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**2ND GLOBAL FORUM ON EMERGENCY TELECOMMUNICATIONS
(GET-2016): SAVING LIVES**

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ICTs for Climate Change Mitigation and Adaptation - Tonga

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Outline

- I. ICTs Implementing UN Global Agendas
- II. Paris Agreement
- III. ICT on Climate Change Mitigation and Adaptation
- IV. Climate Technology Centre and Network (CTCN) and Related Agencies
- V. Tonga's Commitment



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I. ICTs Implementing UN Global Agendas

2015 UN Global Agendas:

- i. UNISDR **Sendai Declaration and Framework for Disaster Risk Reduction 2015-2030**, adopted on 18 March 2015, Sendai, Japan
 - 4 Priority Actions with 7 Targets
- ii. UNGA **Transforming Our World: The 2030 Agenda for Sustainable Development** (SDG), adopted on 25 September 2015, New York, U.S.A
 - 17 Goals with 169 Targets and 304 Indicators
- iii. UNFCCC **Paris Agreement**, adopted on 12 December 2015, Paris, France
 - 3 Aims with 29 Articles

2014 UNSIDS SAMOA Pathway



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II. Paris Agreement

- a. AIMS to (Article 2):
 - i. Hold increase in global average temperature to well below 2°C with efforts to limit to 1.5°C above pre-industrial level (by 2100) - Mitigation
 - ii. Increase ability to adapt to the adverse impacts of climate change and foster climate resilience posing no threat to food security - Adaptation
 - iii. Making finance flows to support low GHG emissions and climate-resilient efforts – C Finance
- b. Intended Nationally Determined Contributions (INDCs)
 - Ambitious targets to reduce GHG emissions and increase investment in climate resilience



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II. Paris Agreement

c. Background:

- i. Kyoto Protocol in 1997 agreed for GHG reduction measures for 2008-2012 period
- ii. Scope of protocol extended until 2020 under the Doha Amendment to the protocol in 2012
- iii. In 2011 the Durban Platform (ADP) to negotiate a legal instrument on climate mitigation measures from 2020
- iv. Paris Agreement will take effect from 2020 (and review of INDCs)
- v. Agreement open for signature on 22 April 2016 and will enter into force when 55 countries out of 197 members ratify, accept, approve or accede to it



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III. ICT on CC Mitigation and Adaptation

- a. Technology Development and Transfer framework (Article 10):
 - i. Needs assessment and enhanced implementation
 - ii. Provision of enhanced financial and technical support
 - iii. Assessment of technologies ready for transfer (deployment)
 - iv. Enhancing of enabling environment
- b. Capacity Building (Article 11)



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IV. CTCN and Related Agencies

- a. CTCN Operational Arm serving:
 - i. Technical support on needs assessments on needs, barriers, types, efficiency, and even deployment
 - ii. Technical support for policy, legal and regulatory formulations
 - iii. Trainings
 - iv. Support on technology specifications
 - v. Implementation and deployment support
- b. Related Agencies include the ITU, WB, ADB (m-health), etc



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V. Tonga's Commitment

- Mitigation measures:
 - 50% renewable energy for generating electricity by 2020
 - 70% renewable energy by 2030
- Adaptation measures:
 - Foreshores and Sea Walls projects
 - Protected Management Areas
- Climate Finance: – National Emergency Fund, PACRAFI, International cooperation



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V. Tonga's Commitment cont'd

- Trainings:
 - CTCN conduct first Workshop for PICs next month in Tonga
 - Ongoing training and capacity building arranged and sponsored by related agencies

- Other Initiatives/Projects:
 - E-government project
 - Pre-positioning stockpile
 - m-health project
 - Early warning systems



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Thank You!!!!

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