



Boosting Sea Connectivity of BIMP-EAGA Sub-Region

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Deputy Executive Director of the Mindanao Development Authority (MinDA)*



BIMP-EAGA: RENEWAL OF CENTURIES-OLD BROTHERLY TIES



BIMP-EAGA HISTORY

BIMP-EAGA begun as a main agenda item in the high level talks of then President Fidel V. Ramos with his BIM counterpart Heads of States in 1992.

BIMP-EAGA Inaugural Senior Officials' Meeting and Ministers' Meeting (SOM/MM) was held in Davao City, Philippines on 24-26 March 1994.

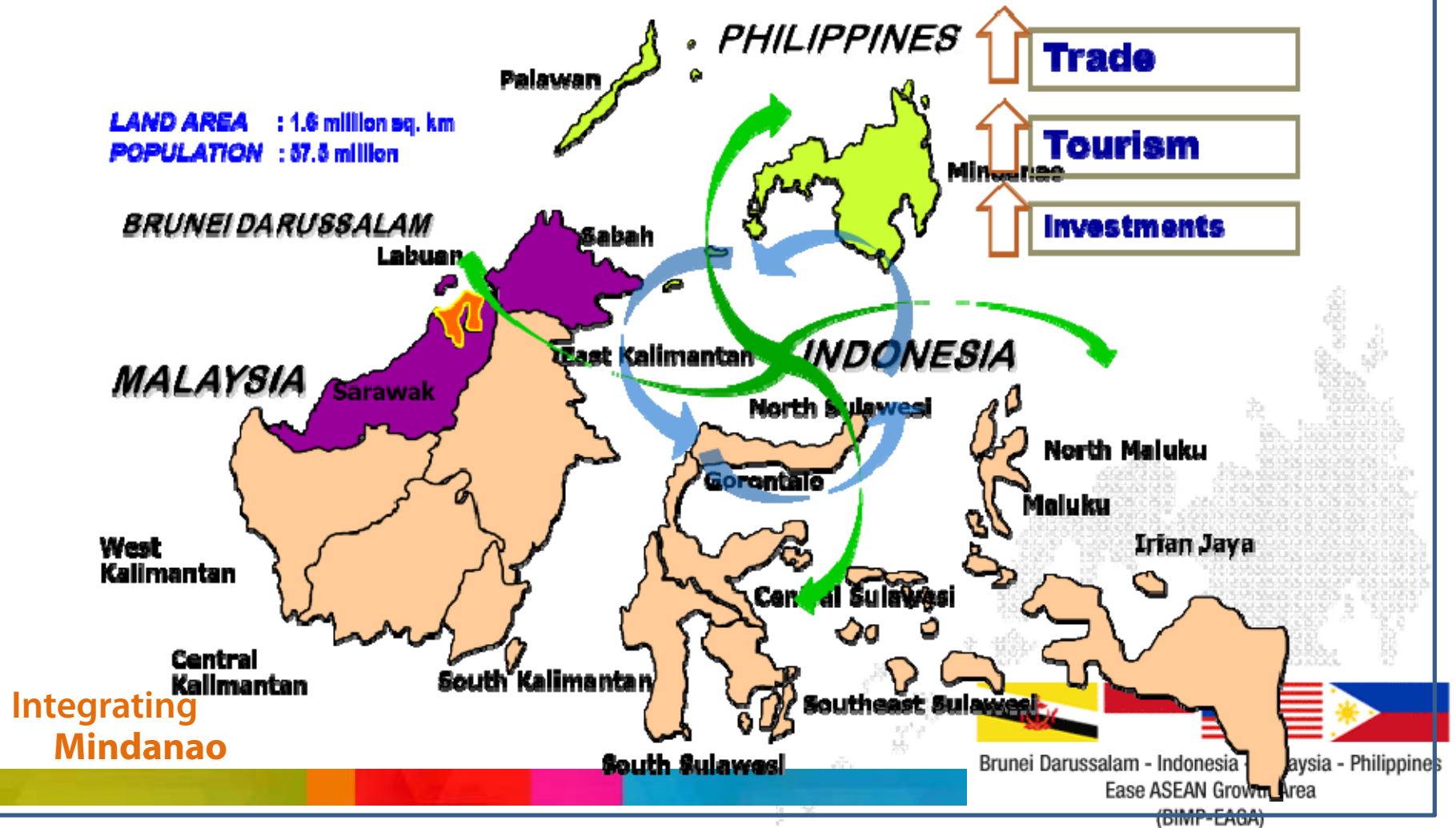


GEOGRAPHY

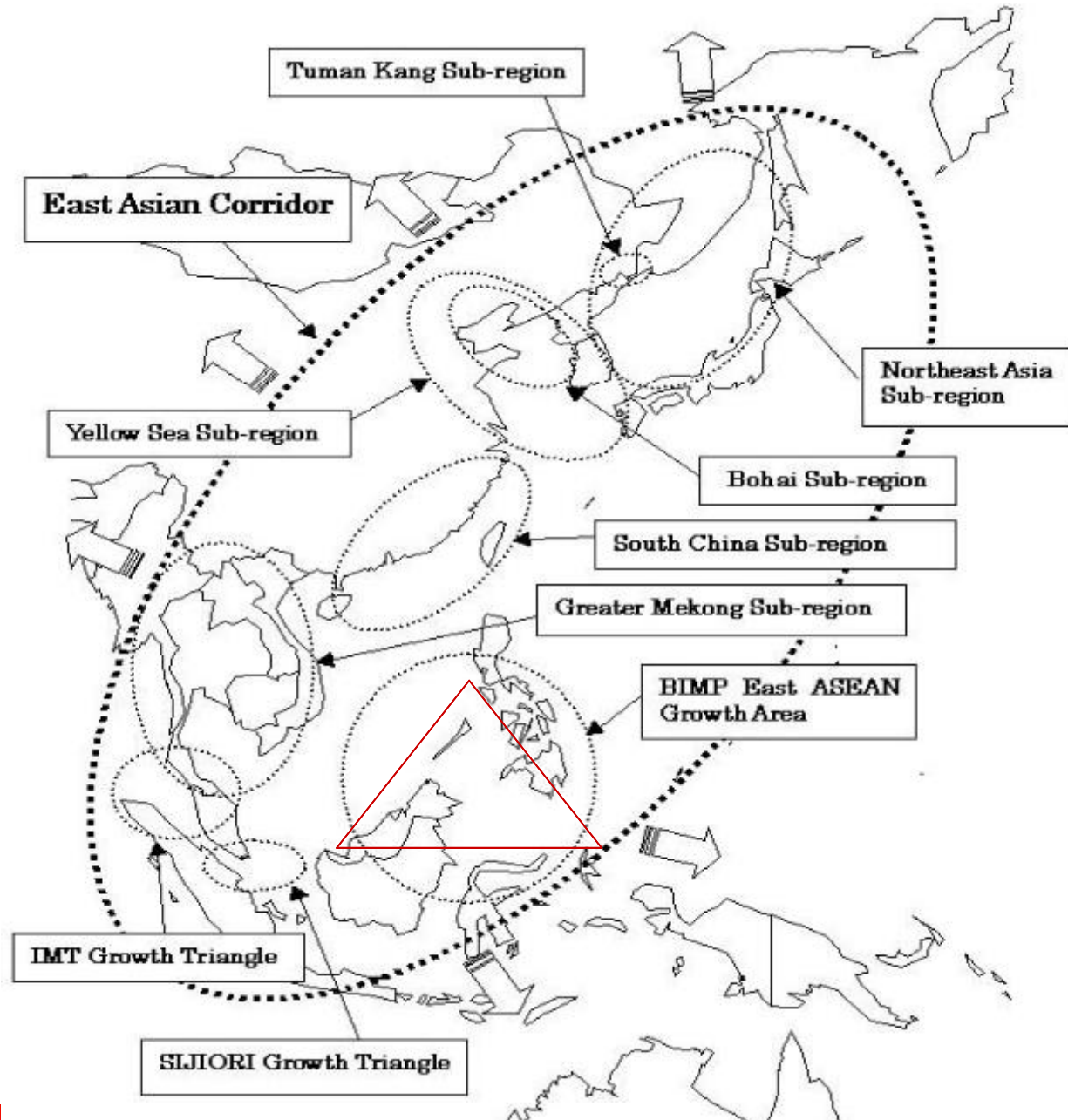


BIMP-EAGA

LAND AREA : 1.6 million sq. km
POPULATION : 57.5 million



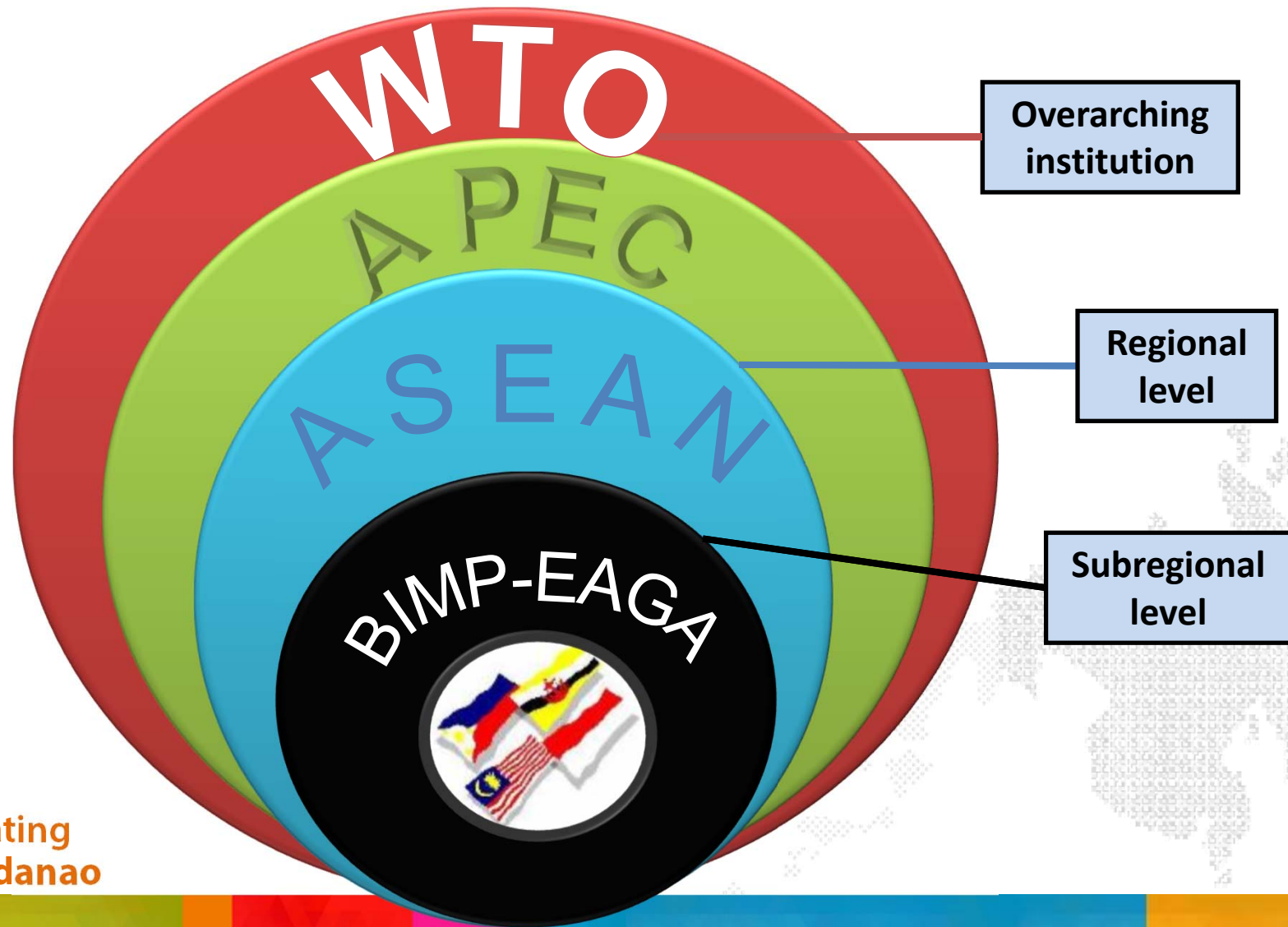
BIMP-EAGA is among the growth triangles in Asia.



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Economic Integration Structure



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Harnessing Potentials Under BIMP-EAGA:

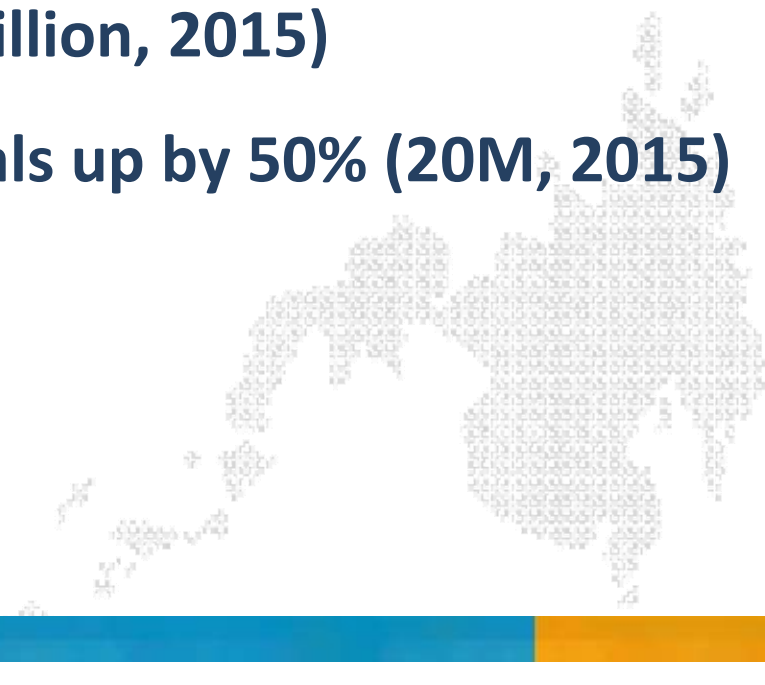
- **A test-bed for ASEAN protocols and agreements**
- **A building-block towards achieving ASEAN Integration**



Targets by 2030

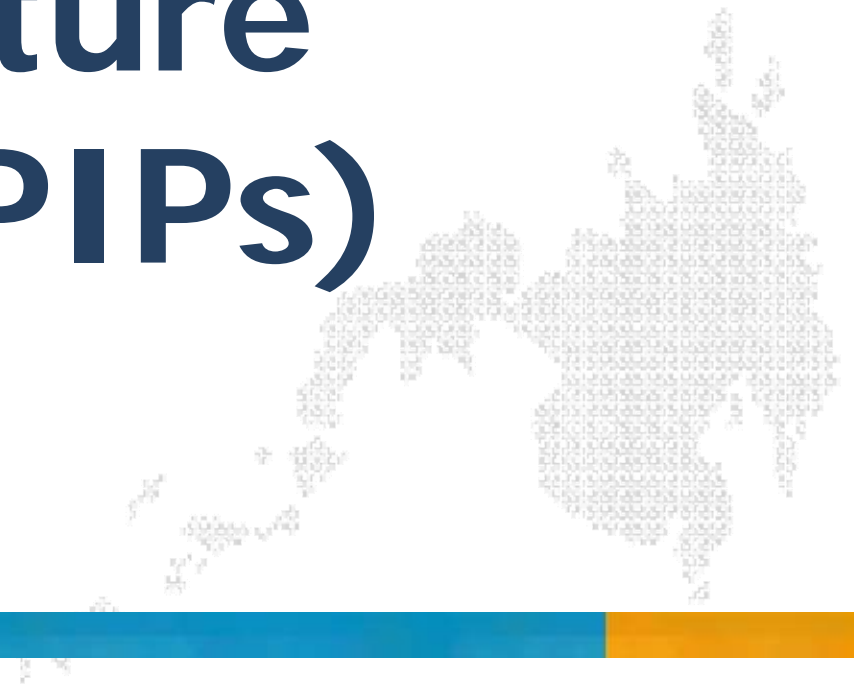
- ❑ **EAGA represents 20% of BIMP economy (15%, 2015)**
- ❑ **EAGA exports double to \$240 billion (\$120 billion, 2015)**
- ❑ **Intra-EAGA trade increases to 10% of total trade (6%, 2015)**
- ❑ **FDI doubles to \$20 billion (\$10 billion, 2015)**
- ❑ **Foreign & domestic tourist arrivals up by 50% (20M, 2015)**

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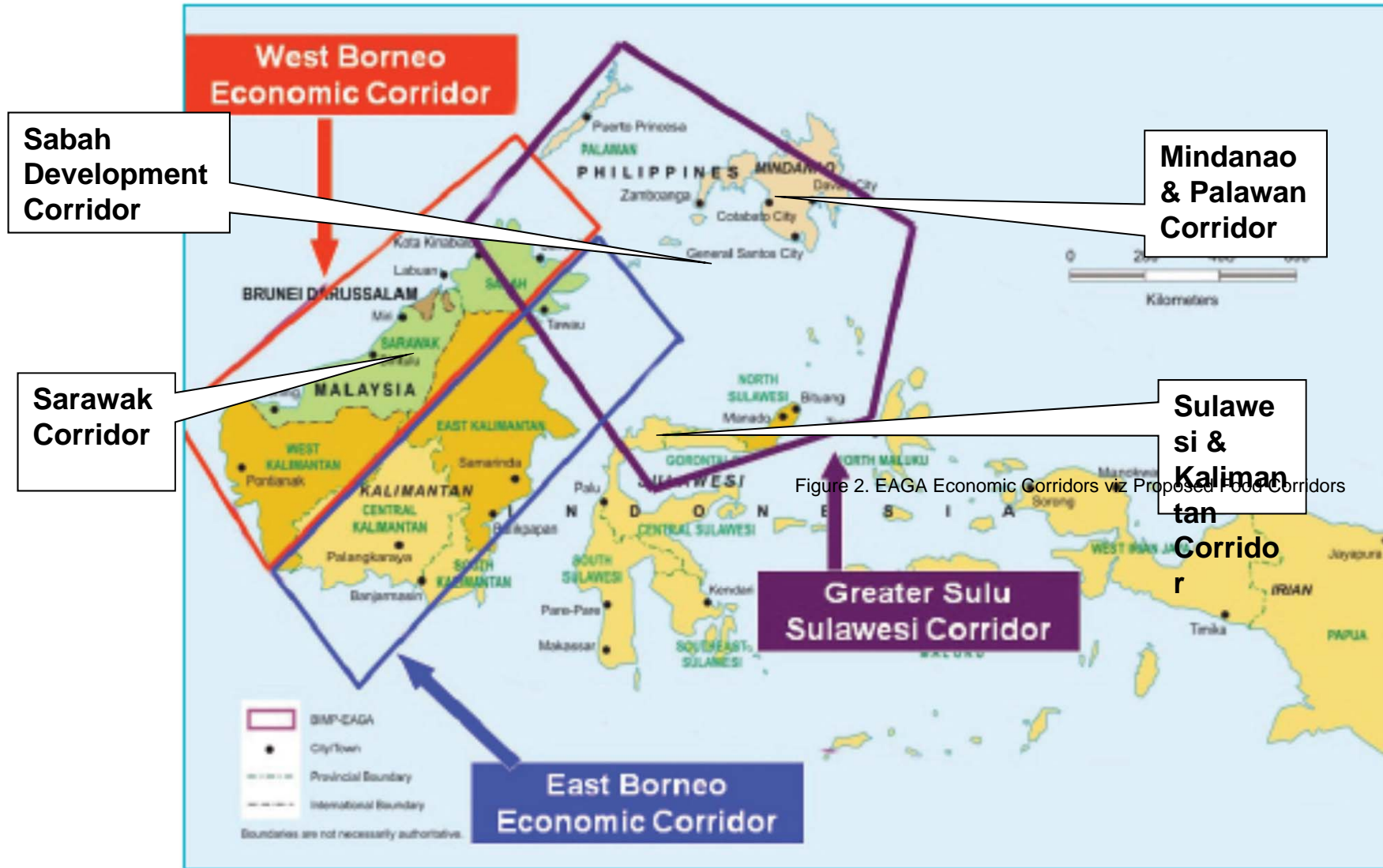


BIMP-EAGA Priority Infrastructure Projects (PIPs)

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BIMP EAGA Economic Growth Corridors



**BIMP-EAGA
PRIORITY INFRASTRUCTURE
PROJECTS (PIPS2)**

Inland Transport
Terminals

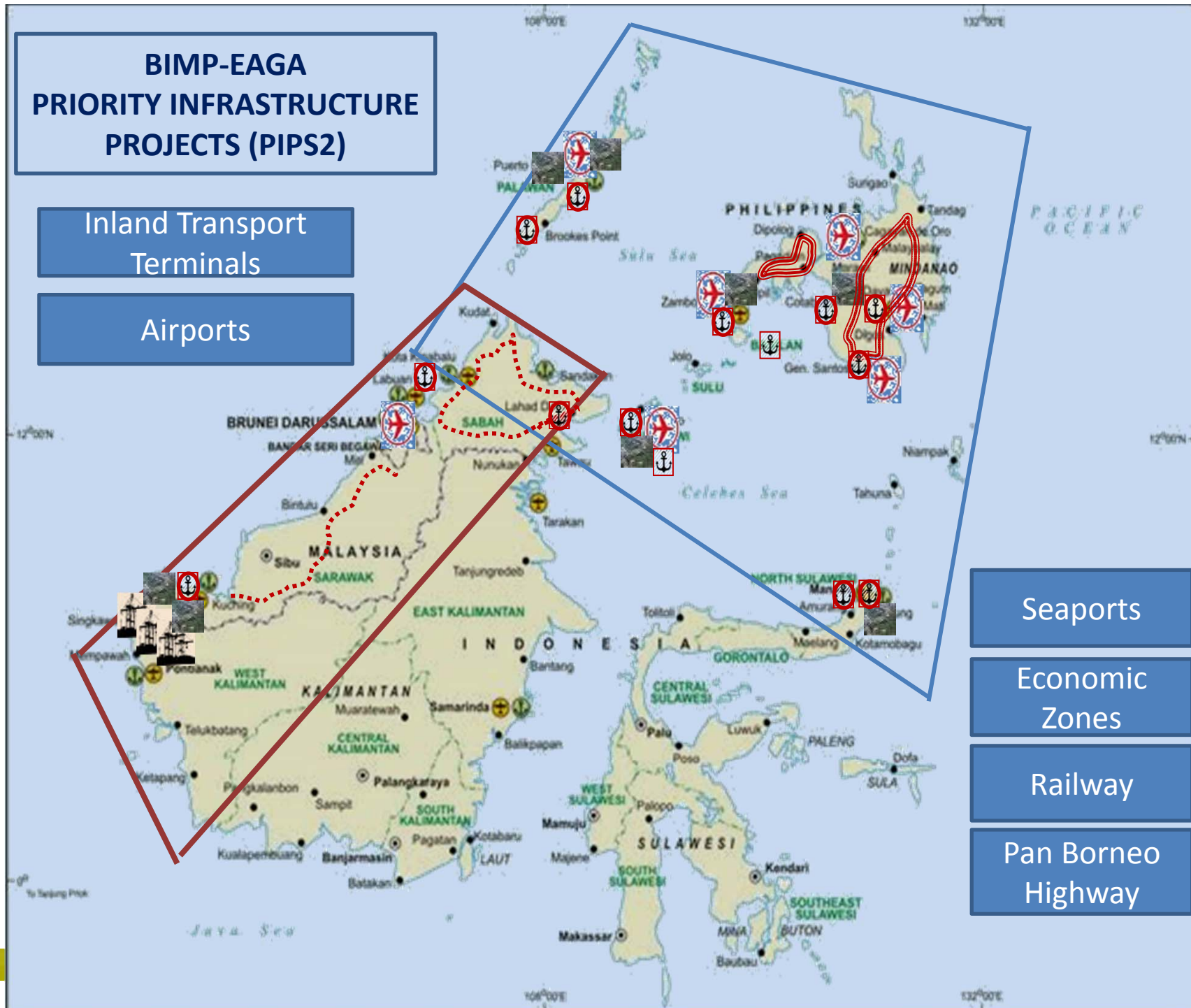
Airports

Seaports

Economic
Zones

Railway

Pan Borneo
Highway



PRIORITY INFRASTRUCTURE PROJECTS (PIPs)

No	Project Name/Sector	Estimated Project Cost (US\$ Million)	Lead Member Country
I	ROADS, RAILWAYS AND BRIDGES		
1	Tanjung-Selor Border Road	130.60	Indonesia
2	Pontianak-Entikong Transport Link (Tayan-Sarawak Road Rehabilitation)	35.30	Indonesia
3	Manado-Bitung Link (Toll Road Component)	400.00	Indonesia
4	Pan-Borneo Highway (Sarawak and Sabah)	7,000.00	Malaysia
5	Construction of Kalabakan Road, Serudong (Sabah) ^a	193.00	Malaysia
6	Improving Growth Corridors in Mindanao (Western Mindanao Corridor) ^a	360.00	Philippines
7	Improving Growth Corridors in Mindanao (South Central Mindanao Corridor) ^a	300.00	Philippines
8	Road Improvement and Institutional Development Project (Mindanao Roads: Cagayan de Oro, Butuan, Dipolog and North Cotabato)	45.00	Philippines
9	Davao-General Santos Road Improvement	21.30	Philippines
10	Mindanao Railway System ^a	8,000.00	Philippines (PPP)
11	Panguil Bay Bridge	110.00	Philippines
12	Sulu Circumferential Road	110.00	Philippines
	Tawi-Tawi Road Network Development	23.00	Philippines
	Sub-total Roads, Railways and Bridges	16,728.20	

PRIORITY INFRASTRUCTURE PROJECTS (PIPs)

II	INLAND TRANSPORT SERVICES		
13	Aruk Passenger Terminal	7.70	Indonesia
14	Entikong International Freight Terminal (West Kalimantan)	7.70	Indonesia
15	Nangabadau International Freight Terminal	7.70	Indonesia
	Sub-total Inland Transport Services	23.10	
III	AIRPORTS		
16	Pavement Rehabilitation of Brunei International Airport Runway	56.60	Brunei
17	Puerto Princesa Airport Passenger Terminal	82.90	Philippines (PPP)
18	General Santos Airport (Aerotropolis)	21.00	Philippines (PPP)
19	Davao International Airport Improvement	879.00	Philippines (PPP)
20	Laguindingan Airport Development	347.00	Philippines (PPP)
21	New Zamboanga International Airport	214.00	Philippines (PPP)
22	Sanga-Sanga Airport	18.00	Philippines
	Sub-total Airports	1,618.50	

PRIORITY INFRASTRUCTURE PROJECTS (PIPs)

IV	SEAPORTS		
23	Manado-Bitung Link (Manado Port Expansion)	6.90	Indonesia
24	Manado-Bitung Link (Bitung International Port Expansion)	350.00	Indonesia
25	Expansion of Sepangar Bay Container Port	300.00	Malaysia
26	Lahad Datu Palm Oil Industrial Cluster (Container Port)	166.00	Malaysia
27	Dredging of Kuching Port	100.00	Malaysia
28	Zamboanga Port	147.80	Philippines
29	Sitangkai Port	Tbd	Philippines
30	General Santos (Makar Wharf) Port	46.45	Philippines
31	Brooke's Point Port	11.50	Philippines
32	Polloc Port	34.00	Philippines
33	Davao Sasa Port Modernization	410.00	Philippines (PPP)
34	Puerto Princesa Integrated Fishport ^b	16.80	Philippines
35	Malassa Port Development	65.00	Philippines
36	Basilan Seaport Projects	14.00	Philippines
	Sub-total Seaports	1,668.45	

PRIORITY INFRASTRUCTURE PROJECTS (PIPs)

V	POWER AND ENERGY INFRASTRUCTURE		
37	North Kalimantan-Tawau (Sabah) Power Grid Interconnection ^b	120.0	Indonesia/ Malaysia
38	Limbang Hydro Project 1 (Sarawak-Sabah Interconnection) ^b	159.8	Malaysia
39	Limbang Hydro Project 2 (Sarawak-Sabah Interconnection) ^b	344.9	Malaysia
40	Limbang Hydro Project 3 (Sarawak-Sabah Interconnection) ^b	487.0	Malaysia
41	Lawas Hydro Project (Sabah-Sarawak Interconnection) ^b	211.4	Malaysia
42	Visayas-Mindanao Interconnection Project ^b	900.00	Philippines
43	Mindanao Transmission Backbone Upgrading	Tbd	Philippines
	Sub-total Power and Energy Infrastructure	2,223.1	
VI	INFORMATION COMMUNICATION AND TECHNOLOGY (ICT)		
44	BIMP-EAGA Submarine Terrestrial (BEST) Cable Project	150.00	Private Sector
	Sub-total ICT	150.00	

PRIORITY INFRASTRUCTURE PROJECTS (PIPs)

VII TRADE FACILITATION (CIQS FACILITIES AND ECONOMIC ZONES)			
45	Tebedu Special Economic Zone ^b	Tbd	Malaysia (PPP)
46	Entikong Border Crossing	5.60	Indonesia
47	Entikong Special Border Zone ^b	Tbd	Indonesia
48	Bitung Special Economic Zone	175.00	Indonesia
49	Zamboanga Special Economic Zone	135.00	Philippines
50	ARMM Regional Economic Zone (REZA) ^b	Tbd	Philippines
51	Tawi-Tawi Freeport Zone ^b	Tbd	Philippines
52	San Vicente Tourism Enterprise Zone ^b	Tbd	Philippines
53	Puerto Princesa City Environmental Estate ^b	Tbd	Philippines
Sub-total Trade Facilitation		315.6	
VIII ENVIRONMENT AND URBAN DEVELOPMENT			
54	BIMP-EAGA Green Cities Initiative ^b	400.00	Brunei/Indonesia Malaysia/Philippines
Sub-total Environment and Urban Development		400.00	
GRAND TOTAL		23,126.95	

PRIORITY INFRASTRUCTURE PROJECTS (PIPs)

PROJECT	Estimated Project Cost (US\$ Million)
Roads, Railways and Bridges	16,728.20
Inland Transport Services	23.10
Airports	1,618.50
Seaports	1,668.45
Power and Energy Infrastructure	2,223.1
ICT	150.00
Trade Facilitation (CIQS Facilities and Economic Zones)	315.6
Environment and Urban Development	400.00
GRAND TOTAL	\$23,126.95

Note: List and total cost do not include yet additional projects submitted at the BIMP-EAGA Strategic Planning Meeting 2017 held on Jan 31-Feb 3 in Jakarta, Indonesia.

BIMP-EAGA Growth Area



BRUNEI DARUSSALAM
INDONESIA MALAYSIA
PHILIPPINES

BRUNEI
DARUSSALAM
MALAYSIA

PHILIPPINES

INDONESIA

BIMP-EAGA Pillar Enhancing Sub-regional Connectivity



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BRUNEI INDONESIA MALAYSIA PHILIPPINES - EAST ASEAN GROWTH AREA

Focus of Cooperation

GOALS

Establish an interconnected subregion by seamless and safe multimodal transport

OBJECTIVES

Improve infrastructure facilities (roads, airports, seaports)

Improve transport facilitation within and outside of EAGA

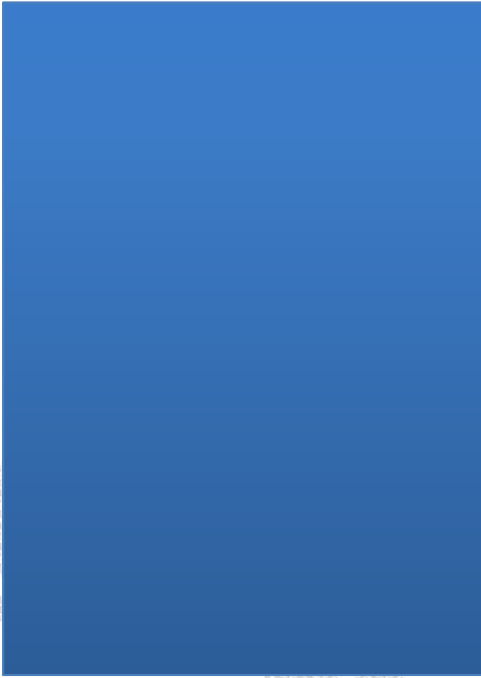
STRATEGIES

Air

- Increase mobility in air transport
- Economically stable airline operations
- Increase passenger load
- Seamless people and goods mobility
- Narrow policy gaps

Land

- Seamless connectivity
- Integrated land-air-sea transport
- Green transportation
- Safe transportation



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Sea Connectivity



Existing Sea Link

- **Zamboanga – Sandakan (Passenger Ferry)**

New Initiative

- **Davao – GenSan – Bitung (RORO)**

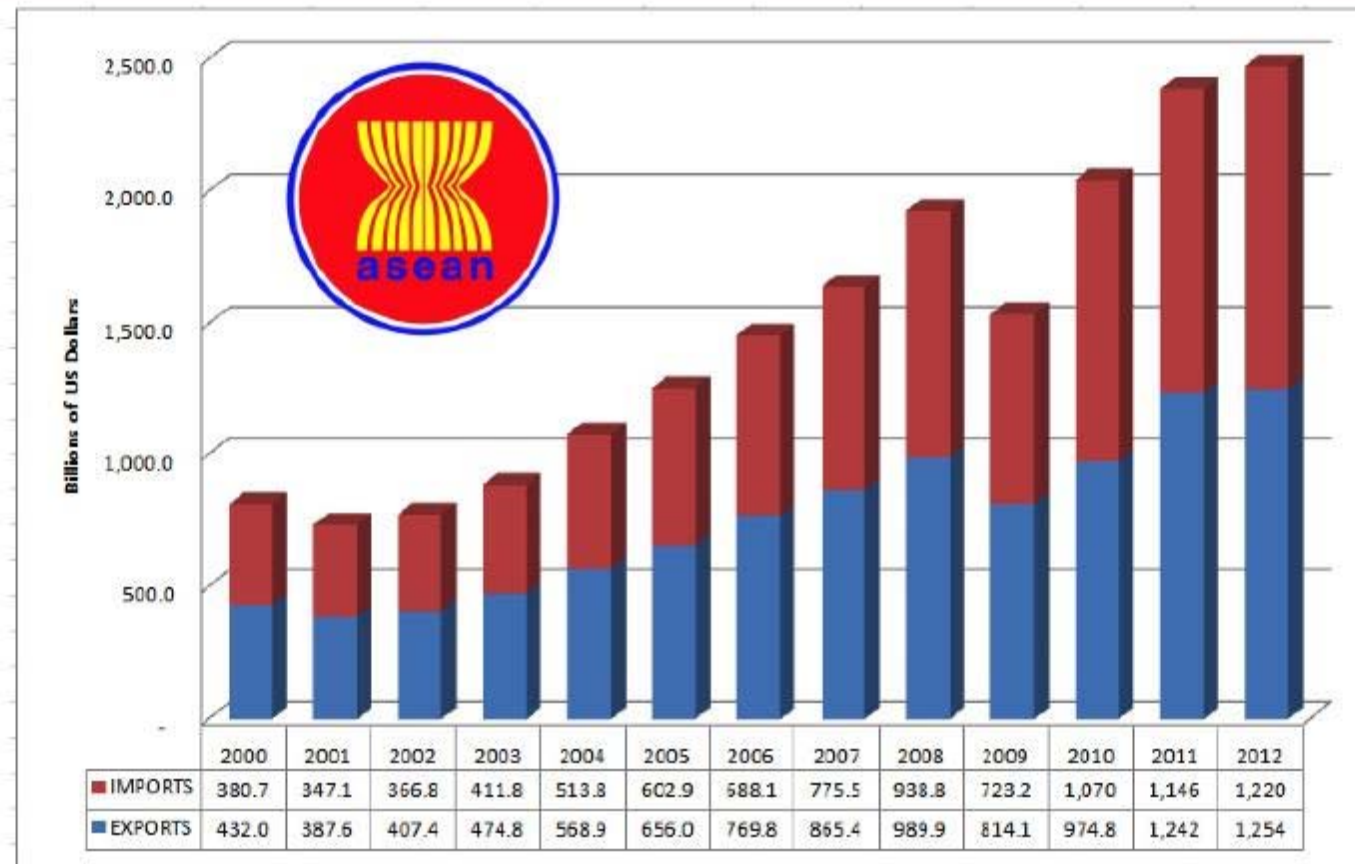
Proposed Sea Linkages

- **Brooke's Point – Kudat (RORO)**
- **Zamboanga – Muara**
- **Brooke's Point – Labuan – Muara**

Legend:

- Existing (Sea)
- - - Proposed (Sea)

GROWING INTRA-ASEAN TRADE

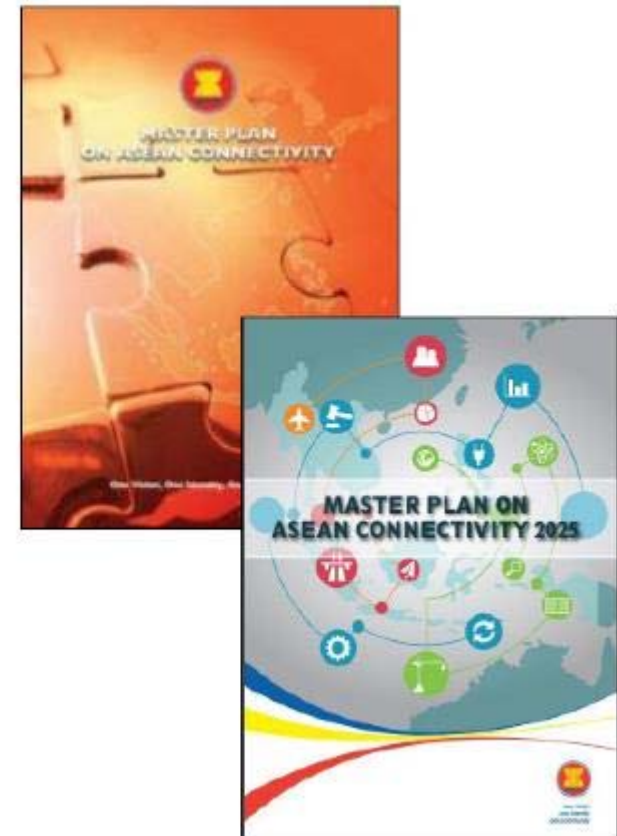


Mindanao



MASTER PLAN ON ASEAN CONNECTIVITY

- Establishment of an **ASEAN RO-RO Network** was identified as one of the key strategies on physical connectivity;
- The ASEAN RO-RO initiative was included among the **15 Flagship Projects** in the MPAC;
- Philippines and Indonesia were designated as **“co-shepherds”** for this project;
- JICA volunteered to conduct a pre-feasibility study for ASEAN

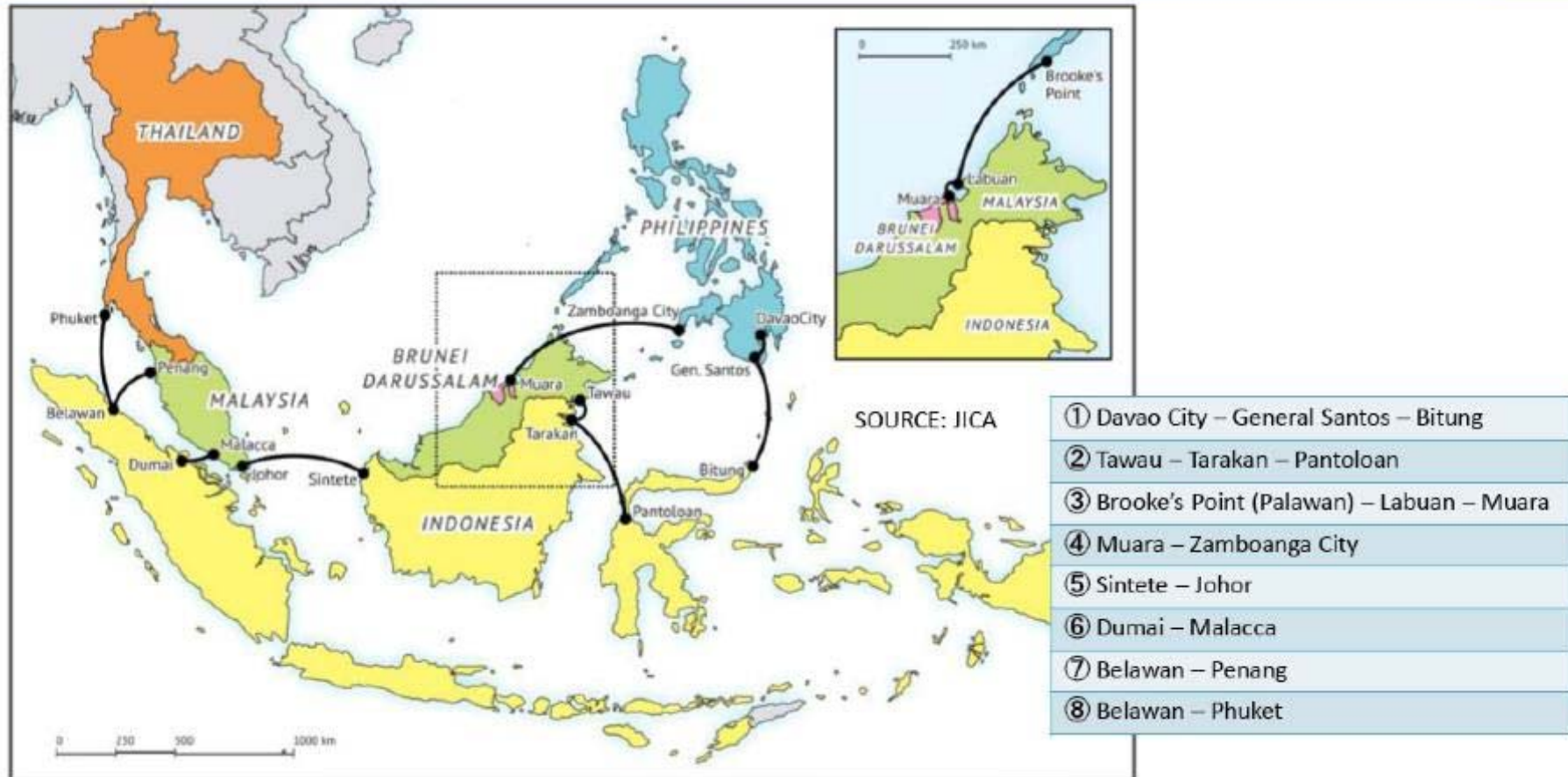


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JICA ASEAN RORO STUDY

- JICA completed a study entitled **“The Master Plan and Feasibility Study on the Establishment of an ASEAN RO-RO Shipping Network and Short Sea Shipping”**
- Identified eight (8) possible RORO Connections
- Three (3) of the eight (8) involves the Philippines:
 1. Davao/General Santos – Bitung, Indonesia
 2. Zamboanga – Muara, Brunei Darussalam
 3. Brooke’s Point – Labuan, Malaysia

8 Proposed ASEAN RORO Connections



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JICA STUDY RESULTS

Ranking	Route	Divertible Existing Traffic	Available Infrastructure	Institutional Arrangement	Proposed Ship
1	Dumai – Malacca	A	B (Dumai) C (Malacca)	B (Indonesia) A (Malaysia)	Small ROPAX
2	Belawan – Penang	A	B (Belawan) C (Penang)	B (Indonesia) A (Malaysia)	Middle to Large ROPAX
3	Davao/General Santos – Bitung	B	B (Gensan) B (Bitung)	B (Indonesia) B (Philippines)	Middle RO-RO
4	Tawau – Tarakan - Pantoloan	B	C (Tawau), B (Tarakan) B (Pantoloan)	B (Indonesia) A (Malaysia)	Small ROPAX
5	Muara – Zamboanga	B	C (Muara) C (Zamboanga)	A (Brunei) B (Philippines)	Middle ROPAX
-	Muara – Labuan – Brooke's Point	B	A (Muara), A (Labuan) D (Brooke's Point)	A (Brunei), A (Malaysia) B (Philippines)	
-	Belawan – Phuket	C	B (Belawan) B (Phuket)	B (Indonesia) A (Thailand)	
-	Johor – Sintete	C	A (Tj. Belungkor) D (Sintete)	B (Indonesia) A (Malaysia)	

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Selected Priority Routes for the ASEAN RORO Network and Short Sea Shipping



Dumai – Malacca



Belawan – Penang – Phuket



Davao/General Santos – Bitung

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Google earth

5°02'01.28" N 116°22'50.30" E elev 216 ft

Eye alt 3206.45 mi

ALMOST EVERYTHING IS IN PLACE

CARGO	<ul style="list-style-type: none">Existing trade between the Philippines and IndonesiaTransshipment cargoes	✓
SUPPORT	<ul style="list-style-type: none">Private sectorPublic sector	✓
OPERATOR	<ul style="list-style-type: none">Super Shuttle RORO	✓
PORTS	<ul style="list-style-type: none">International ports	✓
CIQS	<ul style="list-style-type: none">Present in Davao, General Santos, and Bitung	✓



CHALLENGE: Ensure that the service becomes sustainable

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BRUNEI DARUSSALAM INDONESIA MALAYSIA THE PHILIPPINES EAST ASEAN GROWTH AREA (BIMP-EAGA)

“ASEAN must hasten the growth and integration of Sub-Regional Cooperation Framework in the ASEAN. **Hailing from Mindanao, I commit to promote BIMP-EAGA. We will accelerate infrastructure spending by improving national roads and bridges such as the Mindanao Logistics Infrastructure Network and other network master plans, including the inter-island linkages. We have to further expand our Roll-on – Roll-off facility to Davao, General Santos and Bitung in Indonesia.**”

– President Rodrigo Duterte during the ASEAN Business and Investment Summit (ABIS) 2016 in Laos



Towards Boosting BIMP-EAGA Sea Connectivity





Thank You

Terima Kasih

Maraming Salamat Po

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