



**cagayan
deOro**
city of golden friendship

Transforming Power and Mobility in Metro CDO

Prospects in Transportation and Renewable Energy



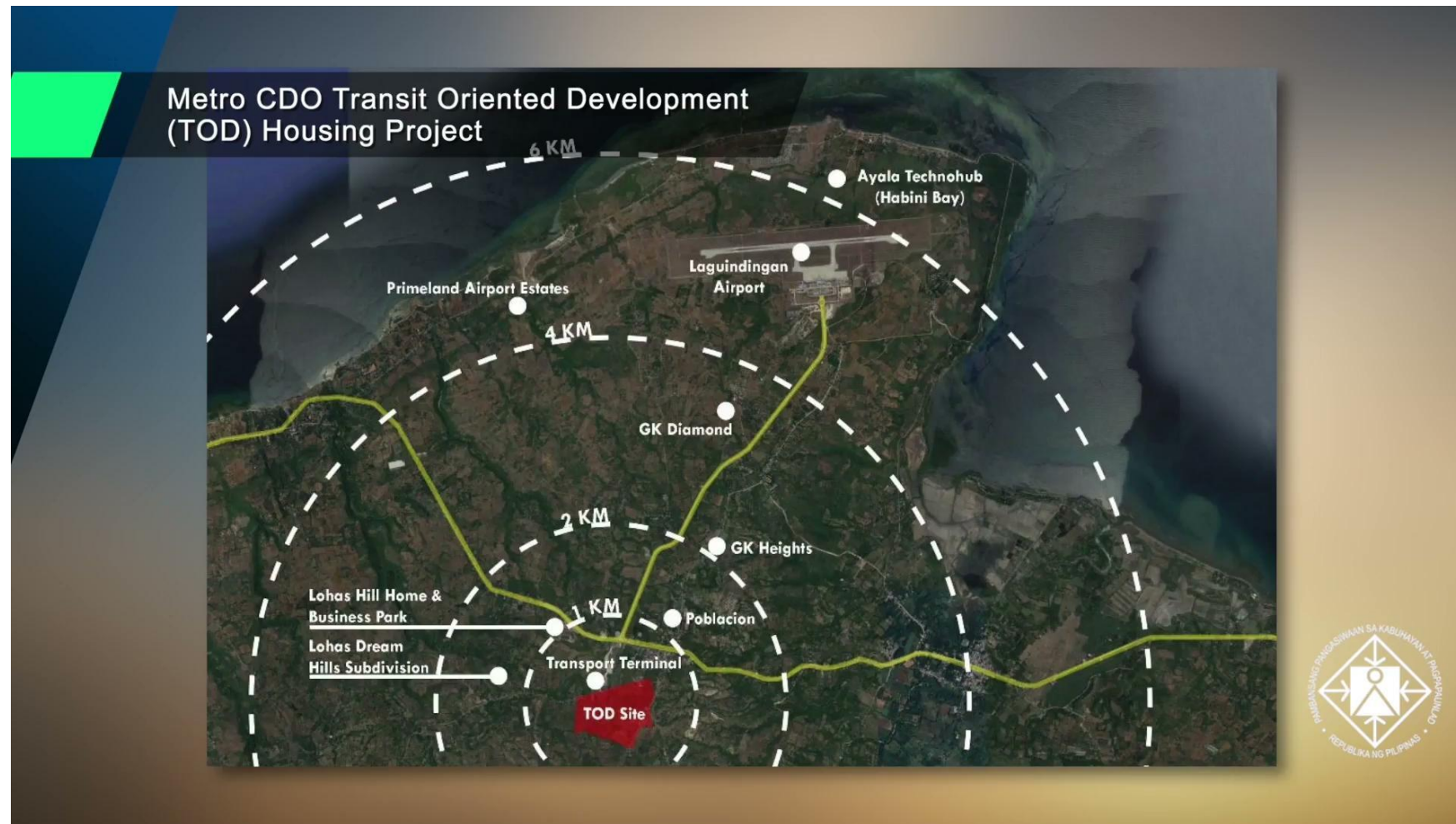
OSCAR S. MORENO
City Mayor

Metro CDO Webinar on Transport and Energy
7 October 2021

Key Message

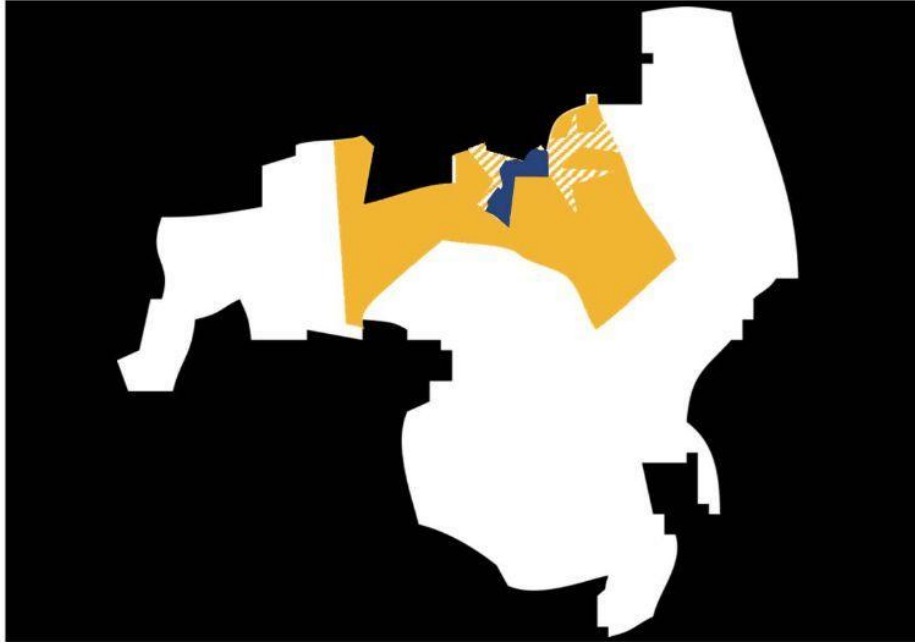
- **Overview:** Metro Cagayan de Oro
- **Golden Core City:** Cagayan de Oro
- **Metro CDO:** Golden Advantages in Renewable Energy and Transportation

Metropolitan Cagayan de Oro



Cagayan de Oro

Golden Core City



- Northern Mindanao
- Metro Cagayan de Oro
- Cagayan de Oro City

Region X		Metro CDO	% Share	Cagayan de Oro	% Share
Area (km ²)	20,496.02	2,279.40	11	578.51	2.82
Pop.	5,022,768	1,627,728	32	728,402	14.5

Solid core: Cagayan de Oro City

- **Core city** of PH 4th and NEWEST metropolitan center
- Major **gateway** and transshipment hub of Region X and Mindanao
- **Education and financial center**

Solid Core: Cagayan de Oro

Strong partnerships--government, business, academe, youth, interfaith, civil society, international communities

- **In top 10** Most Competitive Philippine Cities
- **#3 nationwide:** 2020 Startup Ecosystem
- **2019 Presidential Awardee:** Child-Friendly City
- Philippine Chamber of Commerce and Industry (PCCI): Consistent finalist, **2021 Special Citation for Most Business-Friendly LGU**
- **Center** for trade, health, transshipment, education, regional government
- **Investment-ready:** Updated local codes for investment incentives (LIIIC) and public-private partnership (PPP)

- **Strong public-private network** for Metro CDO governance
 - **Pro-active, high-performing local governments**
- **Resilient, peaceful core city:** 2018 PH Number 1 Resilient City

Solid Core: Cagayan de Oro

Ease of Doing Business (EODB)

- **Digital governance and zero contact transactions pioneer:**
 - Online business registration
 - Online payment of taxes
 - Online building permits
 - Multiple payment options



- Other online services:
 - Senior citizen and PWD ID registration
 - Civil registration
 - Psychosocial support



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Solid Core: Cagayan de Oro

Transshipment hub

JICA-funded Mindanao Container Terminal (MCT)—¥8,266-million

- Asia-Pacific ship calls



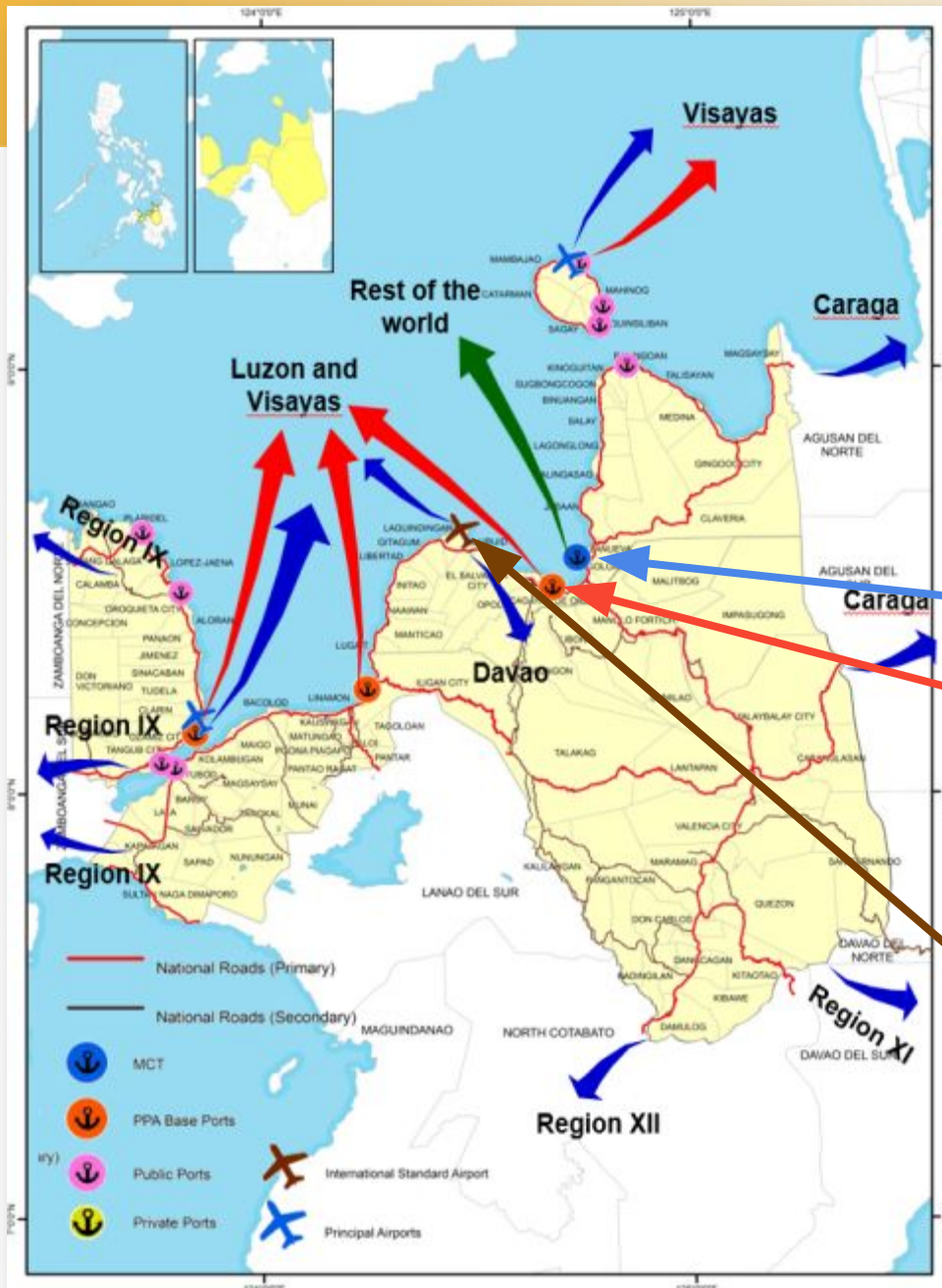
Laguindingan Airport

- 4.1% Annual growth rate in passenger traffic



Cagayan de Oro Base Port

- Hosts 900-million gallon capacity Shell Import Facility
- PH newest and largest passenger terminal



Solid Core: Cagayan de Oro

Gateway to Industry, Commerce, Trade

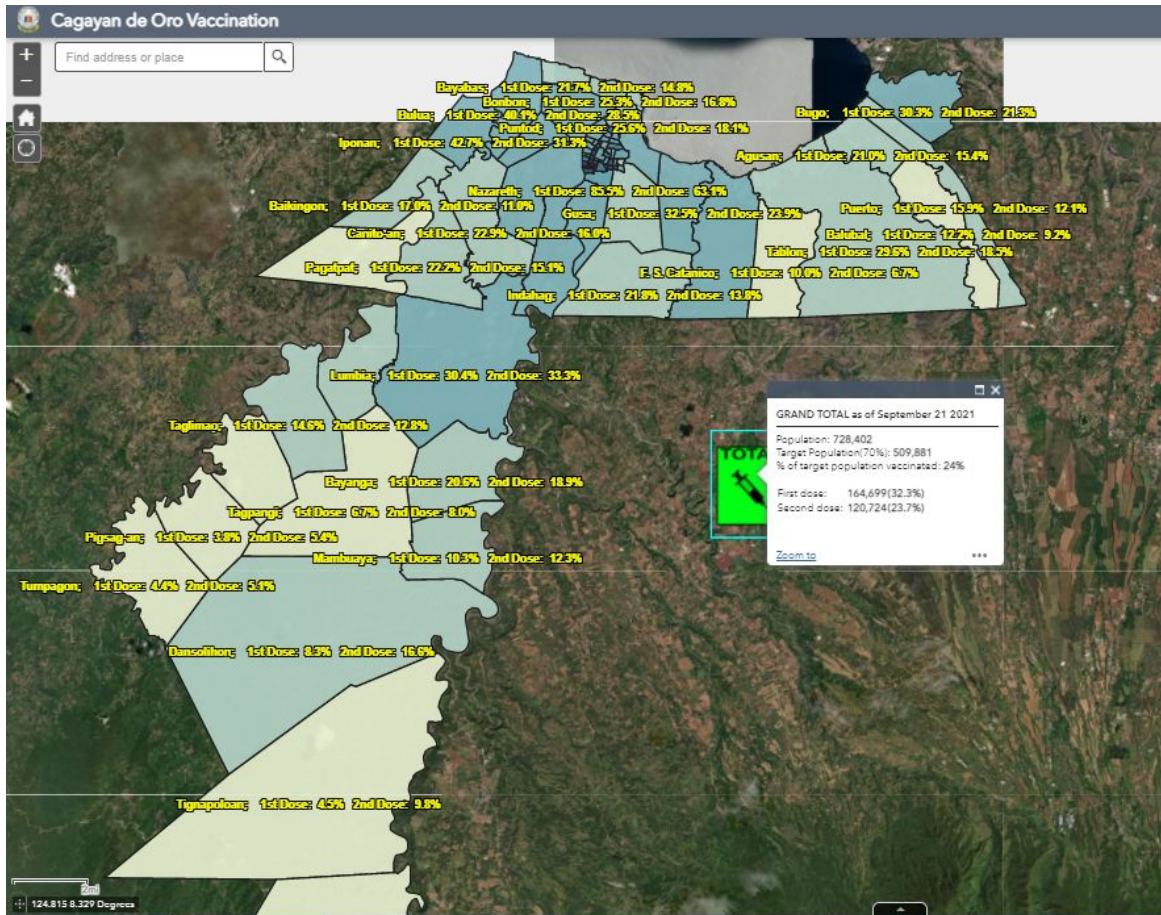


- **Industrial center of Region X**
 - **PHIVIDEC Industrial Estate:** 3,000 ha
 - **Current Locators:** JFE Steel Corporation, Steag State Power Inc., San Miguel Corporation, Jacobi Group, FDC Utilities Inc. Mindanao International Container Services Inc.
 - **Other locators in Metro CDO:** Pilipinas Kao, Cargill, Coca-Cola, Asia Brewery, Universal Robina Corp. (URC), Nestle
- **Commercial and Trade Center**
 - Technoparks, BPOs, logistics, regional malls
- **178 banks (2019), 80% in Cagayan de Oro**
 - 20% annual rate of increase in bank deposits



Solid Core: Cagayan de Oro

Balancing health and economy



- Whole-of-government, whole-of-society approach
- Measures in place to balance the health and economic objectives
 - Public health response
 - Augmentation of health systems capacity
 - Vaccination
 - Rebuild consumer and business confidence
 - Resume a new normal state of economic activity





Solid Core: Cagayan de Oro

Partnerships with Japan

- **Philippines- Japan- Cagayan de Oro City**
 - ***Flood Risk Management Project for Cagayan de Oro River (FRIMP-CDOR)—PHP8.6 billion***
 - Enhanced with Project Lunhaw under UN Habitat's Building Climate Resilience through Urban Plans and Designs (BCRUPD) Project
 - ***Wastewater treatment project with Hinode Sangyo Co., LTD***
 - Phase 1: Industry Partner (Limketkai Luxe Hotel)
 - Phase 2: Government Partner (Public Market)
 - Research partners: Xavier University and University of Science and Technology of Southern Philippines (USTP)

Metro Cagayan de Oro

*Golden Advantages in Renewable Energy
and Transportation*

Metro CDO Power Profile

3.7% 

Annual Average Growth Rate
of Peak Demand (2021-2029)

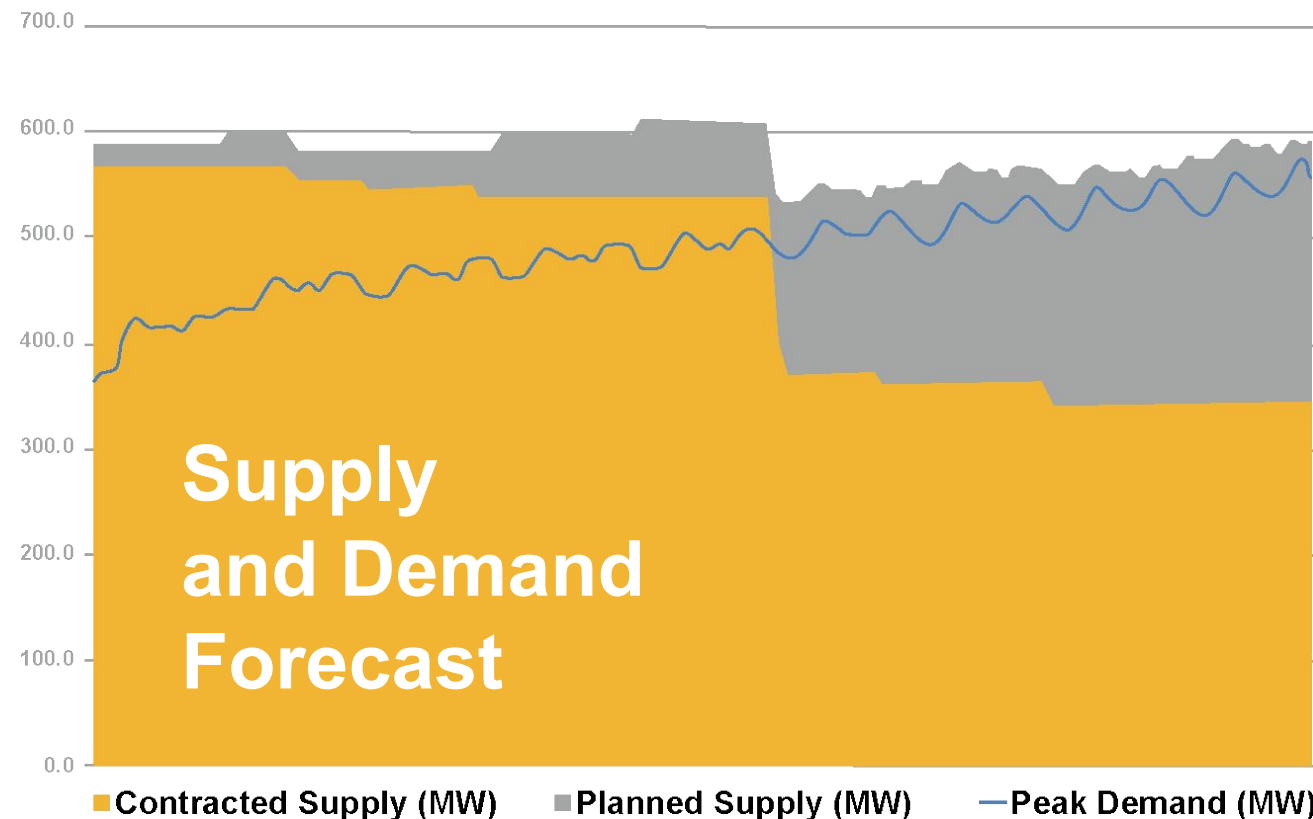
Power
supply
483 MW*

vs.

Peak
demand
465 MW**

*CY 2020; based on Power
Sharing Agreements (PSA)
and DU-owned/operated
power sources

**CY2020



Distribution
Utilities (DUs):

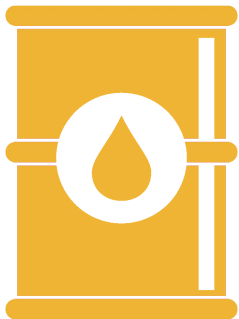


Power Mix

Grid and embedded sources

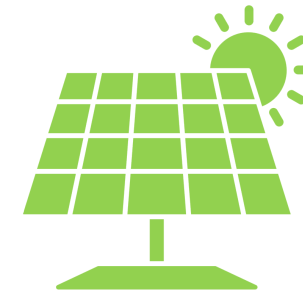
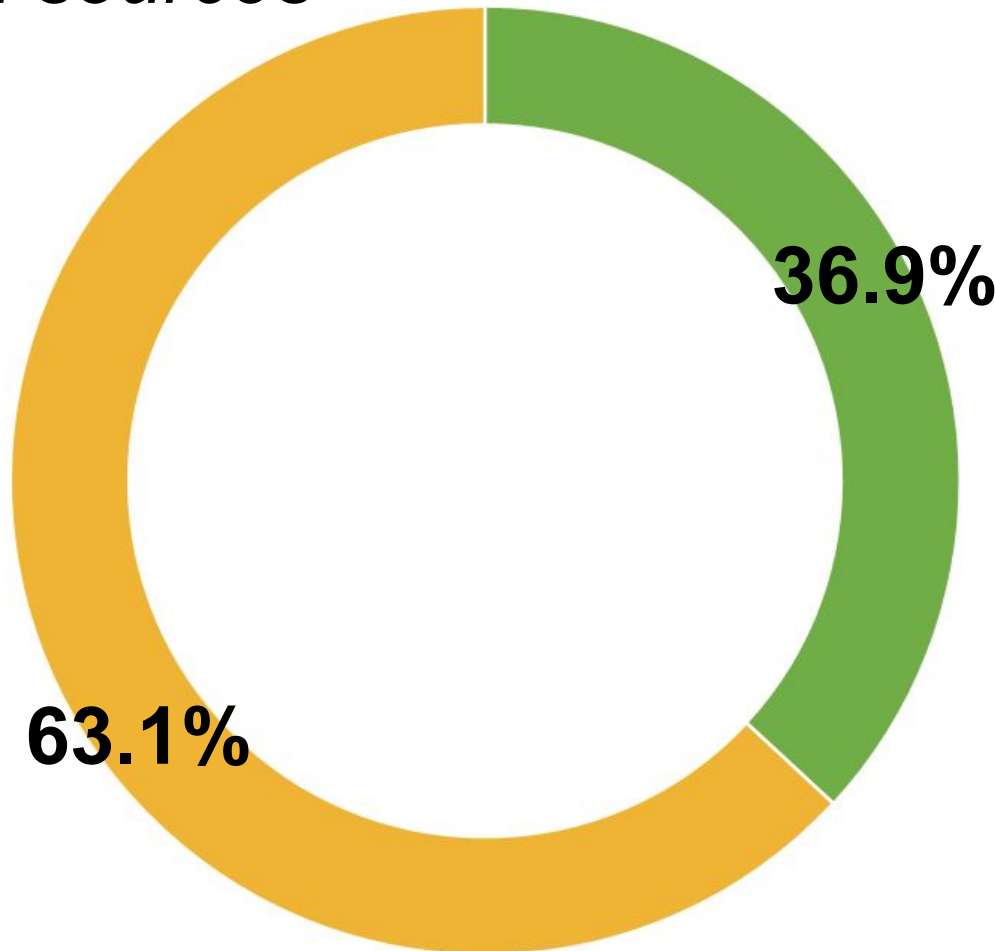


Coal

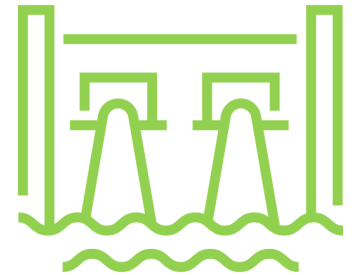


Diesel

Non-renewable Energy



Solar Power



Hydropower

Renewable Energy

Renewable Energy Portfolio: Metro CDO



- Power Plant Project 12 MW
- Napier Grass-Fired 5 MW



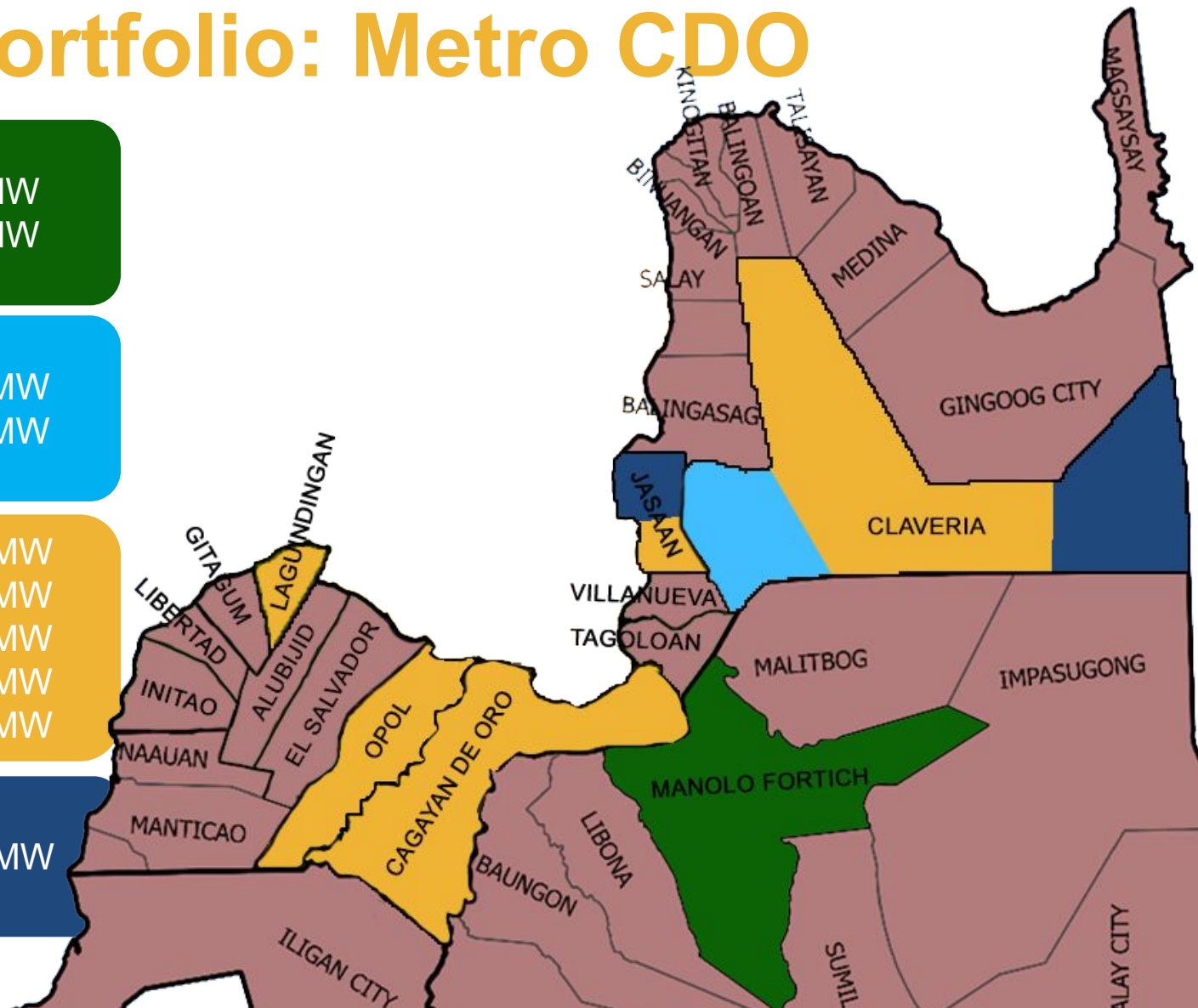
- Lower Cabulig 10 MW
- Umalag 1 1.8 MW



- Claveria, Misamis Oriental 61.1 MW
- Jasaan, Misamis Oriental 68 MW
- Bulua & Iponan, Cagayan de Oro 1 MW
- Opol, Misamis Oriental 25 MW
- Laguindingan, Misamis Oriental 20 MW



- Balatukan-Balingasag 20 MW





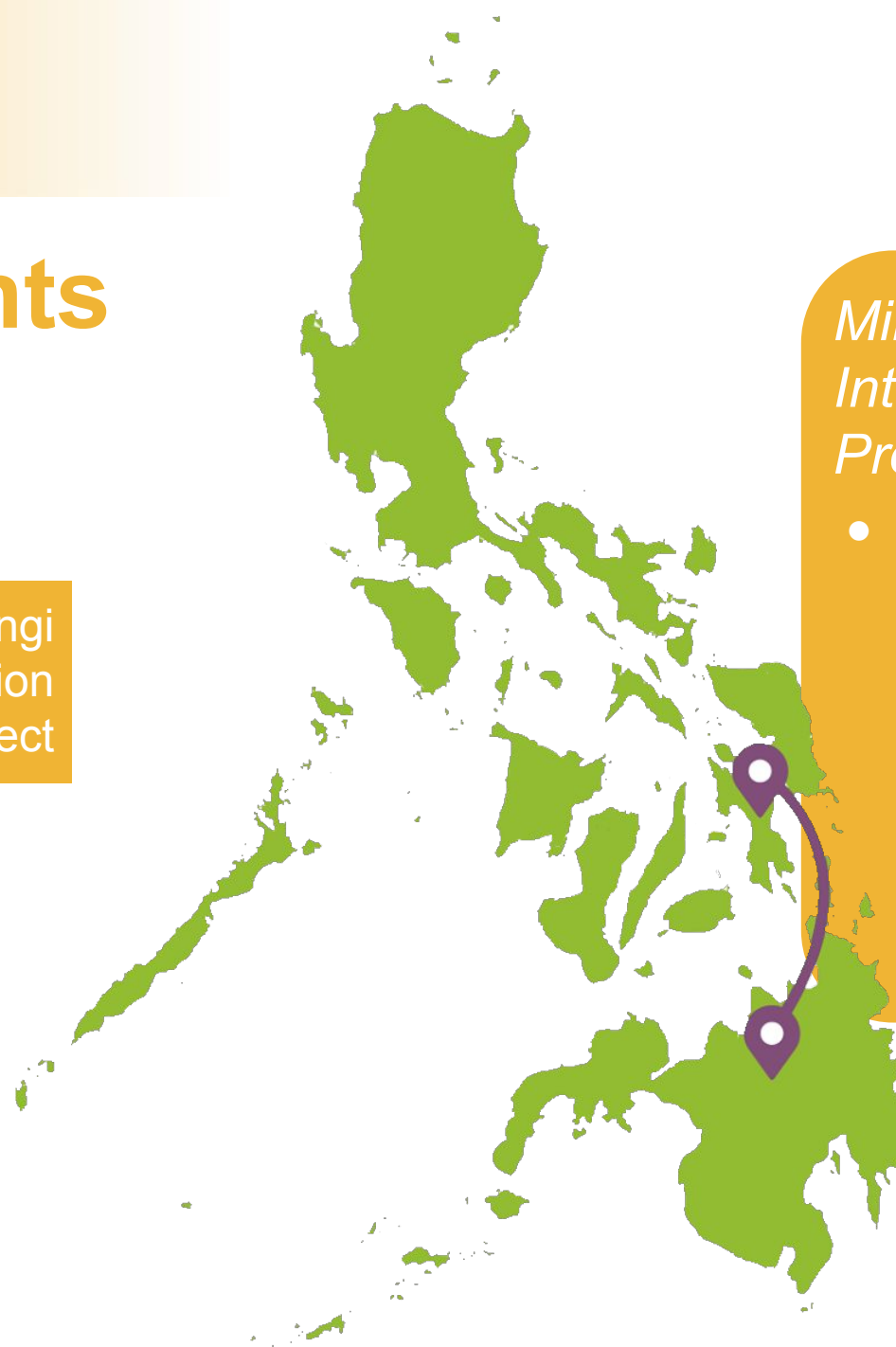
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Promote Investments



Agus-Pulangi
Rehabilitation
Project

Agus 3
Hydroelectric
Power Project

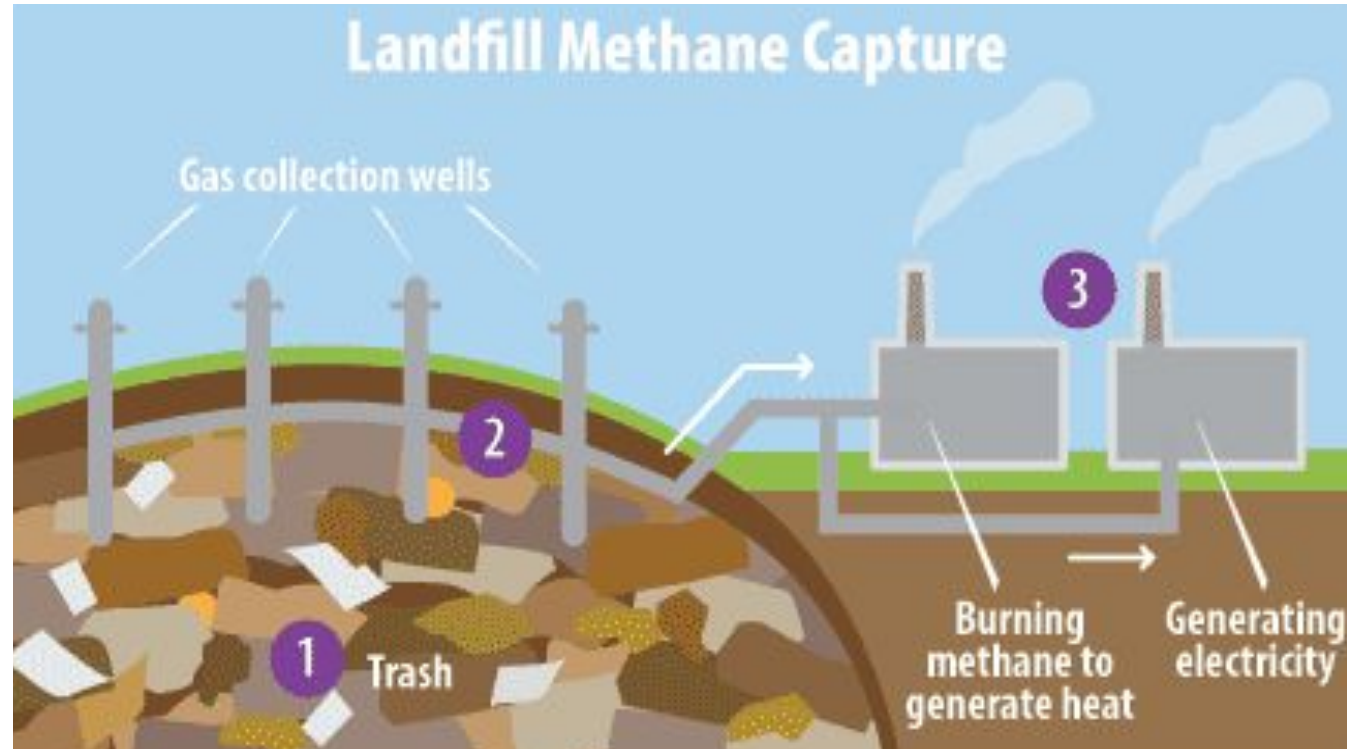


Mindanao-Visayas Interconnection Project (MVIP)

- 20km bridge connecting Leyte to Mindanao:
 - Underwater Tunnel Bridge; or
 - Long-Span Overhead Bridge

Waste-to-Energy

- Proposal for **methane capture** in City landfill
 - Endorsed to UN-Habitat Fukuoka Regional Office for support
 - Part of the Healthy Oceans and Clean Cities Initiative (UN-Habitat)



UN HABITAT

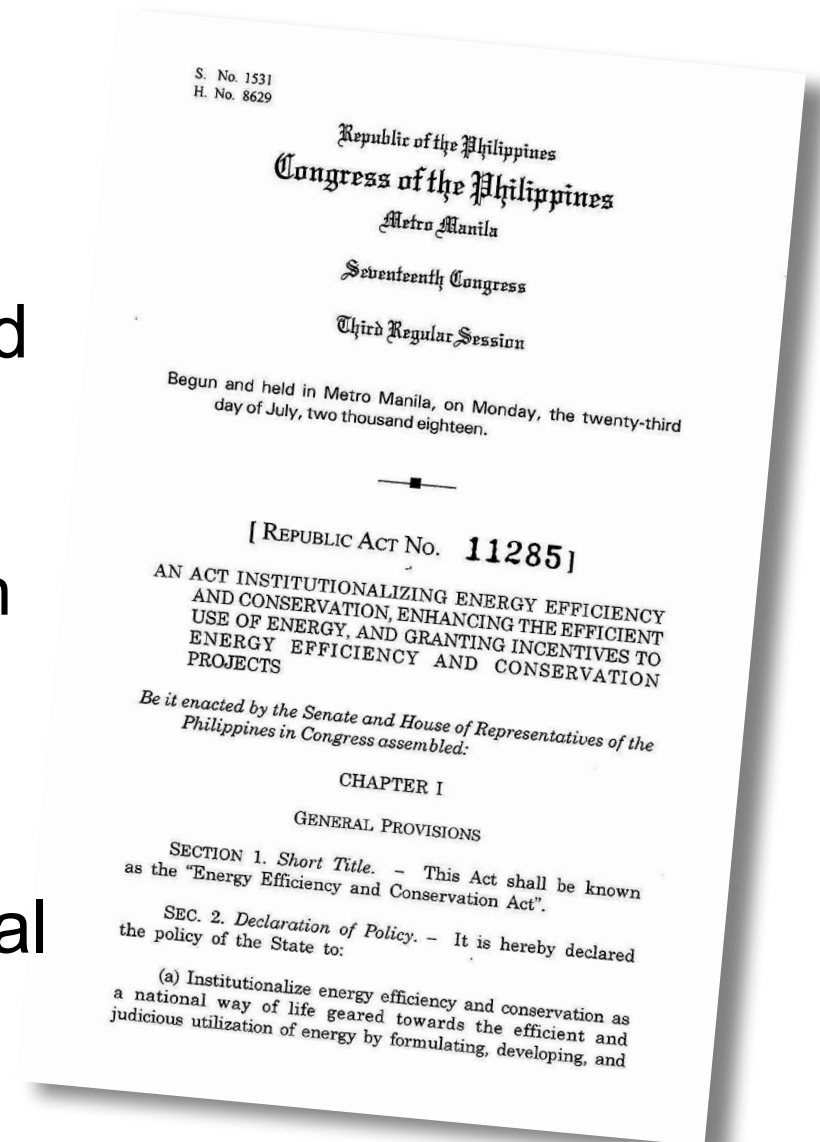




Golden Opportunities

Policy and Development Trends

- Republic Act 11285: Energy Efficiency and Conservation Act
 - Local Governments to formulate Local Energy Efficiency and Conservation Plan (LEECP)
 - Potential increase in demand for renewables in the energy mix
- Cagayan de Oro currently drafting its Local Energy Code, LEECP



Connectivity System

Transport Sector Investment Areas



Metro CDO Railway Project



Expansion of the
Mindanao Container Terminal



Laguindingan Airport
Development Project



RexPRIPs VI and VII
(Villanueva-Tagoloan-Cagayan de Oro-Opol
Expressway and Opol-Naawan Expressway)

***“Transportation that fosters economic and social
integration of Metro CDO”***



Metro CDO Railway Project



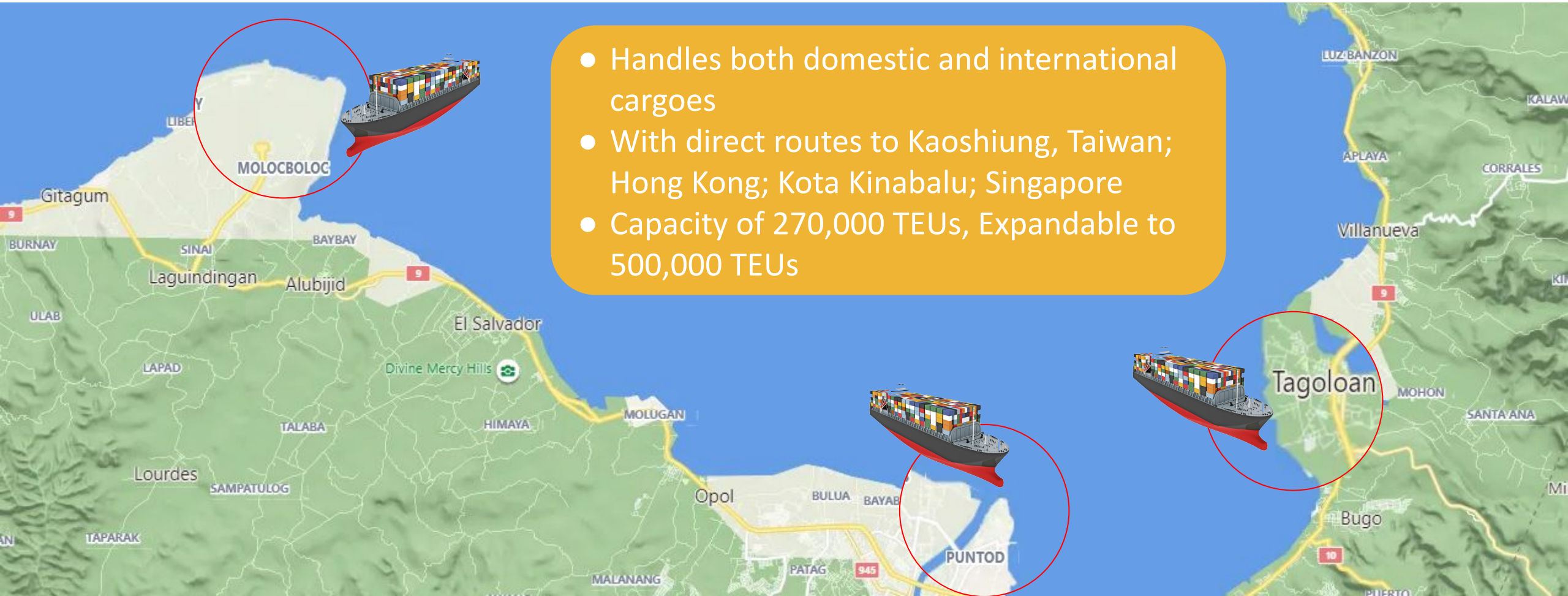
Laguindingan Airport Development Project:

*Upgrading, Expansion,
Operation and Maintenance*

- Increased operating efficiency of the airports
- Improved net financial benefits to government
- Increased networking and marketing of the airports
- Improved customer amenities



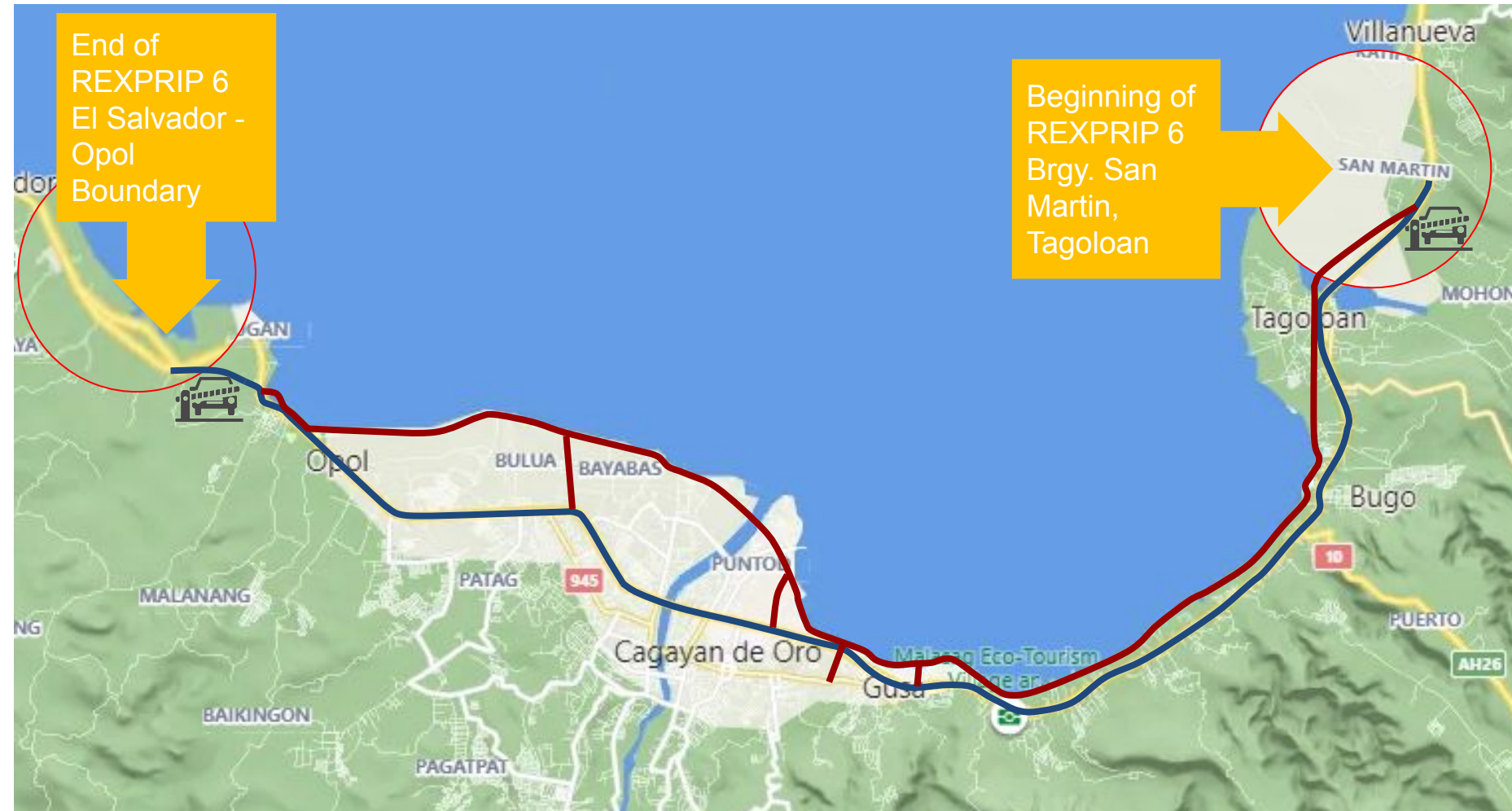
Expansion of Mindanao Container Terminal



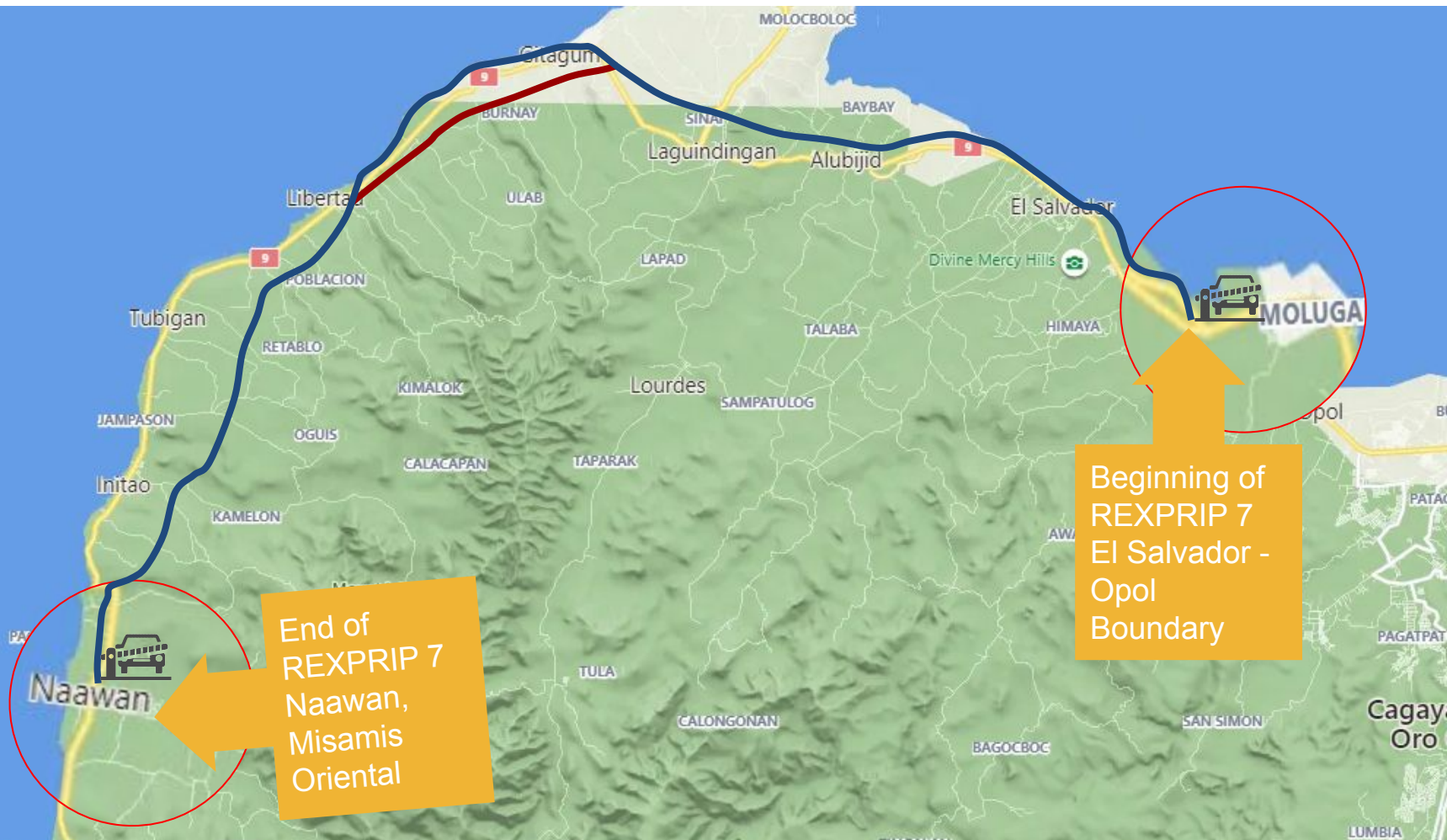
REXPRIP VI: Villanueva-Tagoloan-CDO-Opol Expressway

Alternative
Alignment Option 2
(Bukidnon-Cagayan
de Oro-Iligan Road
Periphery)

Alternative
Alignment Option 1
(Coastal Periphery)



REXPRIP VII: *Opol-Naawan Expressway*



Alternative
Alignment Option A

Alternative
Alignment Option B

Strike gold with Metro Cagayan de Oro!

Cagayan de Oro Trade and Investment Promotions Center (Oro-TIPC)

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