



CTCN Regional Forum for National Designated Entities (NDEs) from Asia and the Pacific

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Outcome of the Pacific SIDS Leaders' Summit 2009

“The Leaders noted the importance of making a commitment towards pursuing a renewable energy and energy efficiency future based on voluntary national targets that are achievable and practical”

They further agreed that: “while committing to a renewable energy future and energy efficiency targets, a policy mix of renewable energy and energy efficiency and/or fossil fuel development path may still offer the best option”





Tonga's RE & EE Strategic Target 2020 and Beyond

“TONGA ENERGY ROADMAP 2010-2020: Ten Year Road Map To Reduce Tonga's Vulnerability To Oil Price Shocks And Achieve An Increase in Quality Access To Modern Energy Services in an Environmentally Sustainable Manner”. The Government has set a target of 50% of electricity generation from renewable sources by 2020.

In 2015, through INDC, 70% of electricity generation from renewable sources by 2030 and further Improve Energy efficiency through reduction of losses in the Energy Transformation, Residential, Commercial, Transport, Agriculture Sectors





CTCN's Intervention [through NREL] in Tonga

Development of Tonga Energy Efficiency Master Plan [the TEEMP Project] with Achievable EE & GHG targets to ensure the transition to energy efficient future for Tonga

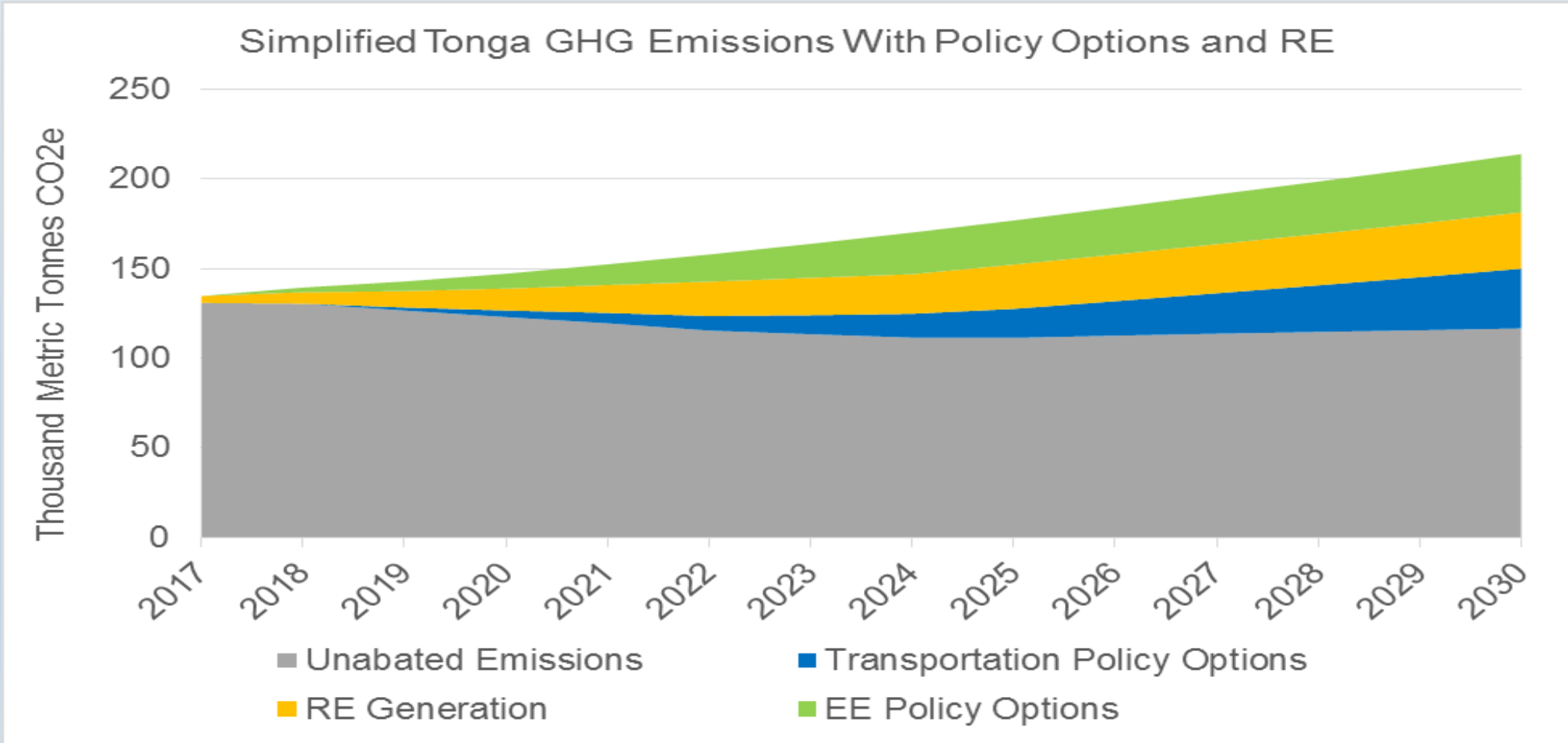
The Activities include:

- ✓ **Data collection, benchmarking, baseline study and develop baseline**
- ✓ **Identify potential least cost EE options with supporting enabling environment option**
- ✓ **Develop Master Plan with EE and GHG targets**
- ✓ **Identify program and projects in the TEEMP with tools and software to monitor TEEMP progress**





Projections of TEEMP in Terms of GHG Emission Reduction



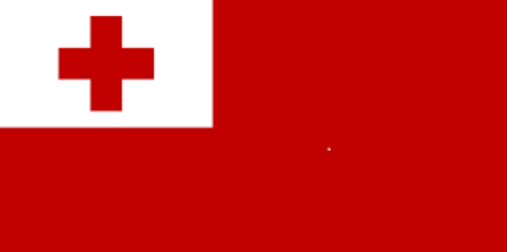


NREL Progress

The TEEMP Draft has now reached 99% completion after 9 months of hard work

TEEMP Compliments TERM Initiative 2010 with particular focusing on priority sectors that for which energy efficiency improvements are key to ensuring Tonga's energy security, accessibility, affordability and sustainability.





Thank you

