6TH PACIFIC FORUM ON SUSTAINABLE DEVELOPMENT 2022

SDG 7 (Affordable Clean Energy)
National Energy Transition Plan

**TERM 2010-2020**
- RE 50% electricity generation
- EE 9% line losses

**TEEMP 2020**
- Reduce emissions of transport and electricity sector by 50% by 2030

**SDG 7 Roadmap for Tonga 2021**
- Develop enabling policy measures to achieve the targets of, not just the SDG 7 roadmap itself, but also parallel strategic initiatives, such as TERM Plus 2021-2030

**TERMPLUS 2021-2035**
- Maintain line losses under 8%
- 100% electricity generated from RE
- Reduction in net oil imports 10% vs 2018
- Improve Demand Side Energy Efficiency 40GWh vs BAU
- Limit growth in oil consumption for road transport <25% increase
Challenges Encountered During Implementation

Political Will
- Government priorities of the day

Natural disasters
- Increased number of extreme weather events

Technical
- Remoteness of site & accessibility

COVID-19
- Significant delay to achieving National Energy Targets

Financial
- Access to major funds

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Solutions and Best Practices

Education/Innovation
- NCSE Level 1 & 2

Legislation/Policy
- Energy Act, TERM Plus 2021-2035, SDG 7 Roadmap for Tonga, TEEMP

Awareness/Outreach
- Coordinated Outreach activities

Technology
- Off-grid Solar Systems

Financial Support

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Recommendations

- Enhance Climate Resilient in Power sector
- Political support
- Low carbon strategies for Transport sector
- Enabling environment for mainstreaming gender across government policies, programmes, services, corporate budgeting and monitoring and evaluation
- M&E in place
- Increase Private Sector involvement
- Enhancing international cooperation to facilitate access to clean energy research and technology