We believe that growth should be

“SUSTAINABLE”: The growth is sustainable over generations in terms of consideration to, among other aspects, harmony with the environment, sustained socioeconomic growth, and addressing global warming.

“INCLUSIVE”: The fruits of growth are shared within the society as a whole, leaving no one behind.

“RESILIENT”: The growth is resilient, able to withstand and recover from economic crises, natural disasters, and other shocks.

This concept is “Quality growth”
“Quality infrastructure” leads to “Quality growth”

Asia faces huge investment gap: US $15 trillion ~2040
“Quality infrastructure” forms the foundations of “Quality growth.”

G20 Osaka Summit (June, 2019)
G20 Principles for Quality Infrastructure Investment

“Quality Infrastructure” is cost-effective in the long run for sustainable, inclusive and resilient growth.

① Maximizing the positive impact of infrastructure to Achieve Sustainable Growth and Development (job creation, transfer of expertise, enhancing connectivity etc.)

② Economic Efficiency in View of Life-Cycle Cost (attaining value for money etc.)

③ Environmental Considerations

④ Resilience against Natural Disasters and Other Risks

⑤ Social Considerations (Open access to infrastructure services, safety, respect gender and socially vulnerable people etc.)

⑥ Strengthening Infrastructure Governance (Openness and transparency of procurement, debt sustainability etc.)
Realizing Green Connectivity through Quality Infrastructure

~Bottle necks of growth in the Mekong region~

- Needed to use ferry boats to cross the river
- Took 7 hours to cross during the busy time
- Traffic of about 5,000 vehicles per day

The construction of Neak Loeung Bridge

- Japan extended assistance to construct:
  - The Main Bridge 640m
  - The Approach Bridge 1,575m
  - The Approach Road 3,245m
  - Requires only 5 minutes to cross
  - Traffic doubled (12,000 per day)

Neak Loeung Bridge 11.94 billion yen (Grant)
From 2010 to 2015

The construction of Bohol Airport

- Built with the concept of “Ecological-Airport”
- Installed solar power generation system (covers 30% of power during the daytime),
- Introduced air-conditioning system employing energy efficient technology
- Setting energy saving lightings in place using LED.

Bohol Airport 15.1 billion yen (Loan)
From 2013 to 2018
The Development of Thilawa in Myanmar

- **Loan** Water supply development
- **Loan** Power supply development
- **Loan** Access Road
- **Loan** Bago Bridge
- **Loan/Grant** Telecommunication
- **Grant** Port Electric Data Interchange
- **Grant** Port Development
- **Grant** Enacting SEZ related law
- **Technical Cooperation** E-Custom and National Single Window for Customs Modernization
- **Private-Sector Investment Finance** Help finance industrial park by the private sector
- **Private-Sector Investment Finance** Assist the relocation of the local community in line with international standards

Before and after images of the development showing improvements in infrastructure and customs processes.
The Development of Sihanoukville Port in Cambodia

New Container Terminal (2nd berth, 3rd berth) (under survey by JICA preparatory study)
2nd berth: Depth: 16m, Length: 410m
3rd berth: Depth: 17.5m, Length: 440m

Existing Container Terminal (constructed)
Depth: 11.5m, Length: 400m,
Annual container handling capacity: 700,000 TEU

Multipurpose Terminal (constructed)
Depth: 13.5m, Length: 260m, and
Depth: 7.5m, Length: 200m

New Container Terminal (1st berth) (under construction)
Depth: 14.5m, Length: 350m, Scheduled to be in service in 2024
Annual container handling capacity: 450,000 TEU

In addition to the above, Japan assists Cambodia to introduce Electric Data Interchange (EDI)
Japan has supported ASEAN's efforts to strengthen connectivity in order to narrow the gaps in the ASEAN region and further facilitate the integration of ASEAN community based on the Master Plan on ASEAN Connectivity (MPAC) 2025 and Ayeyawady-Chao Phraya-Mekong Economic Cooperation Strategy (ACMECS) Masterplan. Japan will continue to provide support in this field.

Japan has announced its decision to support strengthening ASEAN connectivity both in hard and soft ware with focus on the ongoing 2 trillion yen worth of land, sea, and air corridor connectivity infrastructure projects as below, together with capacity building projects for 1,000 individuals over the next three years.

“Land Corridor”
(Cambodia)
- National Road No. 5 Improvement Project
- Mass Transit System Project in Bangkok (RED LINE)

(Myanmar)
- Bago River Bridge Construction Project
- East-West Economic Corridor Improvement Project
- East-West Economic Corridor Highway Development Project (Phase 2)(New Bago-Kyaikto Highway Section)
- Infrastructure Development Project in Thilawa Area Phase 2
- Yangon Outer Ring Road Construction Project
- Yangon-Mandalay Railway Improvement Project Phase 1,2
- Yangon Circular Railway Line Upgrading Project
- Yangon Urban Mass Rapid Transit Construction Project

(Viet Nam)
- North-South Expressway Construction Project
- Hanoi City Urban Railway Construction Project
- Ho Chi Minh City Urban Railway Construction Project
- North - South Expressway Construction Project
- Public Transport Infrastructure Improvement Project in Binh Duong Province

(Indonesia)
- Construction of Jakarta MRT South-North Line and East-West Line
- Java North Line Upgrading Project

(The Philippines)
- Metro Rail Transit Line 3 (MRT-3) Rehabilitation Project
- Metro Manila Subway Project
- North - South Commuter Railway Project
- Road Network Development Project in Conflict Affected Areas in Mindanao

“Sea and Air Corridor”
(Cambodia)
- Sihanoukville Port New Container Terminal Development Project
- The Project for Port EDI for Port Modernization

(Myanmar)
- The Project for the Development of Mandalay Port
- Dawei Deep Sea Port Project
- Infrastructure Development Project in Thilawa Area Phase 1
- Hanthawaddy New International Airport Development Project
- The Project for the Improvement of Aircraft Surveillance System

(Indonesia)
- Patimban Port Development Project
- Programme for the Development for Fisheries Sector in Outer Islands

*The following connectivity projects include projects under consideration.