



**INDONESIA CARBON
TRADE ASSOCIATION**

ASOSIASI PERDAGANGAN KARBON INDONESIA

INTRODUCTION & Carbon Market Overview

Calendar and Summary of 2024
InFuse Carbon Market Series
Workshop
Jakarta, 12 August 2024

Where carbon credit
suppliers, investors,
buyers, and
enthusiasts meet

December, 2023

Company Countries



Participants Countries

Legend:

- Sydney, New South Wales Australia
- Perth, Western Australia
- North Perth, Western Australia, Australia
- Krakov Poland
- Vancouver, British Columbia
- Lyon, Auvergne-Rhône-Alpes, France
- Paris, Île-de-France, France
- New York City Metropolitan Area
- Konstanz, Germany
- Cupertino, California
- Greece
- Jakarta, Indonesia
- Bali, Indonesia
- Delhi, India
- Mumbai, Maharashtra, India
- Bengaluru, India
- Madurai, Tamil Nadu
- Ahmadabad, Gujarat
- Toronto, Ontario, Canada
- Vancouver, British Columbia, Canada
- Greater Boston
- Bologna, Italy
- Selangor, Malaysia
- Minato, Tokyo, Japan
- Madrid, Spain
- Hyogo, Japan
- London, England
- Leyte, Philippines
- Arlington County, Virginia, United States
- Florida, US
- Oklahoma City, US
- Washington, District of Columbia
- Mexico
- Stockholm County, Sweden
- Israel
- Rio de Janeiro, Rio de Janeiro
- Singapore



References

Monday, November 08, 2023
CDC 2023 Day 1



References

Thursday, June 23 2023

With David Antonioli, CEO of Verra , Langham Jakarta



References

Sunday, October 29, 2023
CDC 2023 Final Preparation Meeting IDCTA – Perkasa – PwC, at
TWS House Melawai, Jakarta



Wednesday, December 06, 2023
Lifecycle Indonesia Visit to IDCTA Secretariat



References

Friday, July 07, 2023

Discussion on mitigating climate change and the future of Indonesian carbon credit with Diaz Hendropriyono



Friday, July 07, 2023

US Embassy Commercial and Economic Officers Visit to IDCTA Secretariat



References

Saturday, June 3, 2023

Rakornas LPBI NU : Discussion on Carbon Economy



**SEMINAR NASIONAL
RAKORNAS LPBINU**

PARADIGMA BARU BENCANA DAN
PERUBAHAN IKLIM SEBAGAI PENGGERAK
EKOLOGI SPIRITUALITAS

NARASUMBER

- MARLIS AFRIDAH**
Founder & CEO
Green Network Indonesia
- DR. ISTIYANA MAFTUHAN**
Pengamat dan Praktisi
Sustainable Finance
- DR. BIKI SURBIA**
Founder Indonesia Carbon
Trade Association
- RIYKA SAKRAN**
Penggagas Pesantren Ekologi

MODERATOR

- M. ARIEF ROSYID HASAN**
Pengurus LPBI PBNU

Pesantren Al-Hamidiyah

Sabtu, 3 JUNI - 2023

16:00 **LIVE STREAM**

TVNU

PP LPBI NU | Warta LPBI NU | www.lpbi-nu.org





Bursa Carbon Exchange (BCX)

Malaysia Carbon Market Forum 2023
Empowering Climate Actions through Carbon Markets

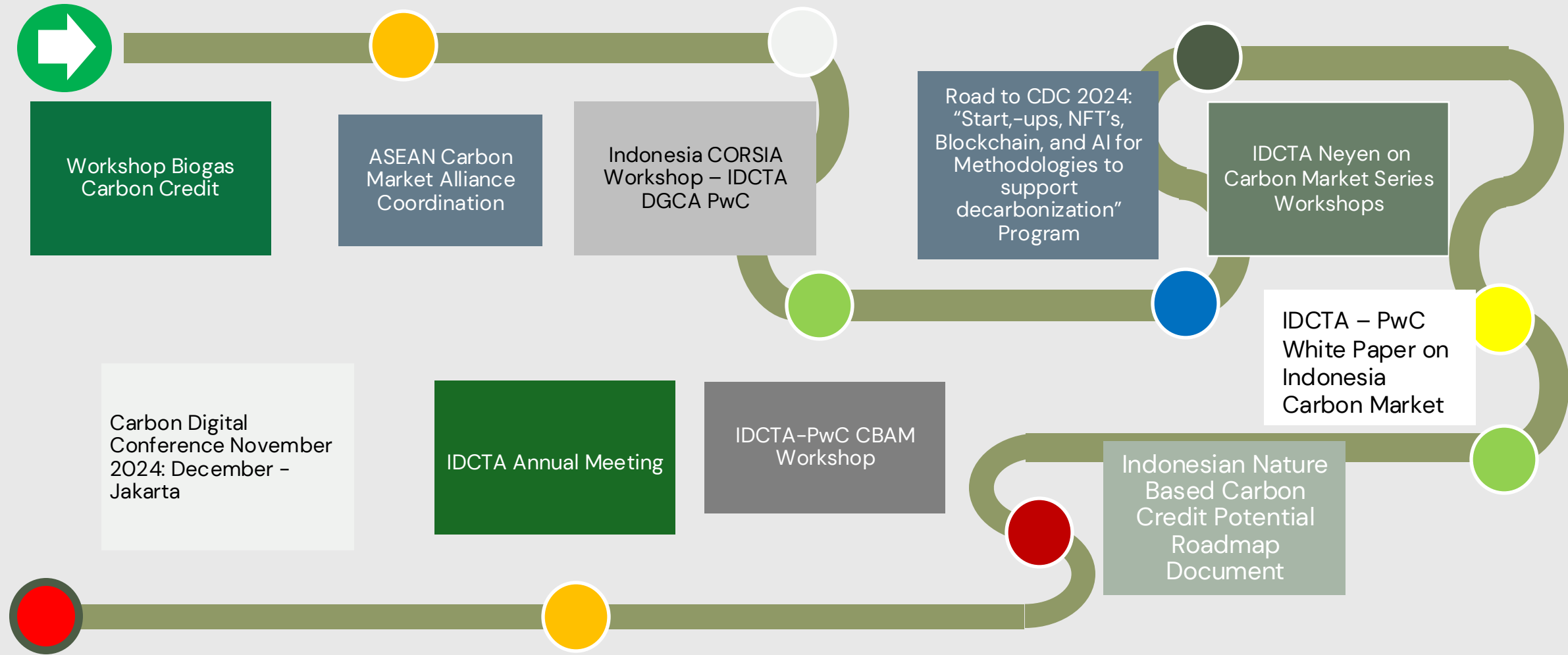
5 Oktober 2023, 1:30pm-5:00pm,
Hall 7C, KL Convention Center

https://bcx.bursamalaysia.com/web/registrations_detail_slug/malaysia-carbon-market-forum-2023-2

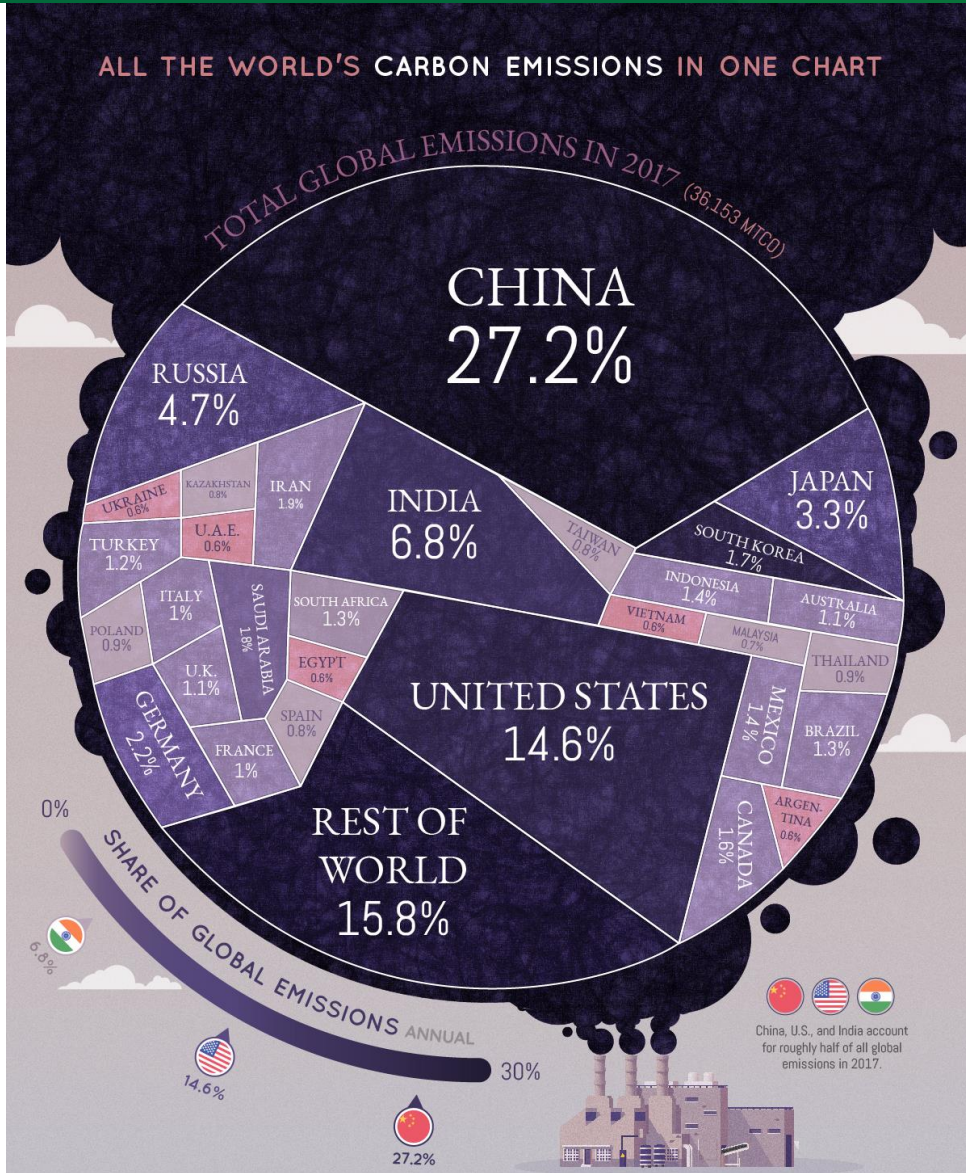
Dr. Wira Sanga
Chairman
Indonesia Carbon Trade Association
PANEL 1: Global Trends in
Voluntary Carbon Market
2:25 pm



Roadmap 2024: Upcoming Activities



Global and Domestic Demand for Carbon Offset



Global voluntary Carbon offset



L'ORÉAL®



OAKTREE



Hartree®



Reliance Industries Limited

Heathrow

Brookfield

Vertree.

NDC Indonesia

2.8

Bio Tonnes CO₂ e (2030)

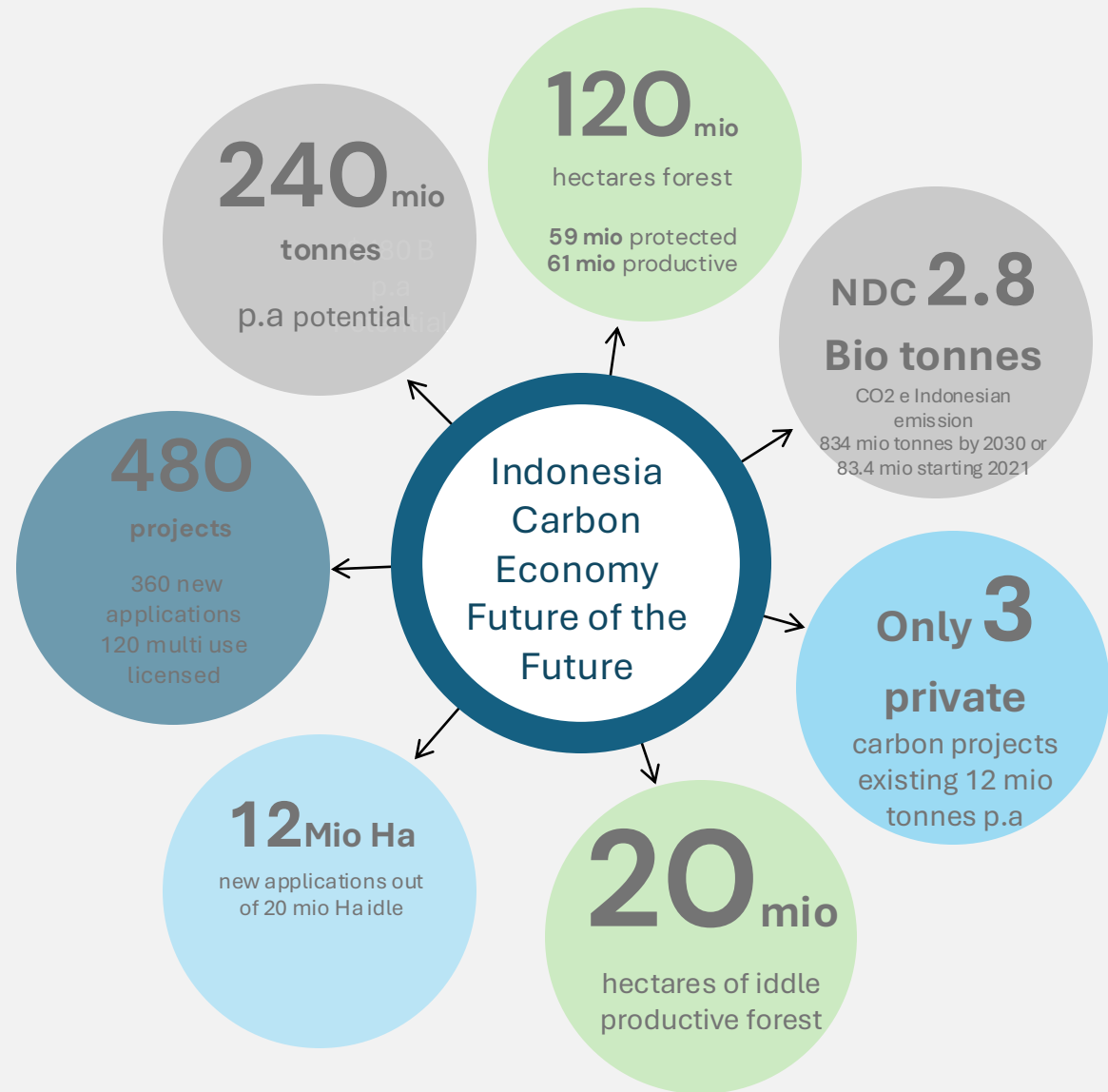
834

mio tonnes CO₂ e (29%)

83.4

mio p.a starting 2021

Indonesia's FOLU Carbon Potential : Roadmap to 29% NDC by 2030



- VCS674 Rimba Raya Vintage 2017 20kt Spot \$/offset
- VCS674 Rimba Raya Vintage 2018 20kt Spot \$/offset
- VCS674 Rimba Raya Vintage 2019 20kt Spot \$/offset
- VCS674 Rimba Raya Vintage 2020 20kt Spot \$/offset
- VCS674 Rimba Raya Vintage 2021 20kt Spot \$/offset
- VCS674 Rimba Raya Vintage 2022 20kt Spot \$/offset



- Oct 29, 2021 - Perpres No. 98 Tahun 2021
- Nov 12, 2021 - COP26
- Feb 24, 2022 - Russian invasion of Ukraine
- Sep 21, 2022 - Permen LHK No. 21 Tahun 2022
- Nov 18, 2022 - COP27
- Jan 18, 2023 - The Guardian Article of Ukraine
- Jun 14, 2023 - Permen LHK No. 7 Tahun 2023
- Oct 27, 2023 - South Pole Kariba Announcement
- Dec 13, 2023 - COP28

Source: Quantum Commodity Intelligence, Indonesia Carbon Trade Association (IDCTA)

- VCS1477 Katingan Vintage 2017 20kt Spot \$/offset
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- VCS1477 Katingan Vintage 2022 20kt Spot \$/offset

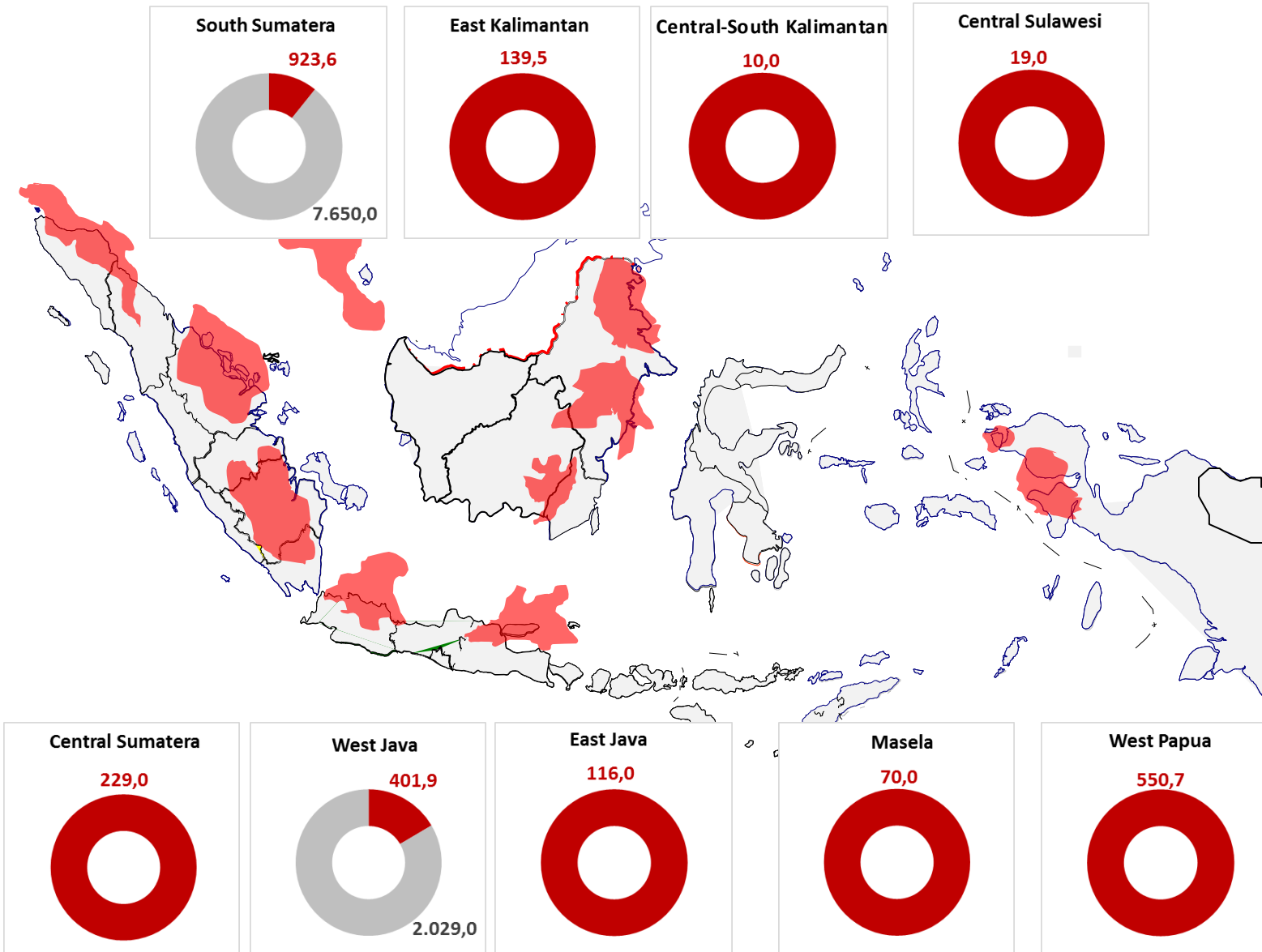


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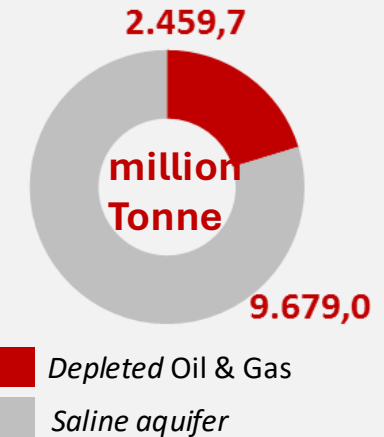
CO₂ Storage Capacity Potential of Indonesia

Unit : million tonne CO₂



Total CO₂ Storage Potential
12,2 billion tonne CO₂

- *Depleted Oil & Gas:*
2,5 billion tonne CO₂
- *Saline Aquifers:*
9,7 billion tonne CO₂



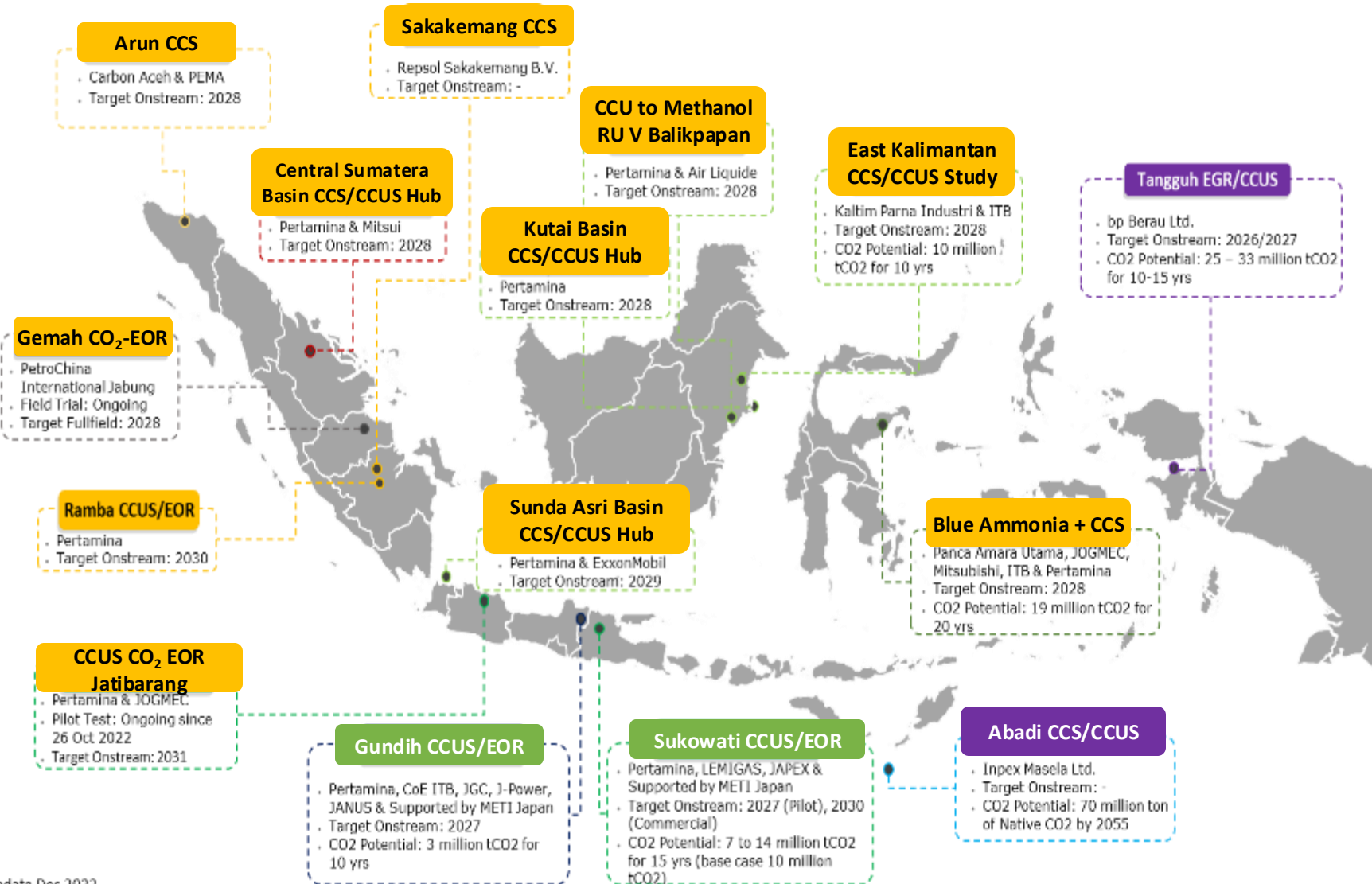
Source:
LEMIGAS 2009 Study; LEMIGAS-ADB 2012 Study; LEMIGAS-World Bank 2015 Study; Ditjen Migas, 15 ongoing-project

Study from International Institution :

- **ExxonMobile:**
~80 Giga Tonne CO₂ in saline aquifers
- **Rystad Energy:**
>400 Giga Tonne CO₂ Oil & Gas Reservoir and Saline Aquifers

Oil and Gas CCS/CCUS implementation and development plans in Indonesia

Government has issued MEMR Ministerial Regulation No.2/2023 on Implementation of Carbon Capture & Storage and Carbon, Capture, Utilization, and Storage in Oil & Gas Upstream activities.



- Total of 15 CCS/CCUS projects (study/preparation phase)
- 8 out of 15 projects to start onstream before 2030
- Total potential of CCS/CCUS by 2030-2035 is around 25,5–68,2 millions tonne of CO₂

Estimated injections cost per ton of CO₂ for various Carbon Capture and Storage (CCS) projects :

- Natural gas purification, Gundih, East Java**
 - **Cost : 43 to 53 USD per tonne CO₂.**
 - Capacity : 0,3 million tonne of CO₂/year.
 - Investment : USD 105 million.
- LNG Production, Bintuni, West Papua**
 - **Cost : 33 USD per tonne CO₂.**
 - Capacity : 2,5-3,3 million tonne CO₂ /year.
 - Investment : USD 948 million.
- LNG Production in Masela, Maluku**
 - **Cost : 26 USD per tonne CO₂.**
 - Capacity : 3,5 million tonne CO₂ / year.
 - Investment : USD 1,4 billion.
- Coal to DME Gasification, Tanjung Enim, South Sumatra**
 - **Cost : 50-55 USD per tonne CO₂**
 - Capacity : 3 million tonne CO₂ / year.
 - Investment : USD 1,6 billion.

Contacts



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