"Utilizing Carbon-Free Energy Technologies/Policies to Expand Clean Electricity in APEC"

Papua New Guinea



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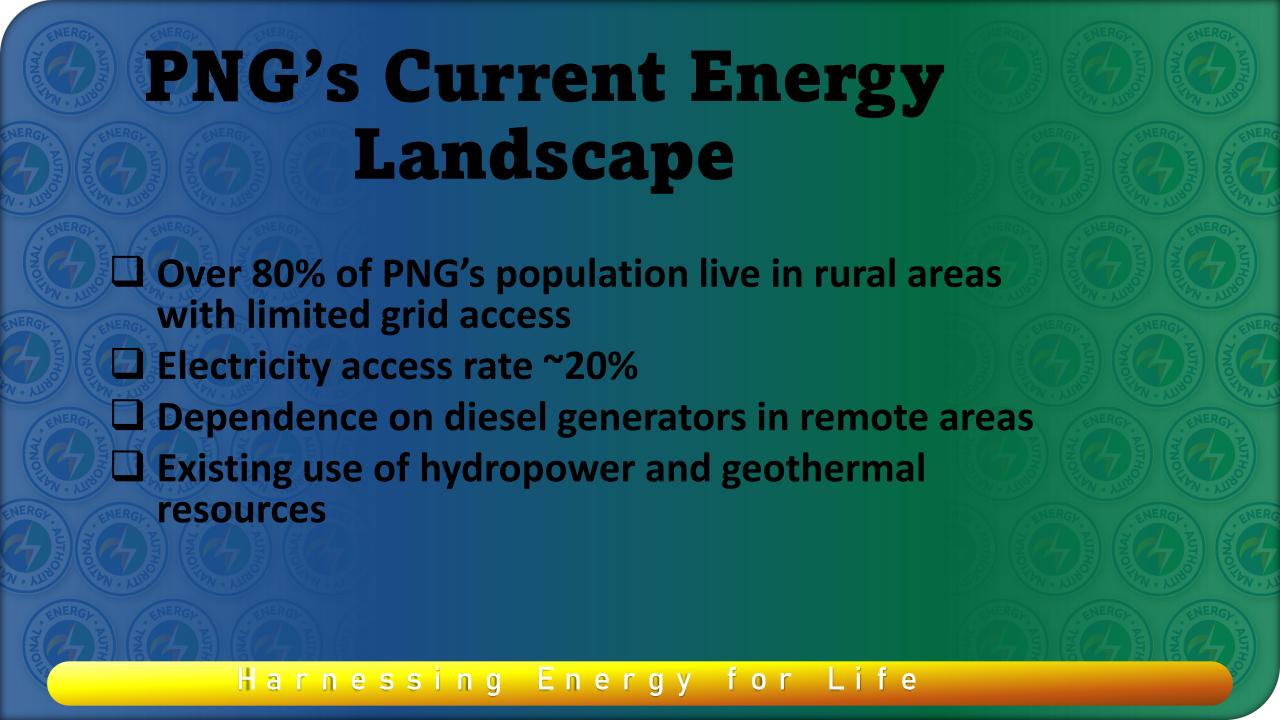


Outline

- PNG's Current Energy Landscape
- National Energy Goals & Commitments
- Carbon-Free Energy Potential in PNG
- Key Clean Energy Projects in PNG
- APEC's Role in PNG's Clean Energy Expansion
- Challenges Facing PNG
- Opportunities for Growth
- Strategic Recommendations
- Conclusion

Introduction

- □ Papua New Guinea (PNG) A developing island nation in the Pacific
- ☐ Clean electricity is vital for sustainable development
- ☐ PNG is committed to APEC's clean energy goals



National Energy Goals & Commitments

- ☐ Vision 2050 and National Energy Policy
- ☐ Electrification target: 70% of the population by 2030
- ☐ Supports SDG 7 and Paris Agreement NDCs
- ENERGY ENERGY

Carbon-Free Energy Potential in PNG

- ☐ Hydropower: Large untapped potential (e.g., Ramu River)
- ☐ Geothermal: High potential (e.g., Lihir Island)
- ☐ Solar: Abundant sunlight across the country
- ☐ Biomass & Wind: Emerging opportunities

Key Clean Energy Projects in PNG

- ☐ Ramu 2 Hydropower Project (under development)
- ☐ Lihir Geothermal Power Plant
- ☐ Community solar mini-grids (ADB/World Bank supported)
- ☐ PNG Power rural electrification initiatives

APEC's Role in PNG's Clean Energy Expansion

- ☐ Technology sharing and partnerships
- ☐ Regional investment and infrastructure development
- ☐ Capacity building and technical training
- ☐ Climate financing and innovation support







