

THE IMPORTANCE OF DEVELOPING AN NETP

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THE IMPORTANCE OF NETP

- **WHAT IS A NETP?**
- **WHY A NETP?**
- **TELECOM/ICT IN NETP**
- **CHALLENGES OF ADOPTION OF NETP**

What IS AN NETP

- A National Emergency Telecommunication Plan (NETP) is an overall document that includes not only the regulatory framework for disaster risk management, but also all activities and actions that need to be developed and implemented in each of the phases of the disaster management cycle beyond the ICT sector. This includes the depiction of maps showing the location and types of hazards the country faces; understanding of the telecommunication/ICT landscape, operators and service providers, facilities availability and service penetration; the development of standard operating procedures and response and contingency plans; and the consideration of the treaties and international cooperation agreements signed by the country. – **ITU Website**

WHY AN NETP

- Fosters better coordination for disaster management;
- Creates processes and procedures to identify national needs;
- Establishes of multi-stakeholder roles and responsibilities;
- Supports implementation of policy and normative requirements;
- Creates a framework for national consultation and cooperation
- Brings together people and resources towards common objective

WHY AN NETP

- **Because “A picture is worth a thousand words” and I do not want anybody to experience these:**
- Hurricane Maria 2017: [Hurricane Maria Battered Dominica - YouTube](#)
- Hurricane Maria 2017: [Hurricane MARIA Devastates Humacao, Puerto Rico \(2017\) – YouTube](#)
- [Powerful Earthquake In Haiti Leaves Hundreds Dead – YouTube](#)
- [Watch: Drone Video Captures Damage From Deadly Haiti Earthquake – YouTube](#)
- [5 Biggest Tsunami Caught On Camera - YouTube](#)

The Role of Telecoms/ICT

- **Early warning systems (Hurricanes, earthquakes, tsunamis, floods, fire, pandemics)**
- **Satellite Technology**
- **Vsats, microwave systems, redundant Power systems, Data Centres, Cloud Technology**
- **Seismic systems**
- **Artificial Intelligence and Block Chain Technology?**
- **E-Government systems (education, finance, etc.)**

Opportunities & Challenges for NETP Adoption

- **Opportunities –**

- Capacity development in disaster management
- Institution development to reduce risks
- Use of modern technologies for Early Warning systems
- Development of a resilient nation

- **Challenges -**

- Silo Mentality
- Lack of decentralization of services
- Access to broadband infrastructure
- Service accessibility and affordability

Q & A

- **Thank YOU !**