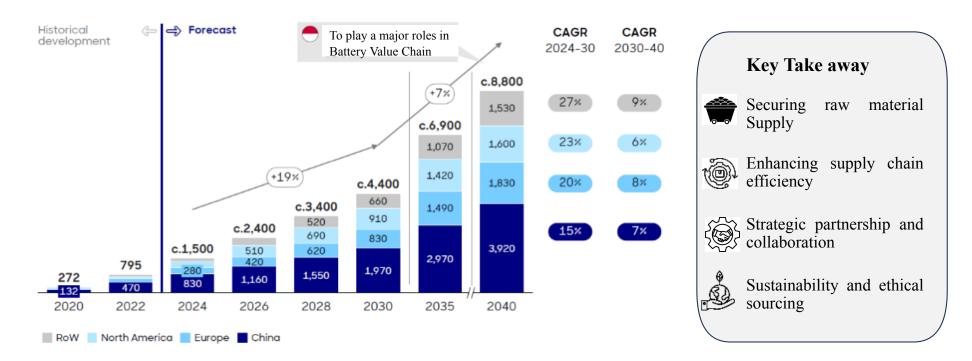


indonesiabatterycorp.com

– chandra –

Massive demand in 2040 for batteries up to 8,8 thousand GWh whereas supply chain takes a vital roles in the fulfillment of global batteries demand



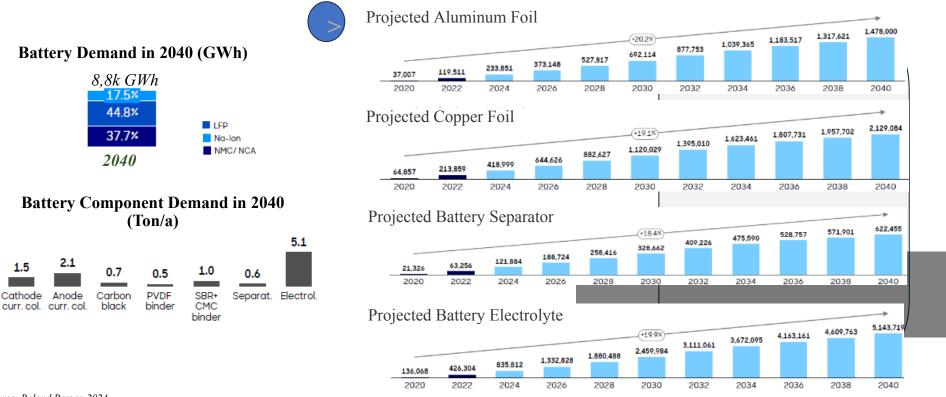


Source: ICCSINO, SMM, reported by Roland Berger, 2024

Global Battery Component Projection

Increase of battery demand inline with the required battery component supply, whereas whole supply chain and development need to be developed

Battery market component demand 2040 (GWh and Ton/annum)



Source: Roland Berger, 2024

EV Penetration in Indonesia

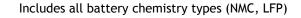
E4W localization holds promising potential to close the gap in demand pull & ensure stable market for Nickel down-streaming

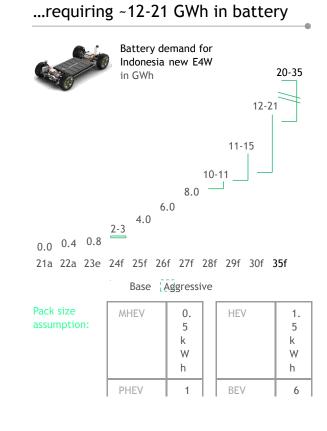
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Indonesia battery E4W penetration with potential to reach 14-25% of new car sales by 2030, equivalent to ~200-300k units

	Indonesia new 4W volume1 in units of new vehicle (Million) 1.6										1.6	'23-'30 BE4W CAGR3
				1.0	1.1 0.1	1.1 0.1	1.2 0.1	1.2 0.2	1.3 0.2	1.3 0.6	0.3-	41-48%
	0.8 0.1 0.1	0.9	1.0	0.1 0.1	0.1 0.1	0.2	0.2	0.3	0.3	0.2-0.3 .3 0.4	0.6	
		-					0.1	0.1	0.1	0.1		
	0.7	0.8	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.5-0.6	0.1 0.3-0.5	
	21a	22a 2	.3e	24f	25f	26f	27f	28f	29f	30f	35f	
BEV penetration2	2 0%	1%	1%	4%	6%	8%	11%	12-14%	13-19%	14-25%	19-35%	
BEV PHEV HEV MHEV HEV III ICE Diesel III ICE Gasoline												

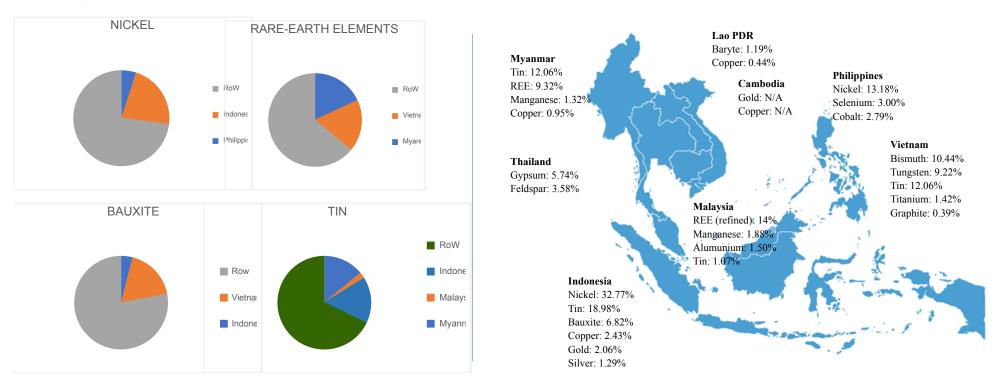
Source: Source: IHS Markit Forecast; Euromonitor; Kementerian ESDM RI; BCG analysis





ASEAN has a significant amount of raw battery materials that could enhance the ASEAN as global EV battery hub

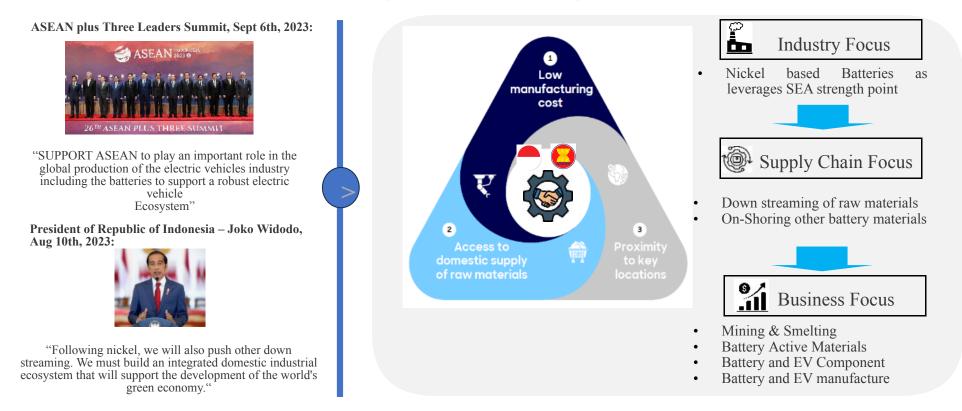
The potential of battery materials across ASEAN countries

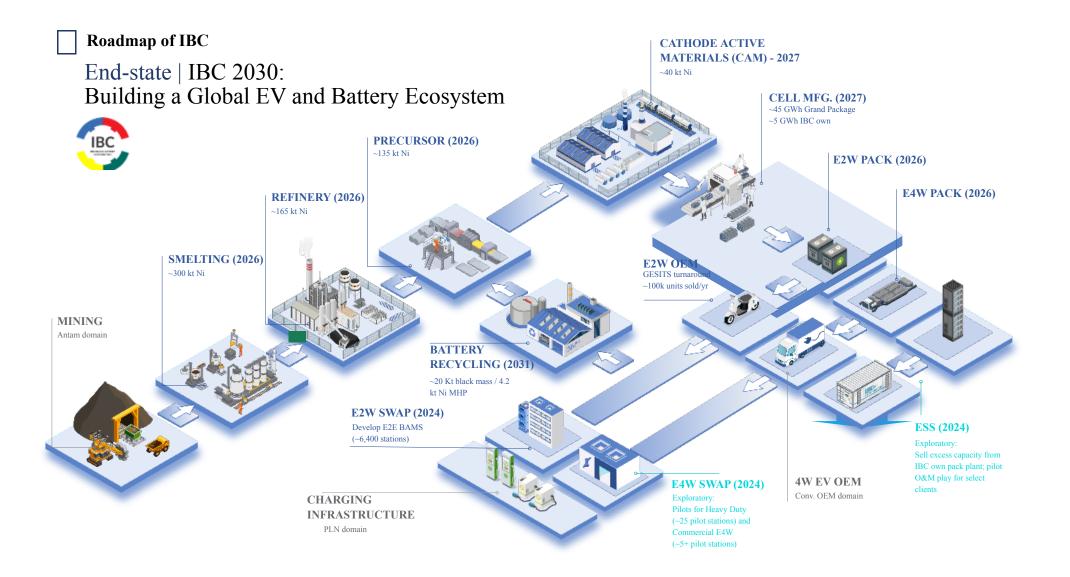


Source: US Geological Survey 2022

ASEAN to contribute a significant contribution and impact in battery and EV industry as a center hub of raw materials down streaming and industrialization

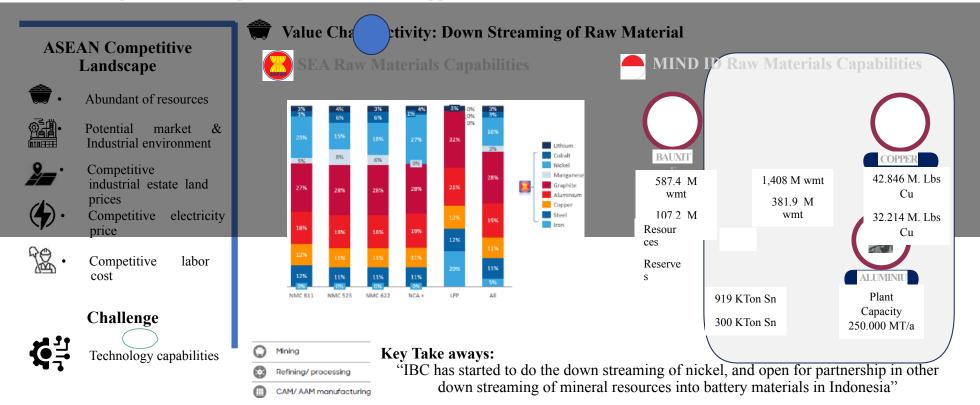
Commitment of ASEAN countries in the development of EV hub and its potential collaboration





IBC open for partnership in the down streaming of battery materials as well as on shoring EV and battery component industries

ASEAN competitive landscape and its collaboration opportunities



Thank You