, diversify the investors in power sector through construction of common facilities of power generation complex.

Thai Binh thermal power plant and power transmission construction project

# 4-4 Industrialization strategy (become an industrialized country by 2020)



# 4-5 Industrial human resources



# 4-6 Urban environmental management

## Support for the environmental legal frameworks

- Amendments of the Law on Environmental Protection
- Review & improvement of legal framework for management of toxic chemicals
- Improvement of the EIA system

Environment policy advisor

## Support for capacity development for water environment management

- Construction of wastewater treatment facilities & human resource development for operation and maintenance
- Review & improvement of the relevant legal system and regulations.
- Strengthening of law enforcement capacity

Project for Institutional Development for green growth implementation and Strengthening of environmental management system towards sustainable conservation of Halong Bay

## Challenges of urban environmental management sector

- How to reduce environmental damages/costs caused by economic growth and urbanization: Need to balance both environmental management and economic growth
- Need to develop or improve the environmental institutional frameworks in line with international standards
- Need to strengthen capacity of law enforcement

## Support for capacity development of waste management

- Review & Improvement of legal and institutional frameworks
- Support for integrated waste management planning
- Institutional & human resource capacity development

Hai Phong City Environmental Improvement Project

## Support for capacity development for air pollution management

- Review & improvement of legal and institutional frameworks
- Support for air quality management planning

Project for Institutional Development of Air Quality Management in Vietnam

Advisor for hazardous air pollution measures

# 4-6 Urban environmental management

## Typical examples

### **Toward economic development with environmental conservation ~ Supporting the conservation activities in the world heritage site; “Ha Long Bay” ~**

- Ha Long bay located in Quang Ninh Province, in northern Vietnam, is a popular sightseeing site registered as one of the World Heritage sites. Meanwhile, there is a serious concern about the pollution at the heritage site, caused by tourism and industrial development.
- JICA supported the activities to achieve sustainable development, both by improving transport infrastructure and strengthening water environment management.

#### (Activities)

Development for environment monitoring, inspection, and management of the source of pollution

Of land use management in the coastal corridor area for environment Conservation

Development in policy making for sustainable tourism in Ha Long Bay

Of environment education and PR to relevant agencies, and dissemination of project achievements



Reclaimed land in Ha Long bay

Training on water collection and water quality monitoring at Ha Long bay



# 4-7 Natural resources and environmental conservation

## Policy formulation and implementation

- Capacity building for policy formulation and implementation
- Policy formulation and implementation by climate change program loan

Advisor for forest program

Climate change program loan

## Priorities of Natural resources and environmental conservation sector

- Strengthening policy formulation and implementation
- Building policy for sustainable forest management, capacity building, promoting citizen participation
- Conservation of biological diversity through effective management of important natural areas.
- Contribute to measures against global warming by increasing forests' CO<sub>2</sub> absorption

## Promote sustainable forest management

- Protection of afforestation and forest management
- Forest management with citizen participation
- Capacity building for afforestation plan and coastal afforestation

Protection of Forests Restoration and Sustainable Management Project

Project for Sustainable Forest Management in the Northwest Watershed Area

## Enhance biodiversity conservation

- Capacity building for National park management
- Development of biodiversity information

Project for Strengthening Community-based Management Capacity of Bidoup-Nui Ba National Park

## Climate change measures

- Promote policy and institution of REDD+
- Implement REDD+ pilot project at provinces

Dien Bien province REDD+ pilot project

(REDD+: Reducing emissions from deforestation and forest degradation, conservation of forest carbon stocks, sustainable management of forests, and enhancing forest carbon stocks in developing countries' forests)

# 4-8 Disaster prevention

## Capacity building for disaster prevention administration

- Collect, share and utilize timely and accurate hydro-meteorological data
- Integrated flood management plan
- Improve water-level management capacity at dams and rivers

Project for Strengthening Capacity in Weather Forecasting and Flood Early Warning System

## Community level Preparation for disaster prevention systems

- Build up disaster prevention plan
- Support for disaster prevention training and education
- Urgent response when natural disasters occur.

Project for Building Disaster Resilient Societies in Vietnam (phase 2)

Development and Implementation of Disaster Education Programs in Hue City

## Disaster prevention issues

- Reduce wind/flood damage caused by tropical cyclone
- Integrated management of flood risk based on accurate data
- Reduce risk by disaster prevention systems with citizen participation
- Disaster prevention infrastructure building

## Preparation of disaster prevention infrastructure

- Support the hard infrastructure building for disaster prevention in tandem with soft infrastructure (disaster prevention system/structure)

Development of Landslide Risk Assessment Technology along Transport Arteries in Viet Nam



Town residents learn about disaster risks

# 4-9 Climate change responses

## Policy and financial support

- Promoting the implementation of policies related to climate change responses
- Implementing related policies by the program loan, Support Program to Respond to Climate Change (SPRCC)

Advisor for climate change support program



Inundated houses in the central Vietnam

## Support for adaption measures

- Disaster prevention and risk management of communities in the central Vietnam
- Improvement of the urban drainage system and its technical cooperation
- Natural disaster prevention and risk management through forest conservation activities

Project for the development of human capacity for weather forecasting and data analysis for the establishment of end-to-end early flood warnings

## Challenges in climate change response sector

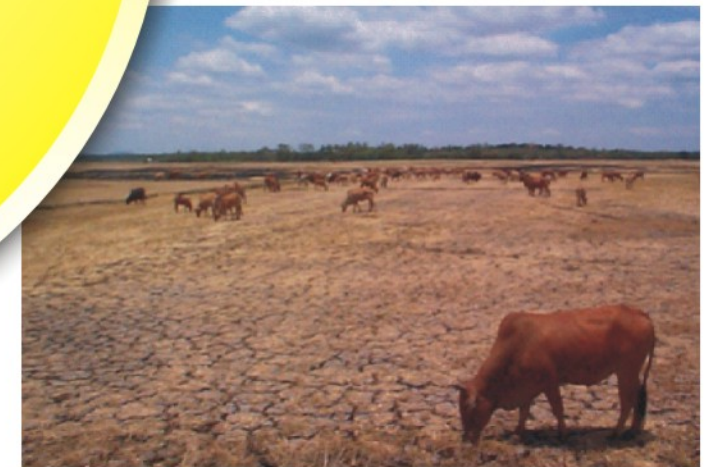
- How to reduce the adverse effects of climate change (e.g. on the Mekong delta, typhoons, etc)
- How to manage increasing energy consumption, and how to mitigate greenhouse gas emissions

## Support for mitigation measures

- Formulation and implementation of the Nationally Appropriate Mitigation Actions (NAMA)
- Promotion of implementation of energy saving policy
- Strengthening the institutional management of forestry

Project to support the planning and implementation of NAMAs in a MRV manner

Project on sustainable forest management in the watershed areas in northwestern Vietnam



Drought in the southern Vietnam



# 4-10 Health

## Development of human resources and strengthening the regional medical system

- Disseminate medical techniques and knowhow from core hospitals to regional and provincial hospitals
- Strengthen operation of the training system and referral system at provincial hospitals

Project for Improving the Quality of Human Resources in the Medical Service System

Project for Strengthening Medical Services in Northwest Provinces



Group work at the training course organized by the Project for Improvement of the Quality of Human Resource in Medical Service System

## Priorities of the health sector

- Improve the regional medical system
- Increase the quality and quantity of medical staffs
- Infectious disease control and promote preventive medicine
- Strengthen health financing to tackle the challenges of an aging society

## Improve health facilities

- Improve infrastructure and medical equipment at core hospitals
- Supply medical equipment for regional and provincial hospitals

Regional and Provincial Hospital Development Project (Phase 2)

## Infectious disease control

- Establish vaccine production plant
- Transfer technology related to vaccine manufacturing
- Establish bio-safety level 3 laboratory and strengthen examination techniques for highly hazardous pathogens

The Project for Strengthening Capacity for Measles-Rubella Combined Vaccine Production



# 4-11 Agriculture and rural development

## Increase quality and safety

- Improve crop varieties
- Strengthening Capacity of Inspection and safe crop production

Management of Vietnam Crop Production Sector for improving Productivity and Quality of Crop's Product

Project for the Development of Crop Genotypes for the Midlands and Mountainous Areas of North Vietnam

## Basis for agricultural activities

- Development of agricultural infrastructure such as irrigation and rural roads
- Policy for management of water users' association and others
- Strengthening function of agricultural cooperatives

Small-Scale Pro Poor Infrastructure Development Project

Project for Enhancing functions of agricultural cooperatives

## Challenges in agriculture and rural development

- Balanced development of urban and rural areas
- Improvement of quality and safety of agriculture, forestry and fisheries products
- Improvement of livelihoods and living environment in rural areas
- Development of agricultural infrastructure
- Additional value for agricultural products

## Improve livelihood in rural areas

- Integrated rural development for Central highlands and Northwestern region

Project on Capacity Development of Participatory Agricultural and Rural Development for Poverty Reduction in the Central Highlands

Project on Rural Development in the Northwest Region



Farmers are learning how to plant wild peanuts

# 4-12 Governance

## Improve the administrative system, strengthen training for civil servants

- Enhance capacity of government officers, Party members, civil servants
- Promote civil service reform
- Strengthen capacity of Office of Government in policy formulation

Project for Strengthening Capacity of Ho Chi Minh National Academy of Politics and Public Administration in Training of Public Leaders and Civil Servants

Strengthening Capacity of the Office of the Government

## Legal and judicial reforms

Strengthening capacity of institutions and human resources

- Draft and revise Civil laws, Procedure Laws, etc.
- Improve application and enforcement of legal documents
- Improve national-wide monitoring and guidance capacity of central judicial authority

Technical Assistance for the Legal and Judicial System Reform

## Governance Sector Issues



Image of Seminar in Hai Phong City People's Procuracy

## National assembly, Media

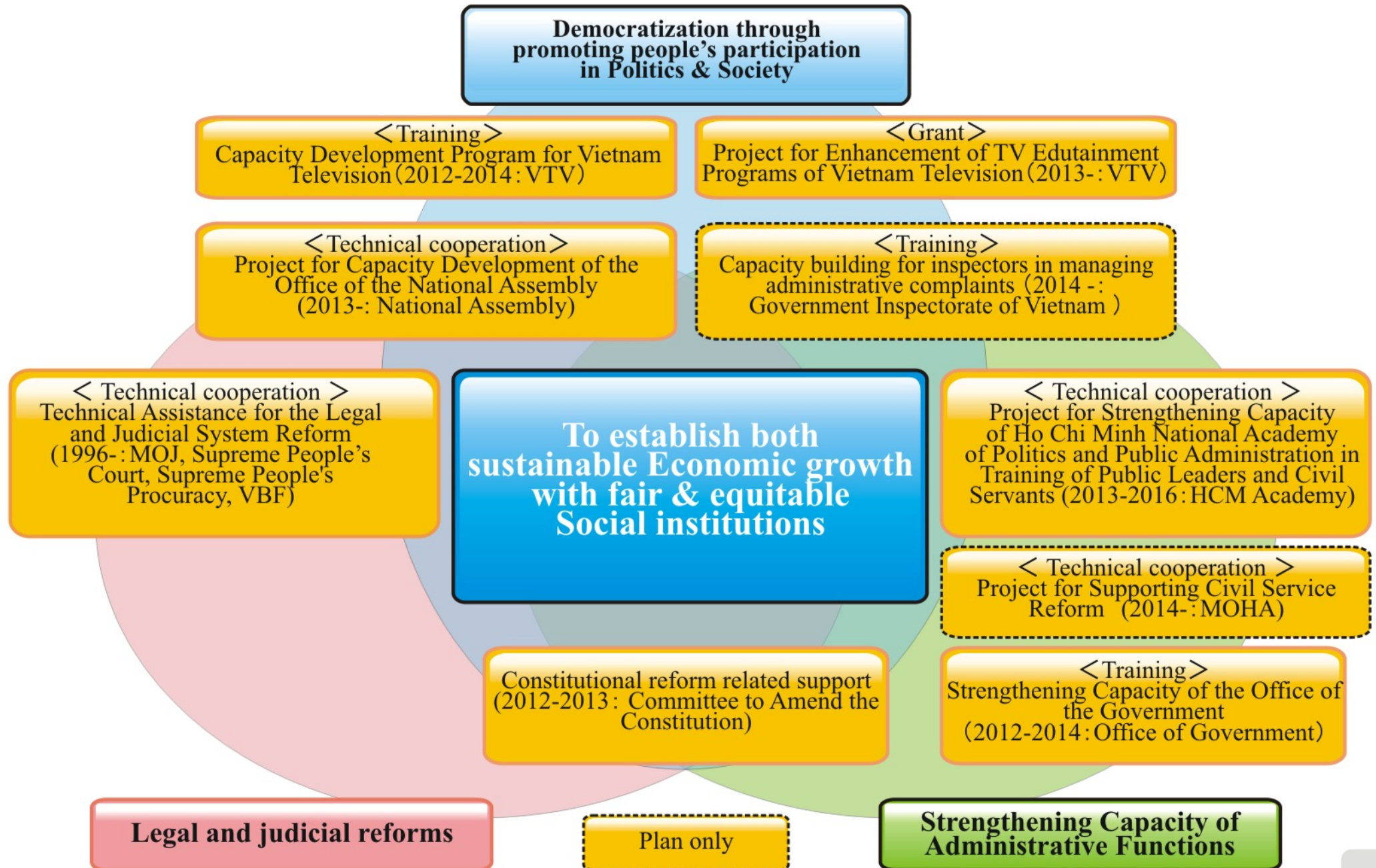
Promoting participation of citizens in politics from point of view on supporting democratization

- Strengthen the National Assembly's legislative and administration surveillance functions
- Enhance public broadcasting programs

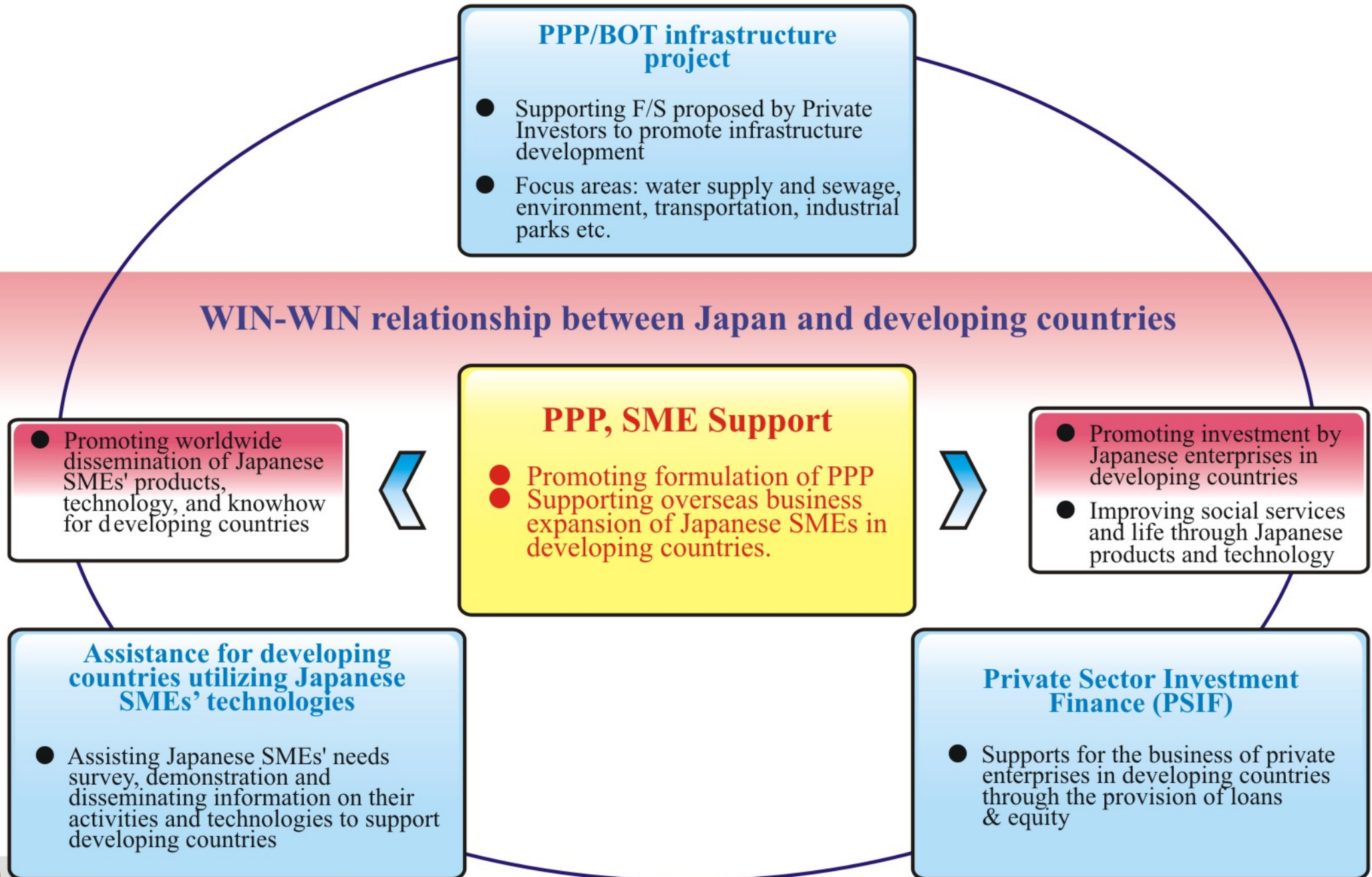
Capacity Development Program for Vietnam Television (VTV)

Capacity development of Office of National Assembly

# 4-12 Governance



# 4-13 Public Private Partnership, Support for SMEs



# Reference web page:

## **Japan's ODA (Ministry of Foreign Affairs)**

(J) <http://www.mofa.go.jp/mofaj/gaiko/oda/index.html>

(E) [http://www.mofa.go.jp/policy/global\\_and\\_oda.html](http://www.mofa.go.jp/policy/global_and_oda.html)

## **JICA**

(J) <http://www.jica.go.jp/>

(E) <http://www.jica.go.jp/english/index.html>

## **JICA Vietnam office**

(J) <http://www.jica.go.jp/vietnam/office/index.html>

(E) <http://www.jica.go.jp/vietnam/english/index.html>

## **JICA Library (Report & Book Database)**

(J) <http://libopac.jica.go.jp/top/index.do?method=change&langMode=JPN>

(E) <http://libopac.jica.go.jp/top/index.do?method=change&langMode=ENG>

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