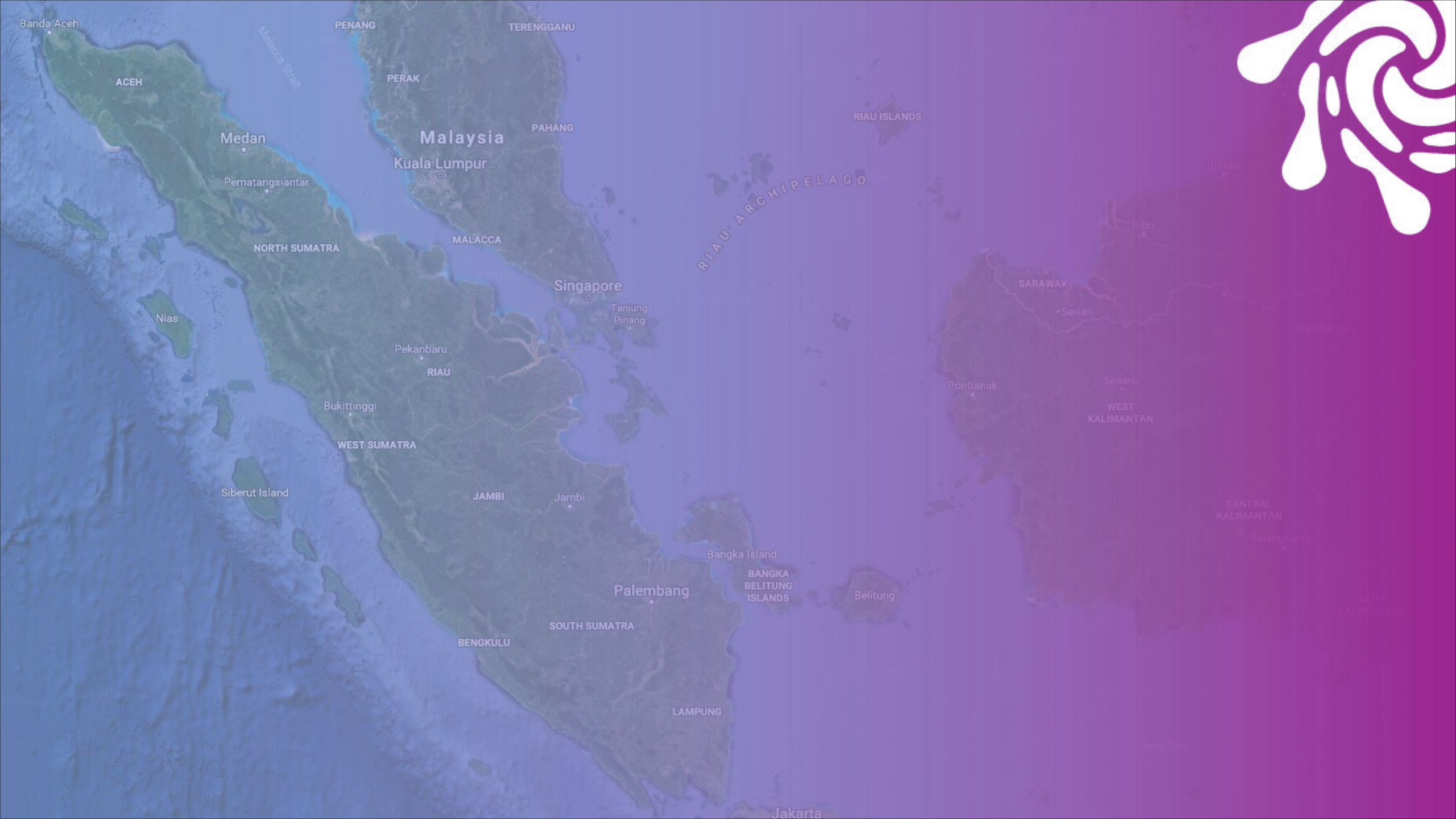
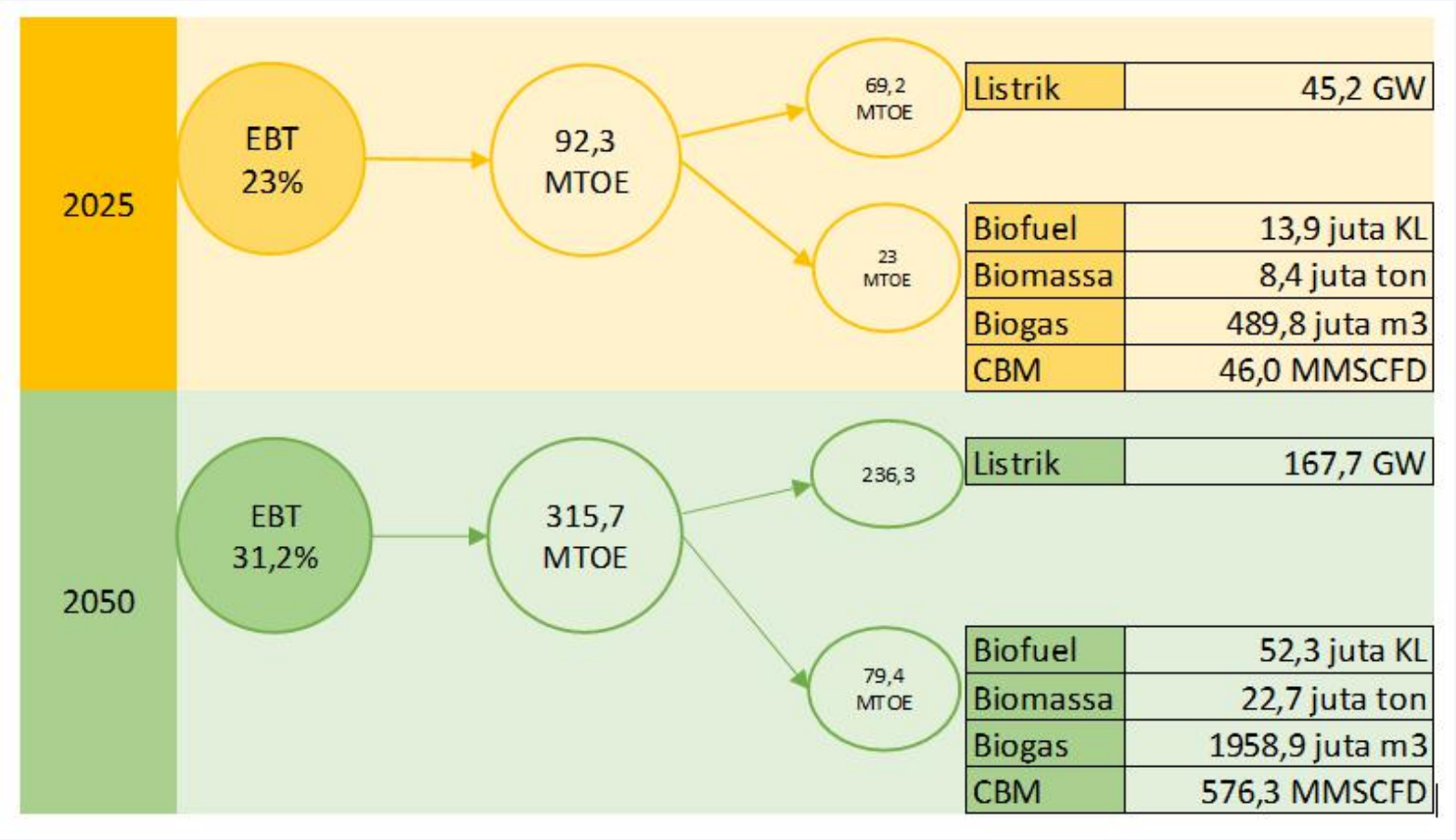
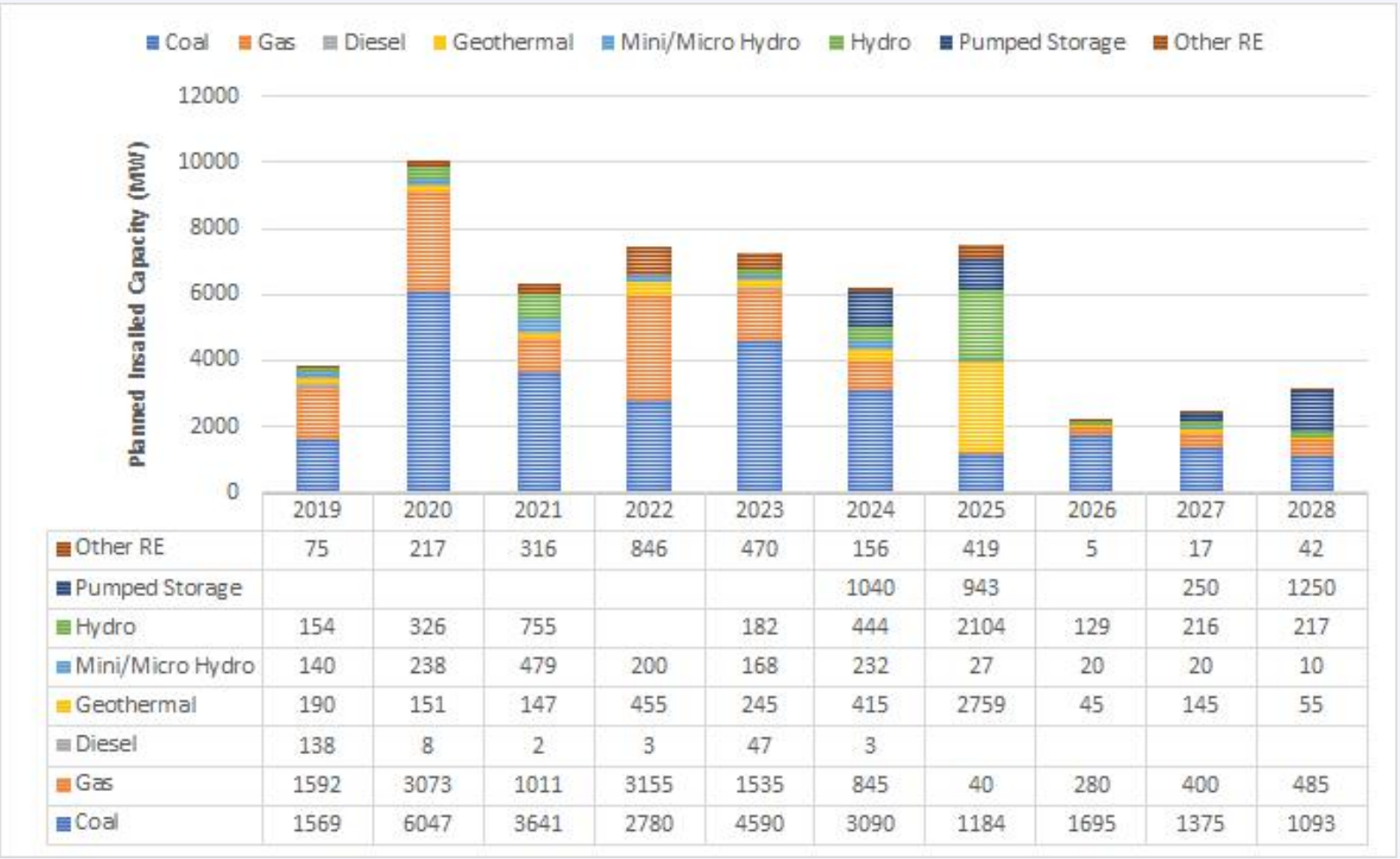
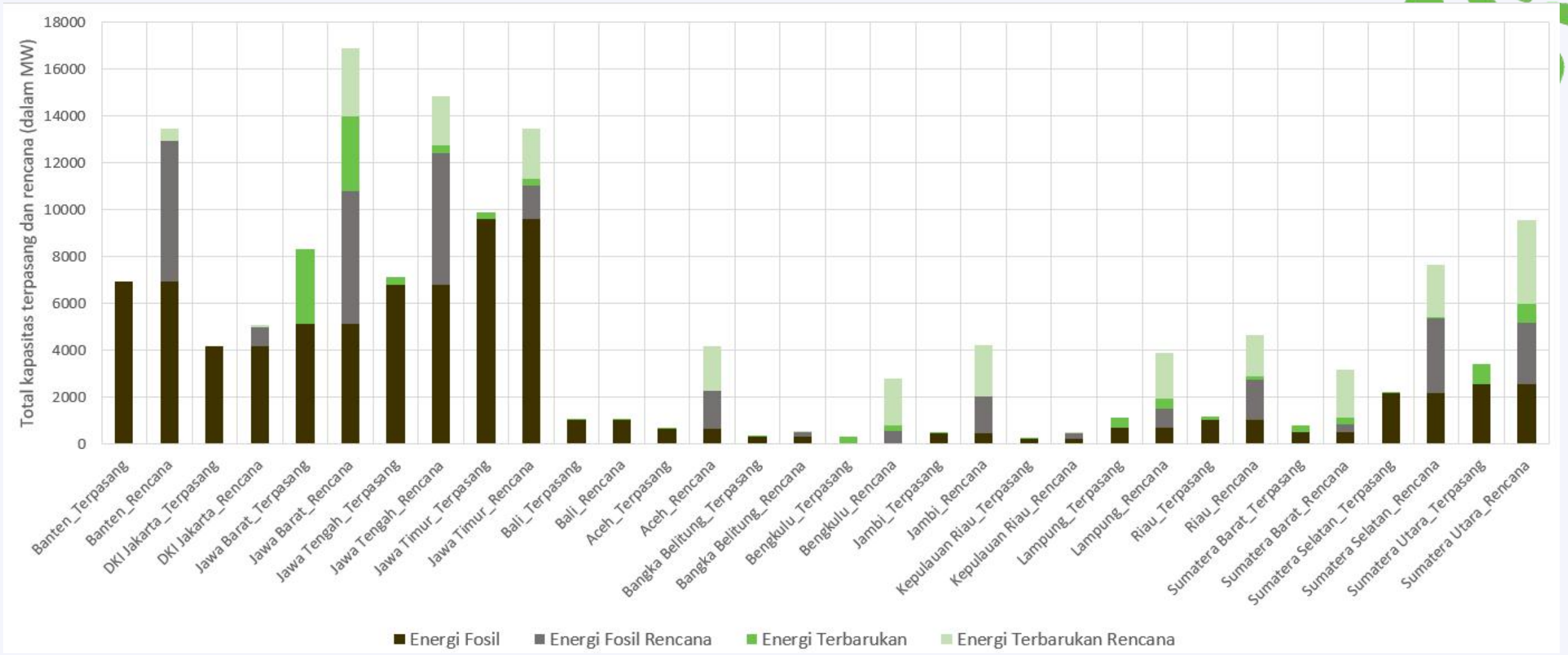

Banda Aceh
PENANG
TERENGGANU
Malacca Strait
ACEH
PERAK
PAHANG
RIAU ISLANDS
Medan
Malaysia
Kuala Lumpur
Pematangsiantar
RIAU ARCHIPELAGO
Bintulu
Sibu
MALACCA
NORTH SUMATRA
Singapore
SARAWAK
Tanjung Pinang
Nias
Serian
Kalimantan
Pekanbaru
RIAU
Pontianak
Sintang
Bukittinggi
WEST KALIMANTAN
WEST SUMATRA
Siberut Island
JAMBI
Jambi
CENTRAL KALIMANTAN
Palangkaraya
Bangka Island
BANGKA BELITUNG ISLANDS
Palembang
Belitung
SOUTH SUMATRA
BENGKULU
LAMPUNG
Jakarta

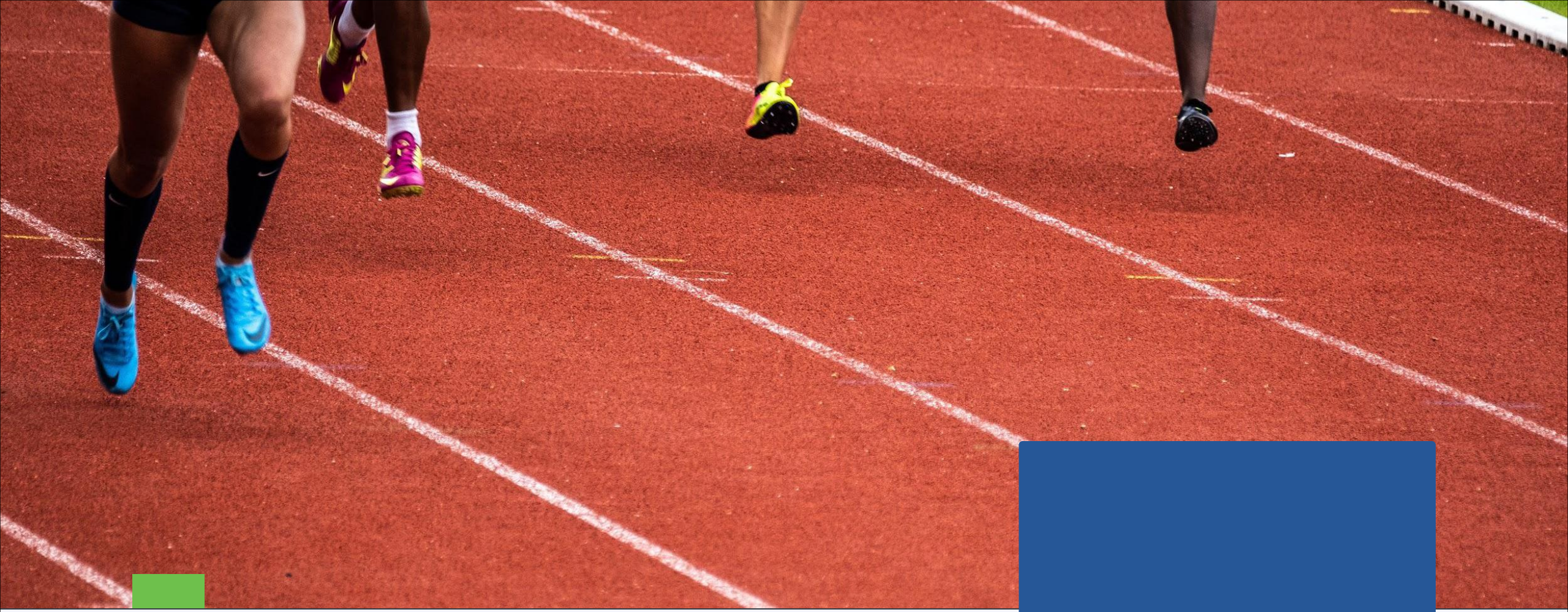
-
-
-
-
-
-

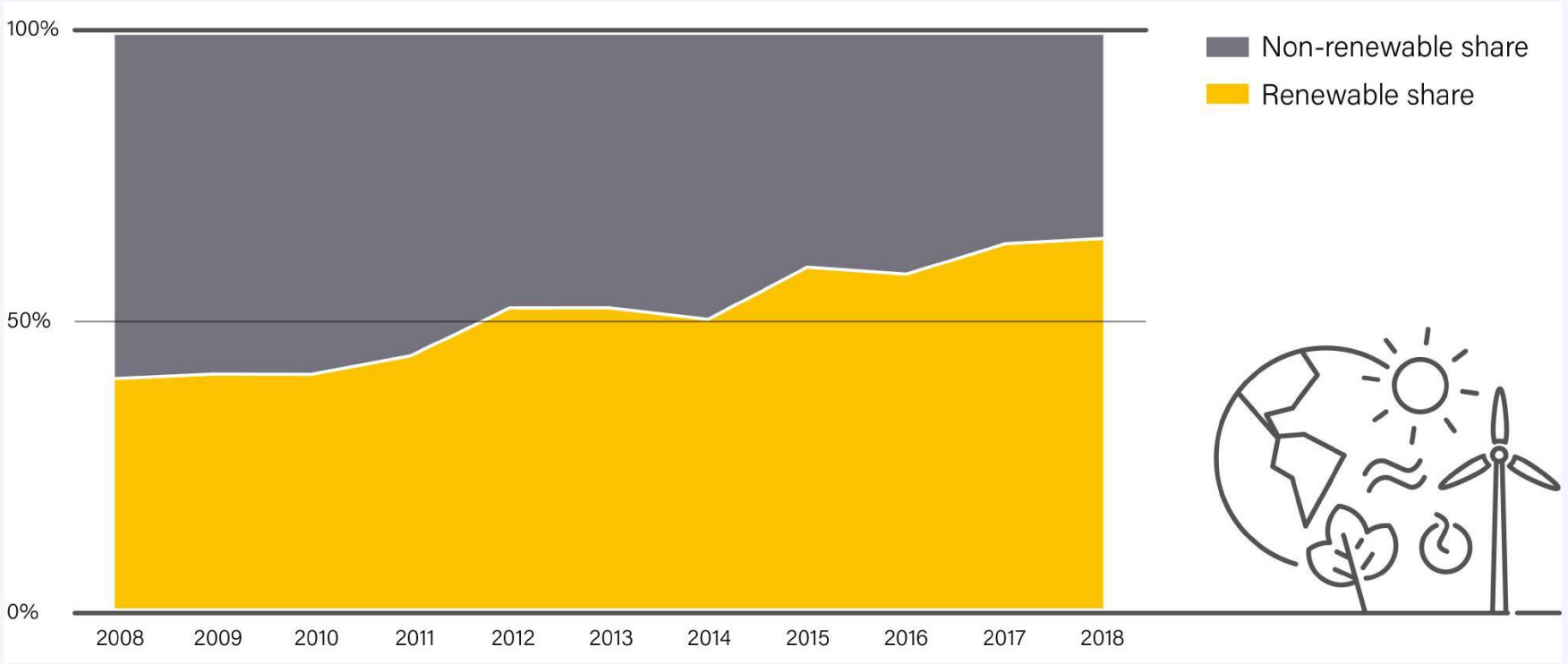

2025
EBT
23%
92,3
MTOE
69,2
MTOE
23
MTOE
Listrik
45,2 GW
Biofuel
13,9 juta KL
Biomassa
8,4 juta ton
Biogas
489,8 juta m3
CBM
46,0 MMSCFD
2050
EBT
31,2%
315,7
MTOE
236,3
79,4
MTOE
Listrik
167,7 GW
Biofuel
52,3 juta KL
Biomassa
22,7 juta ton
Biogas
1958,9 juta m3
CBM
576,3 MMSCFD

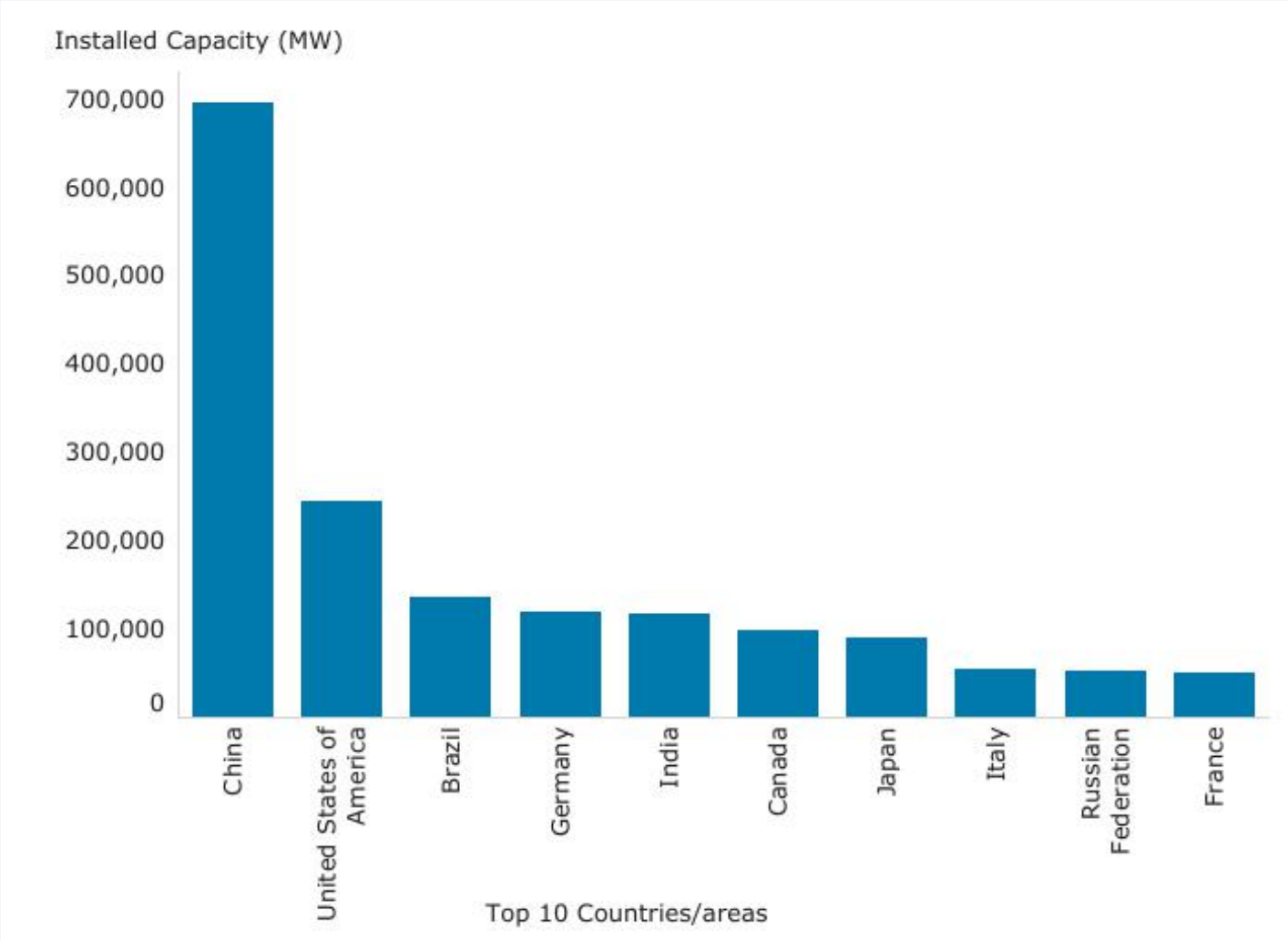


	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Other RE	75	217	316	846	470	156	419	5	17	42
Pumped Storage						1040	943		250	1250
Hydro	154	326	755		182	444	2104	129	216	217
Mini/Micro Hydro	140	238	479	200	168	232	27	20	20	10
Geothermal	190	151	147	455	245	415	2759	45	145	55
Diesel	138	8	2	3	47	3				
Gas	1592	3073	1011	3155	1535	845	40	280	400	485
Coal	1569	6047	3641	2780	4590	3090	1184	1695	1375	1093


Total kapasitas terpasang dan rencana (dalam MW)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
Banten_Terpasang
Banten_Rencana
DKI Jakarta_Terpasang
DKI Jakarta_Rencana
Jawa Barat_Terpasang
Jawa Barat_Rencana
Jawa Tengah_Terpasang
Jawa Tengah_Rencana
Jawa Timur_Terpasang
Jawa Timur_Rencana
Bali_Terpasang
Bali_Rencana
Aceh_Terpasang
Aceh_Rencana
Bangka Belitung_Terpasang
Bangka Belitung_Rencana
Bengkulu_Terpasang
Bengkulu_Rencana
Jambi_Terpasang
Jambi_Rencana
Kepulauan Riau_Terpasang
Kepulauan Riau_Rencana
Lampung_Terpasang
Lampung_Rencana
Riau_Terpasang
Riau_Rencana
Sumatera Barat_Terpasang
Sumatera Barat_Rencana
Sumatera Selatan_Terpasang
Sumatera Selatan_Rencana
Sumatera Utara_Terpasang
Sumatera Utara_Rencana
Energi Fosil
Energi Fosil Rencana
Energi Terbarukan
Energi Terbarukan Rencana




100%
50%
0%
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
Non-renewable share
Renewable share


Installed Capacity (MW)
700,000
600,000
500,000
400,000
300,000
200,000
100,000
0
China
United States of America
Brazil
Germany
India
Canada
Japan
Italy
Russian Federation
France
Top 10 Countries/areas


IGNITING A RAPID DEPLOYMENT OF
RENEWABLE ENERGY IN INDONESIA:
Lessons Learned from Three Countries

IESR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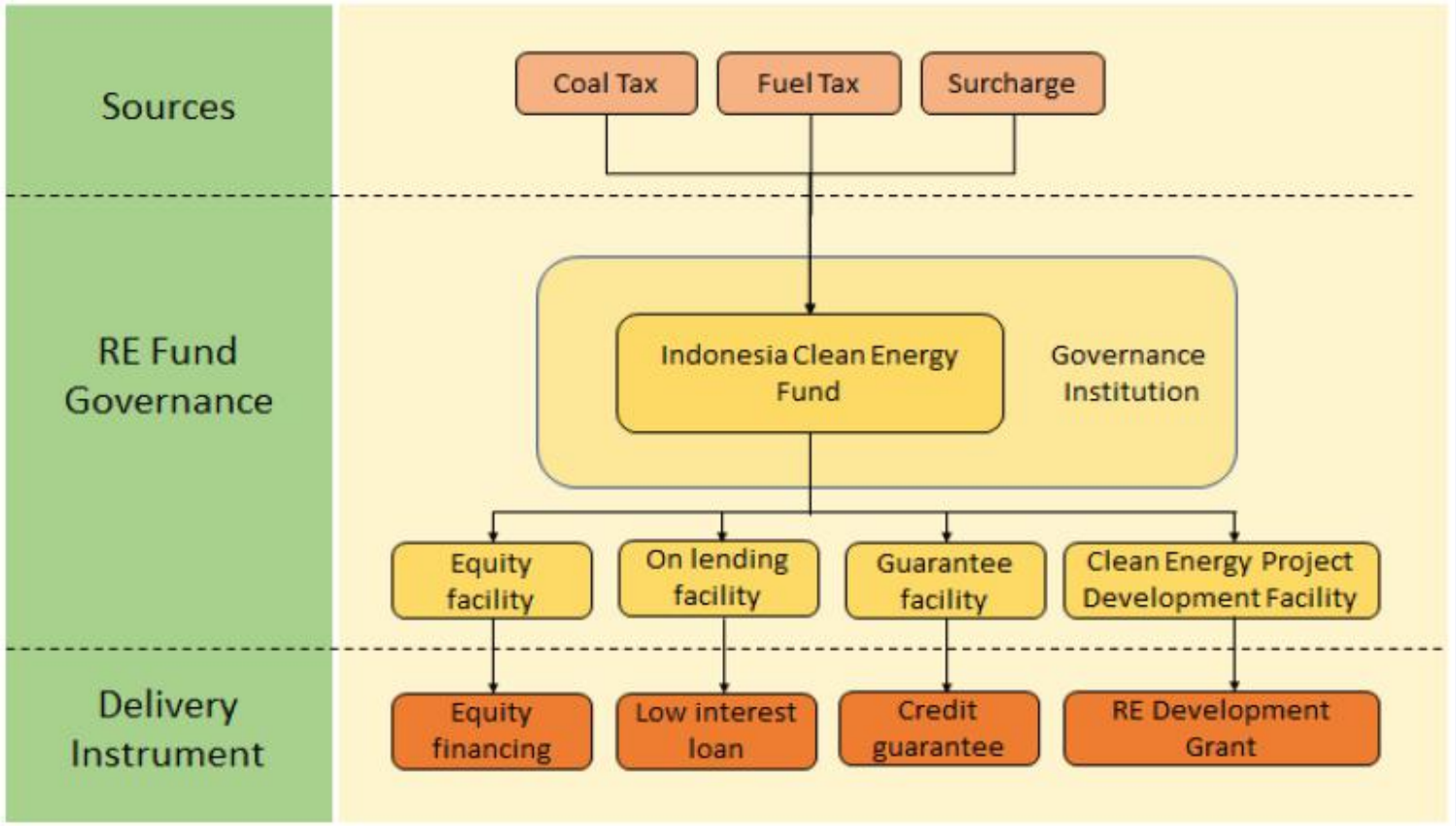
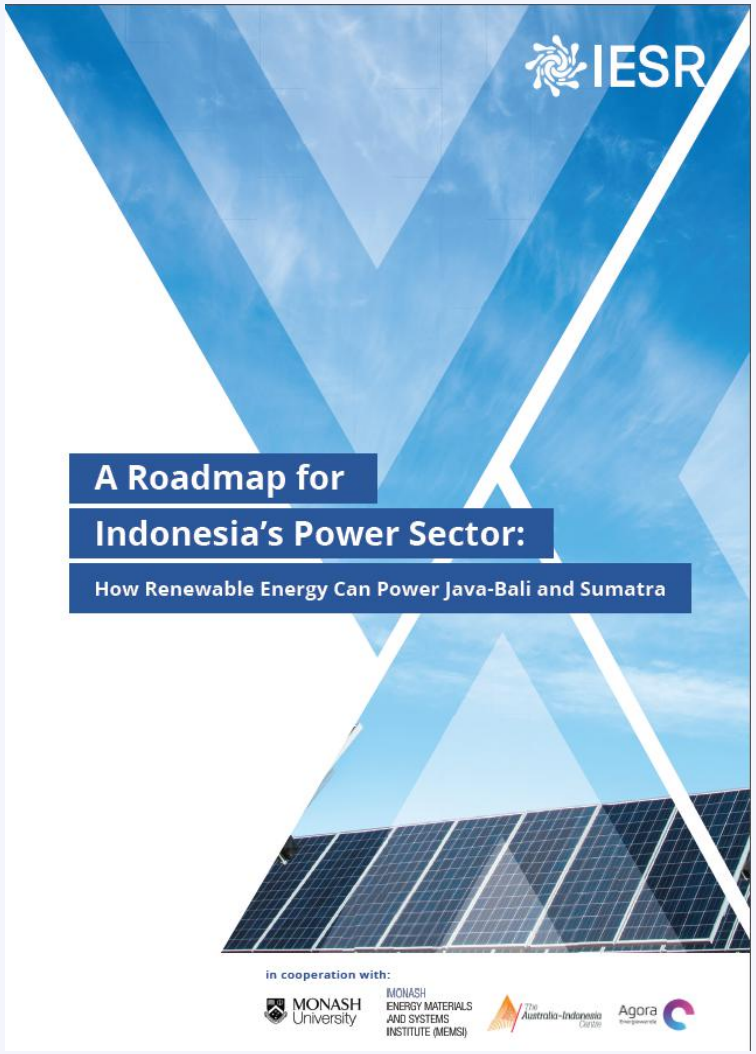
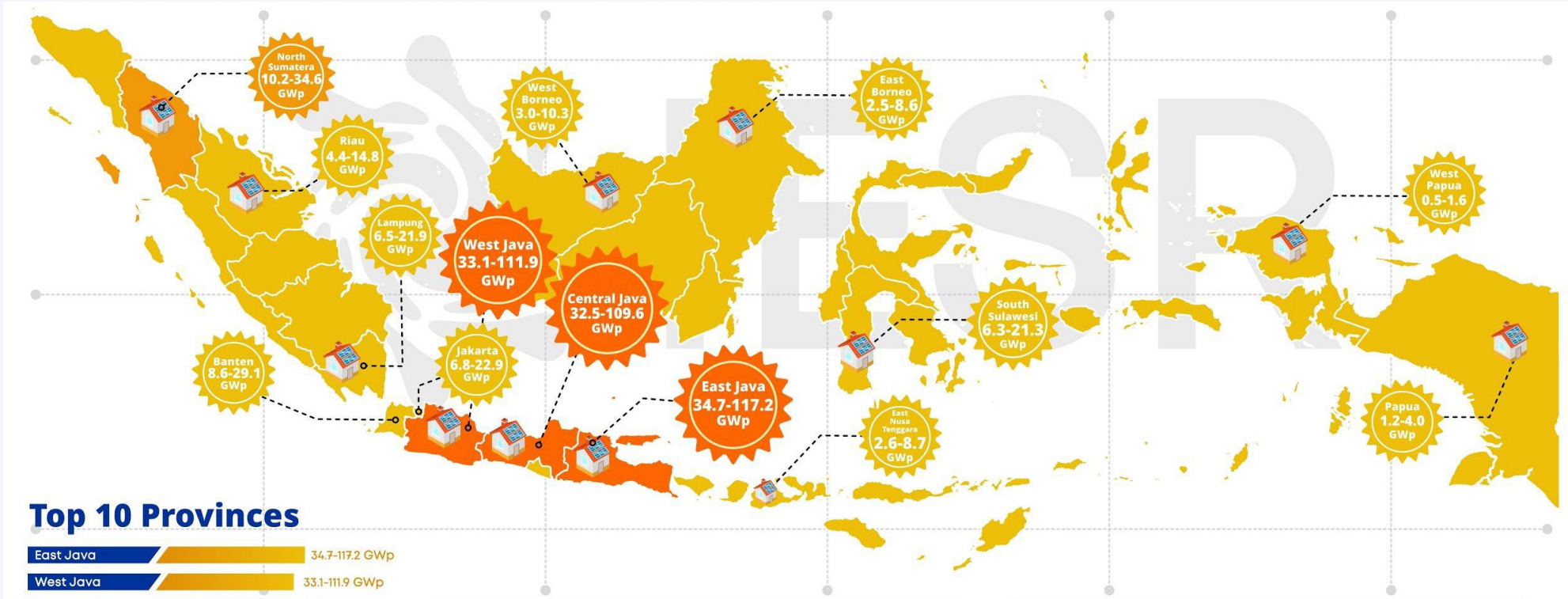
RENEWABLE ENERGY IN INDONESIA:
Lessons Learned from Three Countries

IESR


Jerman
EEG Surcharge
KfW
Digunakan sebagai dana FIT, dan
Digunakan sebagai dana pinjaman untuk proyek ET.
Cina
RE Development Fund
Subsidi proyek ET
Subsidi proyek percobaan, riset dan manufaktur ET
Subsidi selisih FiT dengan harga listrik konvensional
India
National Clean Energy & Environment Fund
IREDA
Untuk mendanai proyek:
Green Energy Corridor (pengembangan transmisi)
JNNSM
PLTS & PLTS atap
Potensi energi angin


Sources
Coal Tax
Fuel Tax
Surcharge
RE Fund Governance
Indonesia Clean Energy Fund
Governance Institution
Equity facility
On lending facility
Guarantee facility
Clean Energy Project Development Facility
Delivery Instrument
Equity financing
Low interest loan
Credit guarantee
RE Development Grant


IESR
A Roadmap for
Indonesia's Power Sector:
How Renewable Energy Can Power Java-Bali and Sumatra
in cooperation with:
MONASH University
MONASH ENERGY MATERIALS AND SYSTEMS INSTITUTE (MEMSI)
The Australia-Indonesia Centre
Agora



Top 10 Provinces

Total Residential Rooftop Solar Technical Potential, GWp

Total Residential Rooftop Solar Market Potential, GWp

Scenario 1: 24% access factor | **Scenario 2**: 60% access factor | **Scenario 3**: 81% access factor | **Scenario 4**: 33% access factor