Disaster Preparedness and Response

Introduction

The GSMA and M4D

- The GSMA represents the interests of mobile operators worldwide, uniting nearly 800 operators with almost 300 companies in the broader mobile ecosystem

- Works across a variety of topics including spectrum, technology and regulation

- GSMA Mobile for Development brings together our mobile operator members, the wider mobile industry and the development community to deliver mobile services to underserved people in predominantly emerging markets

- The GSMA Disaster Response Programme sits within M4D

Connected Society | Mobile Money | Mobile for Development Utilities | mAgri

Digital Identity | Connected Women | mHealth | Disaster Response

GSMA Disaster Response

Programme aims:

- Drive scale and collaboration within the mobile industry to increase and demonstrate the positive social impact of MNOs and partners before, during and after humanitarian emergencies.

- Support the mobile industry, under the banner of the Humanitarian Connectivity Charter, in improving network preparedness and restoration, and providing more effective, coordinated support to humanitarian responders and disaster affected populations.

Quick ice breaker:

- Your name
- Your job title
- An area you are most interested in learning about today
- What would you miss this most today without your phone?

In this Session :

- Role of ICTs in Saving Lives for setting the stages of the training
- Phases of Disaster Management
  - Prevention & Preparedness
  - Response and
  - Recovery
- Opportunities and challenges for regulation
- Collaboration opportunities

GSMA Capacity Building

Disasters are increasing in frequency and magnitude

- Disasters are becoming increasingly common, and have a greater impact on larger numbers of people due factors including:
  - Climate change
  - Demographic change
  - Population growth
  - Urbanisation

DISASTER IMPACT NUMBERS

65.3 million PEOPLE CURRENTLY DISPLACED WORLDWIDE

EFFECTS OF DISASTERS (2000 - 2016)

BY REGION

3.5 billion PEOPLE AFFECTED BY DISASTERS

1.9 trillion ECONOMIC LOSSES (USD) DUE TO DISASTERS

AMERICAS **747 billion**

EUROPE **198 billion**

ASIA **902 billion**

AFRICA **17 billion**

OCEANIA **62 billion**

(USD)

Slide 8

DT1   I have updated this slide with the more recent numbers from the HCC AR
Dulip Tillekeratne, 7/31/2017

Mobile now a basic humanitarian need in times of crisis

"You may wonder, well, what's a 130-year-old institution like the Red Cross doing in the new world of mobile technology? But we are seeing it literally revolutionise disaster response."

- **Suzy DeFrancis, chief public affairs officer, American Red Cross**

". . we are gaining a better understanding of the potential our networks have to play a supportive role both during and in the aftermath of a crisis. Enabling affected communities, governments and aid workers to access the internet, make a phone call or send a text is a vital part of crisis management and the humanitarian response which follows."

Dr Nasser Marafih, Group Board Member and ex-CEO, Ooredoo

"I congratulate the GSMA and its membership for developing this partnership (the Humanitarian Connectivity Charter) with the humanitarian community, which will enable people affected by crises to gain access to vital communications."

- **Ban Ki-Moon, Secretary-General, United Nations**

There are numerous touch points for regulators within the area of disaster response

Prevention & Preparation
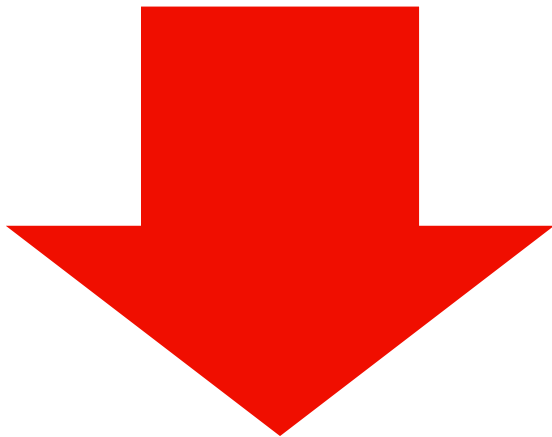
Response

Long-term recovery

Opportunities and challenges for regulation

At its best, regulation can create an enabling environment that supports rapid recovery after disaster.

At its worst, it can inhibit recovery efforts and prolong the recovery period reducing the benefits associated with mobile communication for affected communities.

Collaboration opportunities

Regulators have an important role to play

Input from regulators is welcomed by many operators

There is a real opportunity to ensure better industry responses

Group discussion

In your group discuss:

- What are the challenges, in terms of disaster and crisis preparation and management, facing mobile operators in this region?

- What is the potential role of the telecommunications industry in the increasing preparedness and resilience in the region?

- Reality vs. potential; What steps can you identify which would need to take place to move from the current reality, to the possible?

Introduction: Summary

1	Disasters are increasing in frequency.
2	Mobile is now a key channel for the delivery of aid.
3	There are numerous touch points for regulators within the area of disaster response.