

Development of North East Region Connectivity and Prosperity

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JICA India

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Act East Forum

The Forum aims to further expand the cooperation between Japan and India in North East and to strengthen the relationship between Japan and North East, as well as that between Japan and India. In this regard, the Forum discusses cooperation in various fields and promotes Japan's cooperation in the region.

- 1. Enhancing Connectivity**
- 2. Forest Management**
- 3. Bamboo**
- 4. Disaster management**
- 5. People-to-people exchanges**



JICA's operation in India

Soft Loan

Accumulated Commitment by FY2017/18:

- JPY 5.3 trillion in total
(equivalent to over Rs. 3 lakh crore)

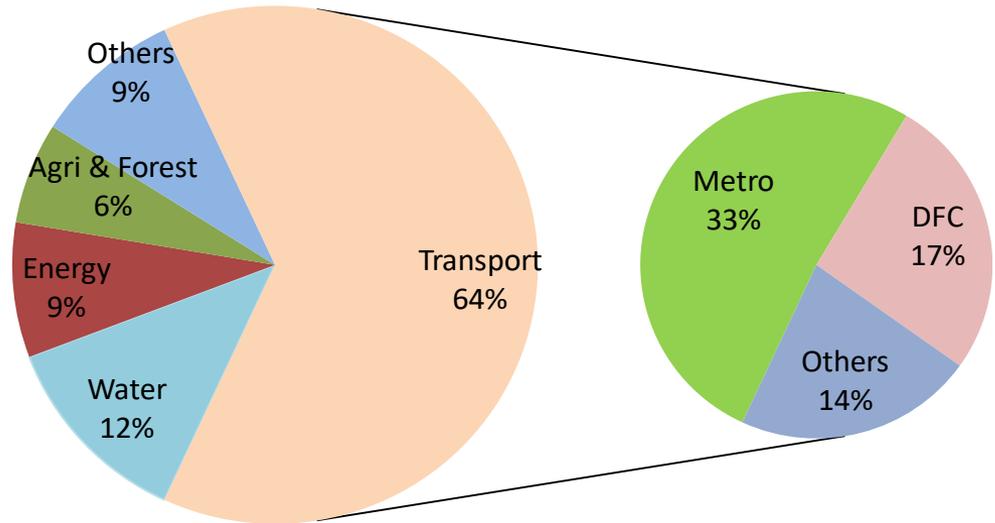
Operational Results in FY2017/18:

Commitment: JPY 398.4 billion
(equivalent to about Rs. 25,000 crore)
Disbursement: JPY 264.3 billion
(equivalent to over Rs. 16,000 crore)

Terms and conditions: (as of Jan. 2018)

- General terms: Interest rate 1.5%, repayment period 30 years (including 10 years grace period)
- STEP: Interest rate 0.1%, repayment period 40 years (including 12 years grace period)

Major Sector (FY2008/09-2017/18)



Grant Aid

Two on-going projects
in
Varanasi & Bengaluru

Technical Cooperation

▪ Results in FY 2016/17
JPY 16.0 billion (about Rs. 850 crore)

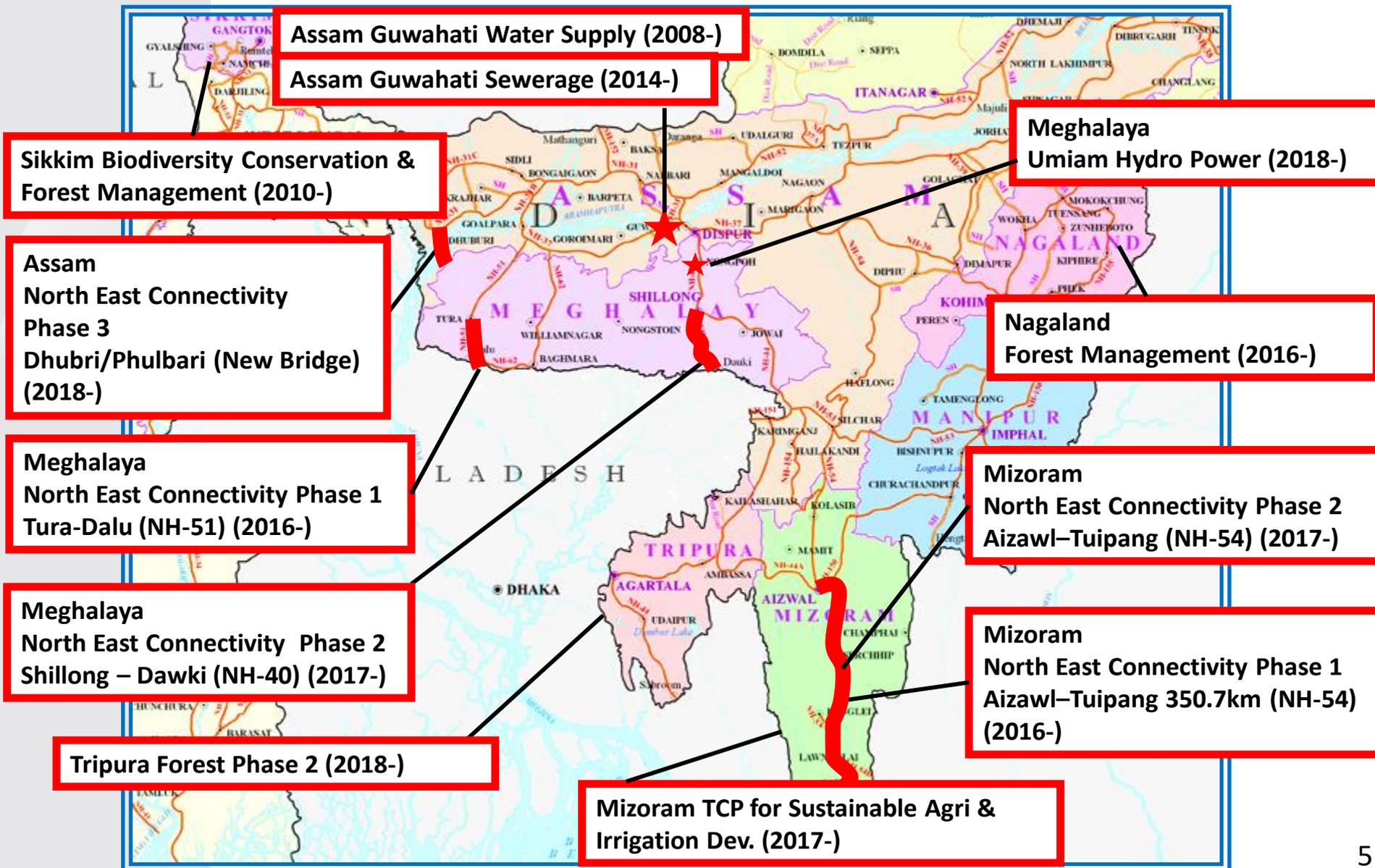
About 1100 Japanese experts to India
About 250 Trainee from India to Japan

Citizen Partnership / Public-Private Partnership

- Japanese Volunteers
- Japanese NGO activities
- Partnerships with Private-Sector Activities

JICA's Cooperation for NER

Continuous Cooperation for Sustainable Development including Connectivity Enhancement



North East Road Network Connectivity Improvement Project Phase 1

- ❖ Loan Agreement: Signed on March 31, 2017 (For First Tranche)
- ❖ Project Scope: 2 Laning & Improvement of **NH 54** (350.7 km) in **Mizoram & NH 51** (51 Km) in **Meghalaya**
- ❖ Total Project cost: JPY 125 billion (roughly INR 6,898 crore); JICA share: JPY 96 billion (INR 5,300 crore). Tranche 1 L/A: JPY 67 Billion

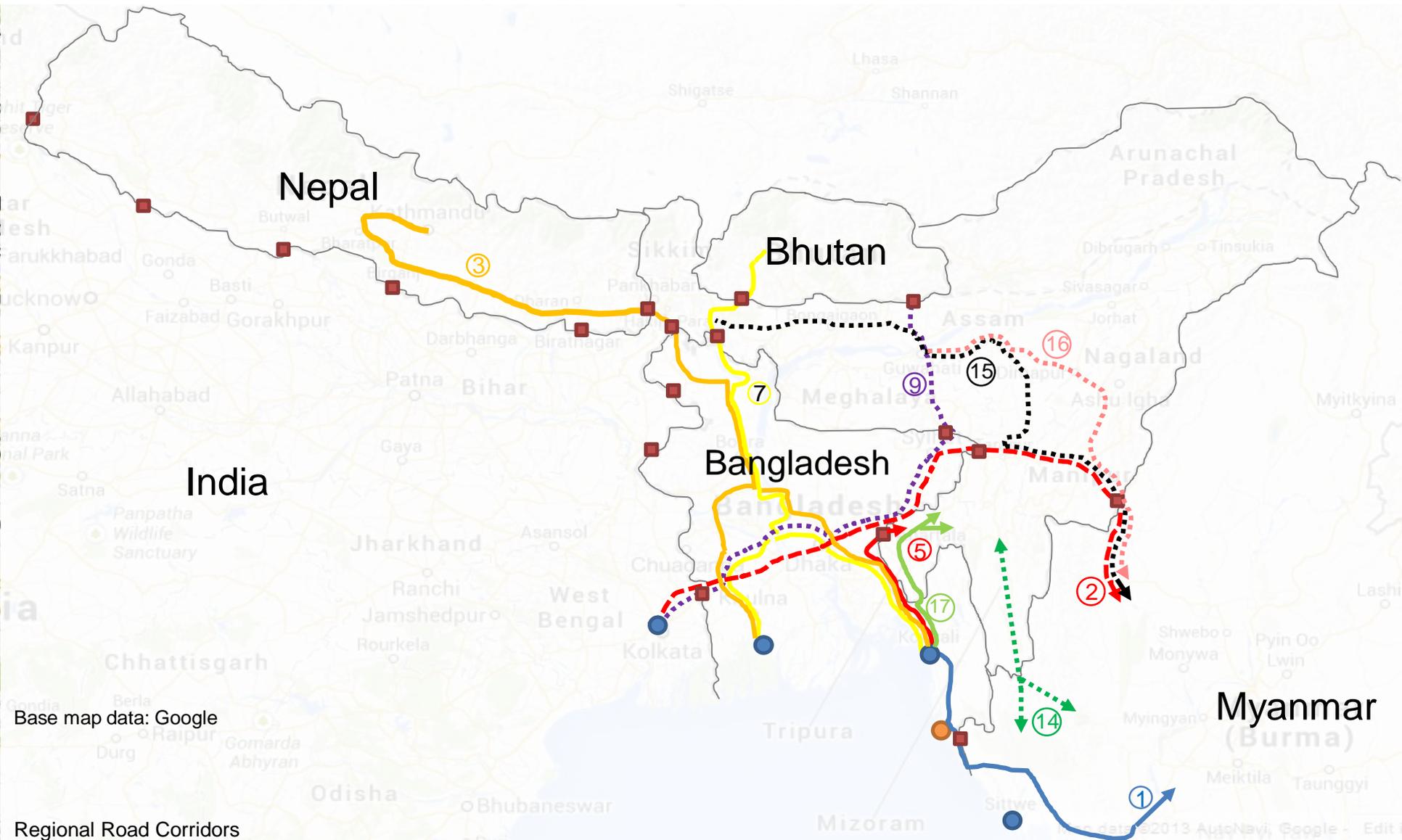


Mountainous Terrain of NH-54



Steep Terrain of NH-54

Shortlist – 11 Regional Road Corridors



Base map data: Google

Regional Road Corridors

- RO1
- RO2
- RO3
- RO5
- RO7
- RO9
- RO14
- RO15
- RO16
- RO17
- Port
- Potential Port
- Major Border Crossing Point

Alignments are indicative only

- LA Amount / 5,384 Million JPY signed on 31-Mar 2010
- Project objectives:
 1. Strengthen biodiversity conservation and forest management capacity;
 2. Improve livelihood of forest-dependent communities in Sikkim that is located in one of the biodiversity hotspots in the world.
- Sustainable biodiversity conservation, plantation by Joint Forest Management Committees (JFMCs) covering 4,300 ha, income generation activities by Self-Help Groups (SHGs) are promoted.
- 540 SHGs will be supported in various sectors such as Eco-tourism.
- Efforts made in project led to the registration of Kangchendzonga National Park as UNESCO mixed world heritage in 2006.

Inventory of Indigenous Herb Species



JFMC members



Red Panda
Conservation of native species



Renovation and Modernization of Umiam-Umtru Stage-III Hydroelectric Power Station

➤ LA Amount / 5,497 Million JPY signed on 29-Oct 2018

➤ Object;

To improve the power shortage of Meghalaya by renovating, modernizing and upgrading the Umiam - Umtru Stage - III Hydroelectric Power Station, situated by the Umtru River, thereby contributing to the industrial development and living standard improvement in the State

➤ Target;

Indicator	Unit	2016		Target
Capacity	MW	30MW x 2 units		33MW x 2 units
Annual Power Generation	GWh/year	65.3		157.5
Unplanned Outage Hours	Hours/year	Unit 1	7,613	88
		Unit 2	4,034	

➤ Past JICA Supported Projects in Umiam

- Umiam Hydro Power Station Renovation Project
1997-2004, LA Amount 1,700 Million JPY, Renovation of 9MW x 4 units Hydro
- Umiam Stage 2 Hydro Power Station R&M Project
2004-2012, LA Amount 1,964 Million JPY, Renovation of 10MW x 2 units Hydro

Power Station Building



Generators



Quality Infrastructure in Sustainable Development Goals (SDGs)

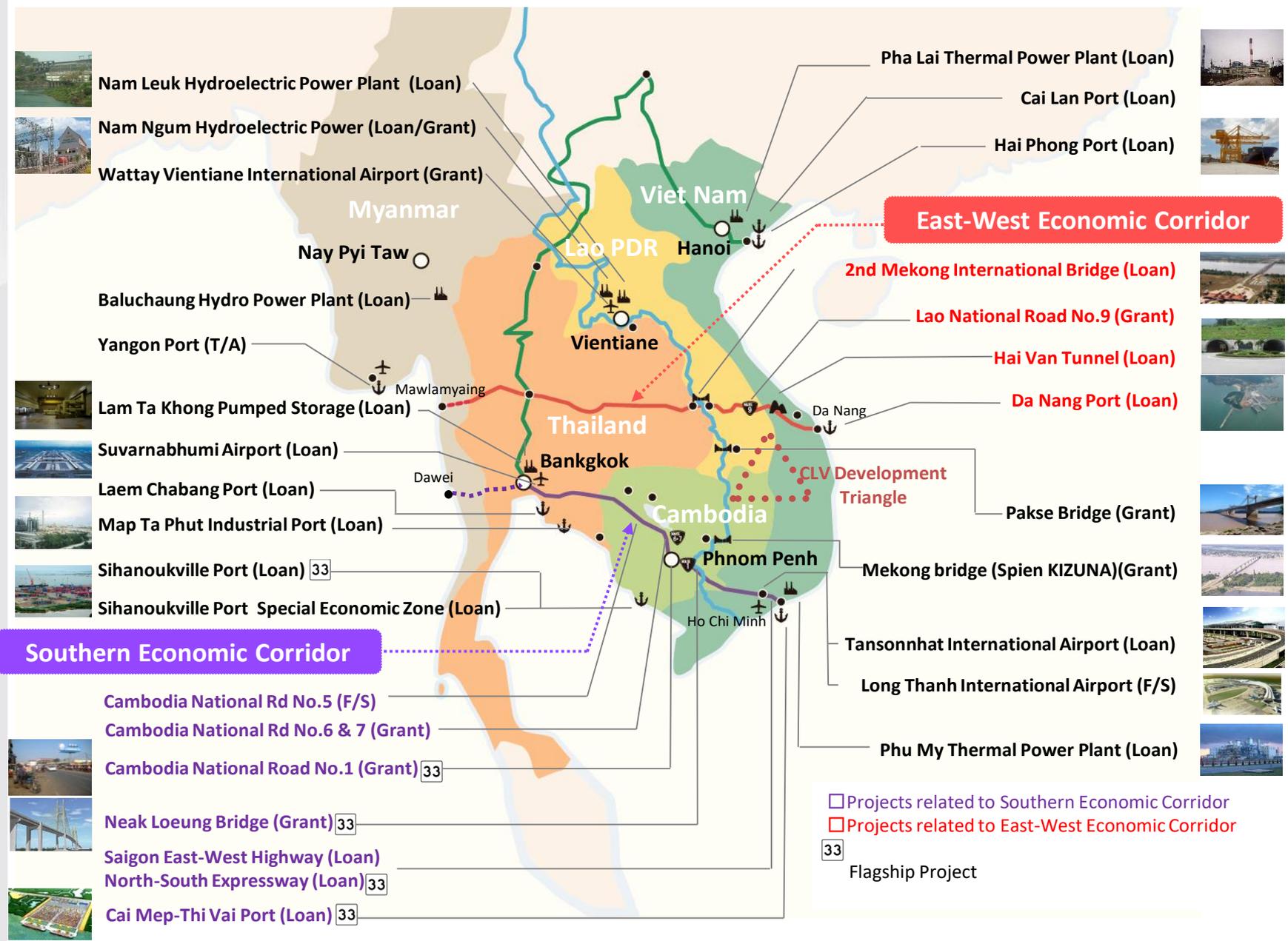
Goal 9

Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

Target 9.1

Develop quality, reliable, sustainable and resilient infrastructure, including regional and trans border infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all

JICA's contribution to Economic Corridors and Mekong Area



Thank you!

धन्यवाद



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