

Green Energy Investment in Transition Era

ISEW – Indonesia Sustainable Energy Week 2024

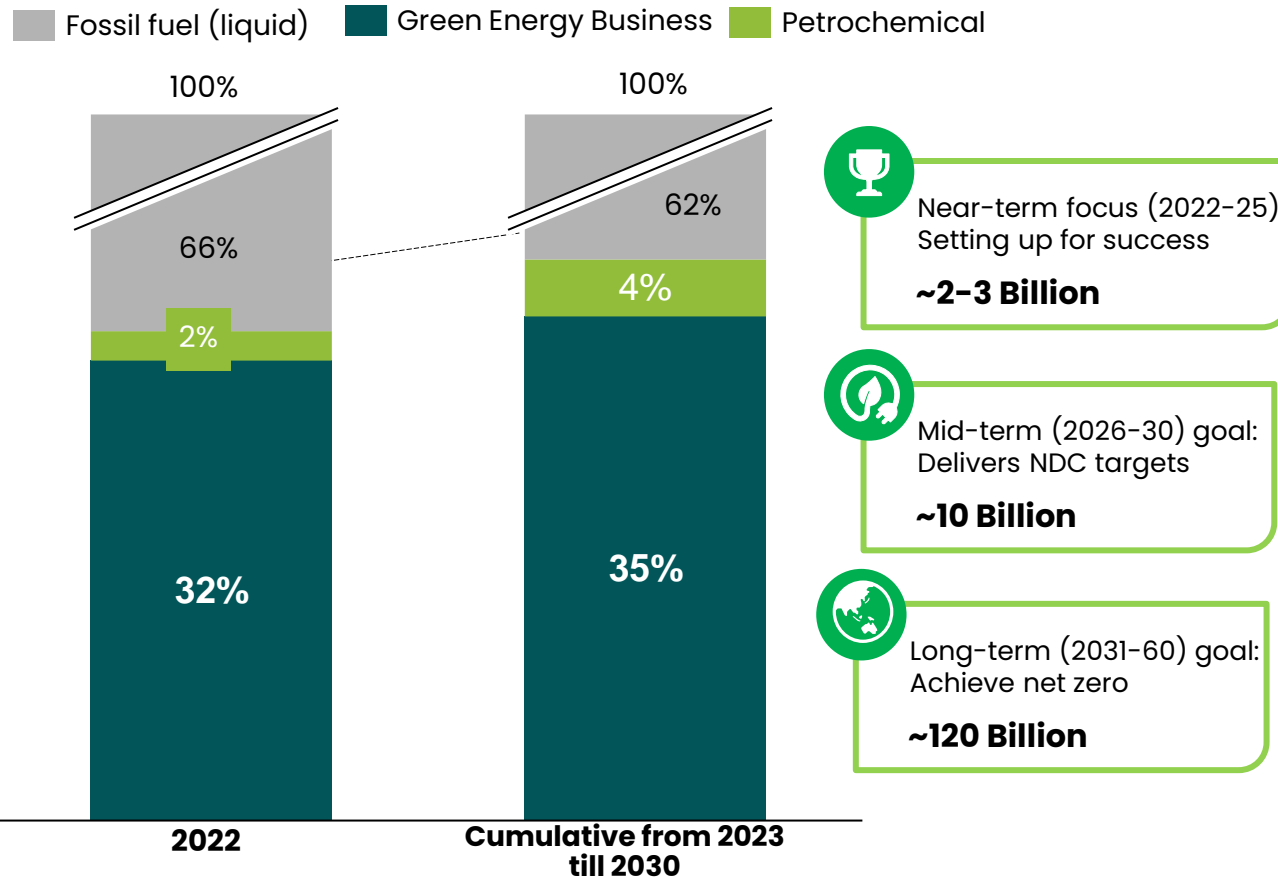
ADRISMAN TAHAR,

Jakarta 12 September 2024

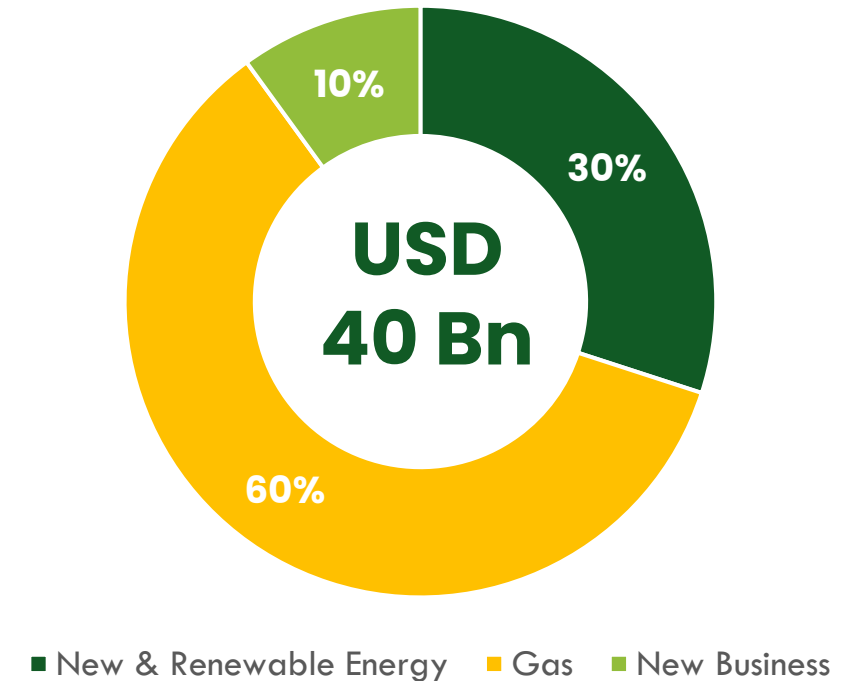
Pertamina Investment Strategy

Pertamina allocates CAPEX up to 35% for Green Energy Business. Pertamina's commitment is in line with efforts to use domestic resources to supply domestic energy towards green development and decarbonization

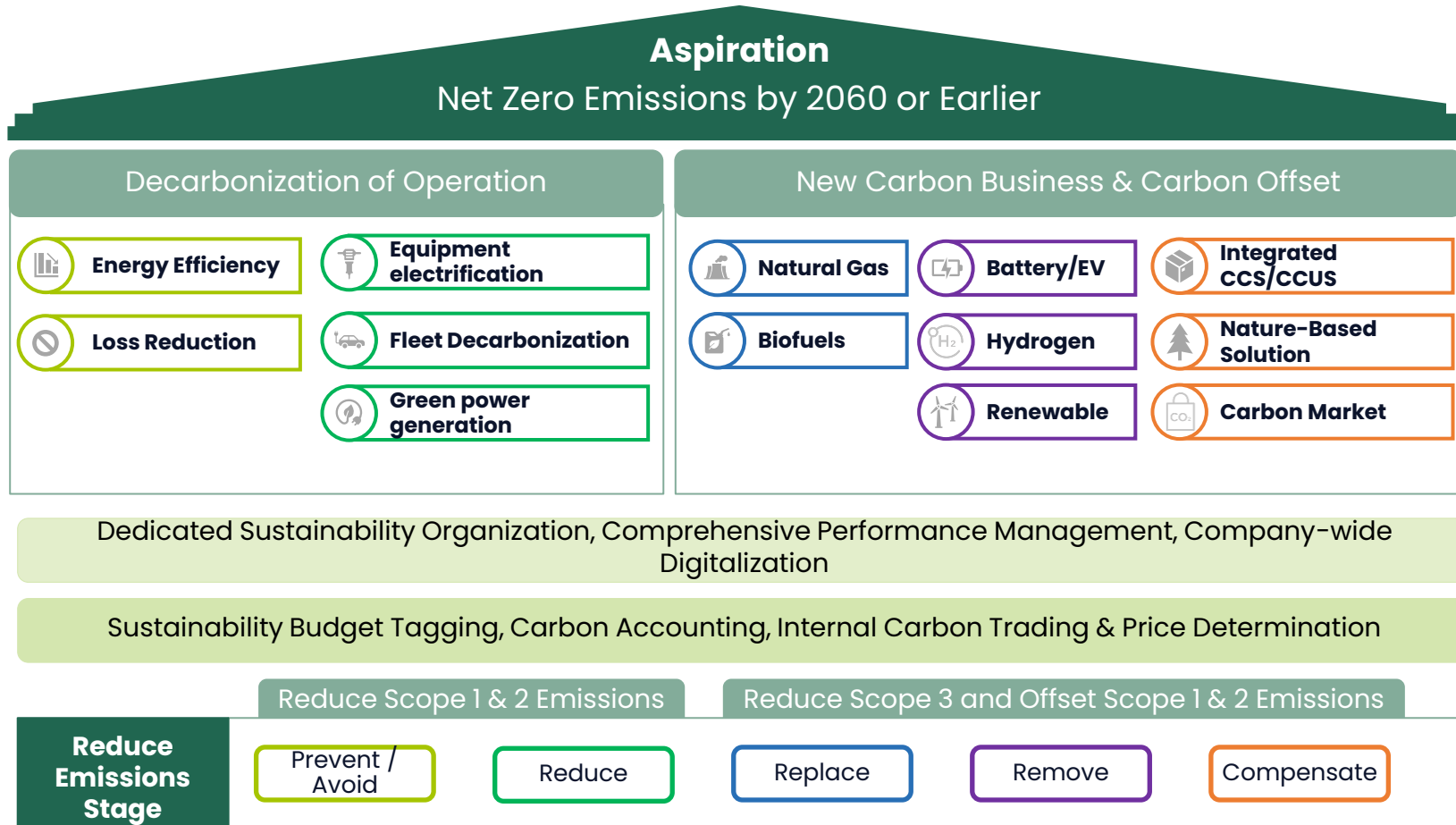
Pertamina Capex Allocation



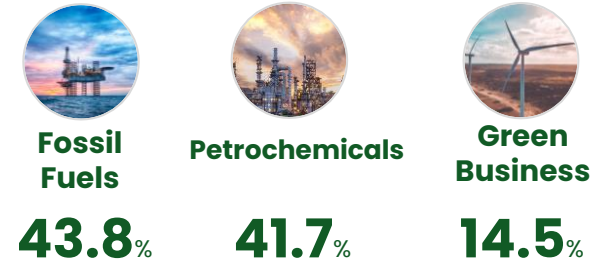
Green Energy Business CAPEX Allocation



Long Term Plan | Pertamina is leading the way in the energy transition while maintaining energy security for Indonesia



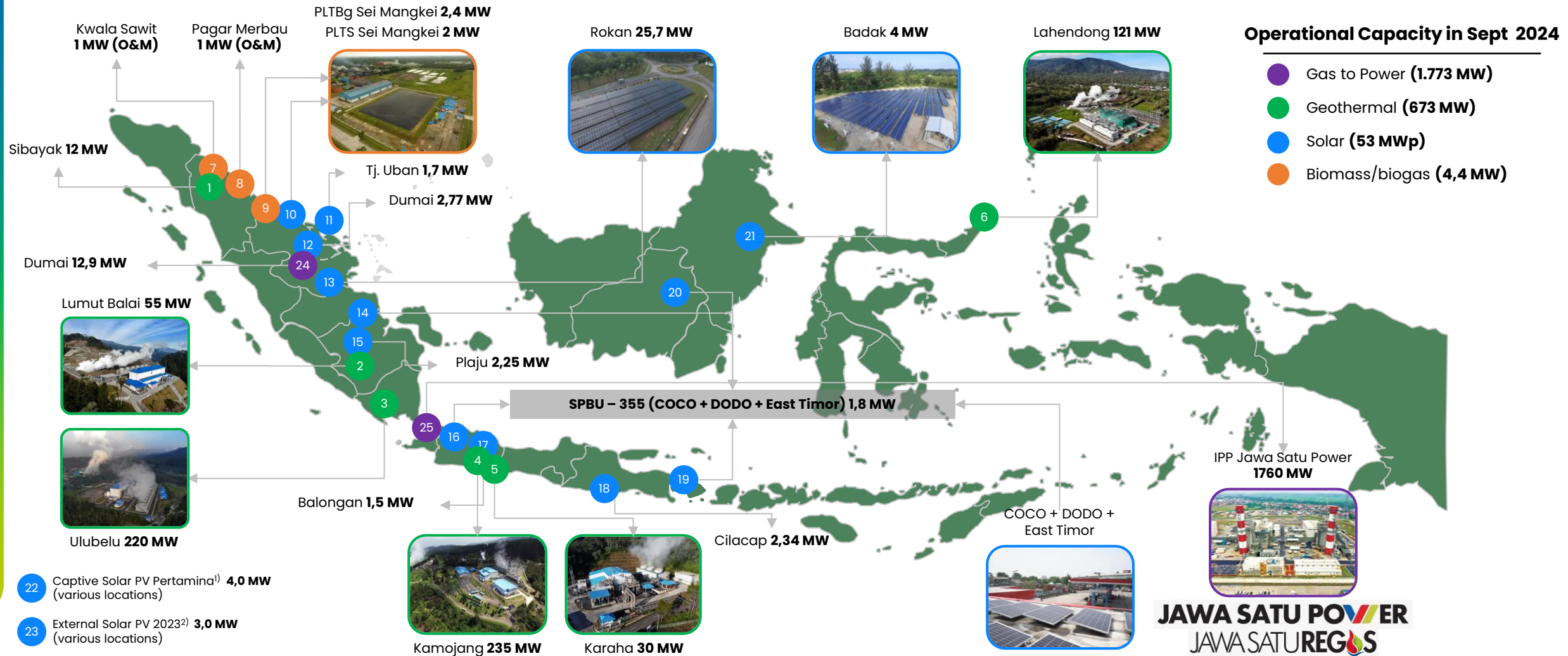
Investment Composition



Key Strategy Target

<div style="display: flex; align-items: center; margin-bottom: 10px;"> <div> <p>Biofuels</p> <p>200+ kbpd capacity for HVO and HEFA</p> </div> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <div> <p>Renewables</p> <p>60 GW to fulfil 15% market share</p> </div> </div>	<div style="display: flex; align-items: center; margin-bottom: 10px;"> <div> <p>Hydrogen</p> <p>3 MTPA for transport, industry</p> </div> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <div> <p>Battery & EV</p> <p>80 GWh battery prod. capacity ~1.5 TWh charging stations</p> </div> </div>
<div style="display: flex; align-items: center; margin-bottom: 10px;"> <div> <p>CCS/CCUS</p> <p>~60 MTPA capacity of E2E CCS/CCUS business</p> </div> </div>	<div style="display: flex; align-items: center; margin-bottom: 10px;"> <div> <p>Carbon Business</p> <p>20+ mn tCO2 carbon credits generated by 2030</p> </div> </div>

PNRE's has been growing its renewables assets across the country



What we need to have definitely now



Change of Support (From fossil fuels to renewables)



Market-friendly regulatory frameworks



Streamlining institutional arrangement



Incentives and disincentives



THANK YOU