

ITU Regional Development Forum for Americas (RDF-AMS)

Accelerating the digital development in the Americas

organized by the International Telecommunication Union with the support of the
the Government of El Salvador

16-18 August 2023
San Salvador, El Salvador

Please note that submitted information will be presented during the RDF-AMS P2C Roundtables and it will also be reflected on the pledging platform of the Partner 2 Connect Digital Coalition.

Once completed send to AMSDir@itu.int

CONTRIBUTION FORM

ORGANIZATION: Caribbean Telecommunications Union

FOCAL POINT: Rodney Taylor, Secretary-General, Rodney.taylor@ctu.int, +1868 2919901

TITLE: Caribbean Emergency Communications Framework

DESCRIPTION OF ACTION: [Provide a brief description up to 500 words]

To create a comprehensive regional ICT disaster recovery framework/ plan to effectively co-ordinate the multi-stakeholder response to declared emergencies to optimise responses and restoration of critical services.

The regional ICT disaster recovery framework will combine the strategic functions of the ITU NETP to identify all available communication facilities with the detailed operational and tactical approach defined in the TEPRP programme.

Key activities

1. Define the regional and jurisdictional coverage of the regional ICT disaster recovery framework, ie which countries
2. Create and support the regional ICT disaster recovery steering and working group to coordinate the development of the regional framework and implementation across the national jurisdictions
3. Identify the key ICT stakeholders including government agencies, non-governmental agencies, international agencies, service providers, key citizen groups etc
4. Identify and develop interworking with existing non-technical national emergency/ disaster planning programmes
5. Identify available communication channels, including, satellite, fixed and mobile networks, emergency services networks, licenced and non-licenced radio services etc



6. Define disaster/ emergency scenarios
7. Identify priority stakeholders and users/ citizens
8. Identify priority ICT services
9. Develop and provide training to multi-stakeholders on NETP/ TEPRP frameworks and global best practices
10. Co-ordinate regional, national and sector stakeholder engagement to:-
 - a. Define process for declaring emergencies
 - b. Identify key stakeholders and define disaster communication channels & management frameworks
 - c. Define priority traffic scenarios and users
 - d. Identify & agree traffic prioritisation approaches
 - e. Identify and agree citizen communication update channels, including, radio/ TV, SMS cell broadcast etc
11. Develop comprehensive operational disaster management framework based on TEPRP principles
 - a. Identify different ICT services and infrastructure
 - b. Audit & document network infrastructure, stakeholder resources, critical user devices, ie satellite phones etc
 - c. Develop multi-stakeholder operational collaboration and co-operation framework to optimise restoration of critical infrastructure
 - d. Complete risk assessment of critical infrastructure logistical requirements including prioritisation of resources through customs and immigration - revision of emergency customs duty/ processing provisions etc
 - e. Update regulated licencing/ regulatory frameworks to mandate service providers and other regulated stakeholders to comply with NETP/ TEPRP requirements and frameworks
 - f. Develop commercial frameworks to define and manage access to critical infrastructure and services and pooling of resources to optimise restoration of key ICT infrastructure
 - g. Develop and operate annual NETP/ TEPRP resource audits and reporting obligations
 - h. Develop test cases/ scenarios and define wargaming and practice drill frameworks
12. Develop post-launch monitoring and validation frameworks
 - a. Review of stakeholders, prioritised user, traffic/ service requirements etc
 - b. Annual readiness & resourcing reporting
 - c. Infrastructure audit and risk assessment reporting
 - d. Routine wargaming & practice drills
 - e. Regional reviews to identify ongoing improvements to the regional framework and discuss development in international best practices



COUNTRIES in FOCUS: [Name countries to be impacted by this action]

Anguilla, Antigua and Barbuda, The Bahamas, Barbados, Belize, The British Virgin Islands, Cayman Islands, Cuba, Dominica, Grenada, Guyana, Jamaica, Montserrat, St. Kitts and Nevis, St. Lucia, St. Maarten, St. Vincent and the Grenadines, Suriname, Trinidad and Tobago and the Turks and Caicos Islands

YEARS of IMPLEMENTATION: [Tick the relevant boxes or delete the irrelevant items]
☒ 2024

☒ 2025
RELEVANT ITU REGIONAL INITIATIVE: [Tick the relevant boxes or delete the irrelevant items]
☒ AMS1: Infrastructure deployment (DEPLOYMENT OF MODERN, RESILIENT, SECURE AND SUSTAINABLE TELECOMMUNICATION/INFORMATION AND COMMUNICATION TECHNOLOGY INFRASTRUCTURE)

Please find more information on the ITU Regional Initiatives 2023-2025, as defined by WTDC-22,

<https://www.itu.int/en/ITU-D/Regional-Presence/Americas/Pages/RI-projects-2023-2025.aspx>

RELATED ITU-D PRIORITIES AS DEFINED BY THE ITU WORLD TELECOMMUNICATION DEVELOPMENT CONFERENCE 2022

- ☐ Affordable connectivity
- ☐ Digital Transformation
- ☐ Enabling policy and regulatory environment
- ☒ Resource mobilization and international cooperation
- ☒ Inclusive and secure telecommunications/ICTs for sustainable development

Please find more information on the ITU-D Priorities, as defined by WTDC-22, [here](#).

RELATED ITU PRIORITIES AS DEFINED BY ITU PLENIPOTENTIARY CONFERENCE 2022

- ☒ Spectrum use for space and terrestrial services
- ☐ International telecommunication numbering resources
- ☒ Inclusive and secure telecommunication/ICT infrastructure and services
- ☐ Digital applications
- ☐ Enabling environment

Please find more information on the ITU Priorities, as defined by PP-22, [here](#)

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