



ITU INTERVENTION TO EBOLA

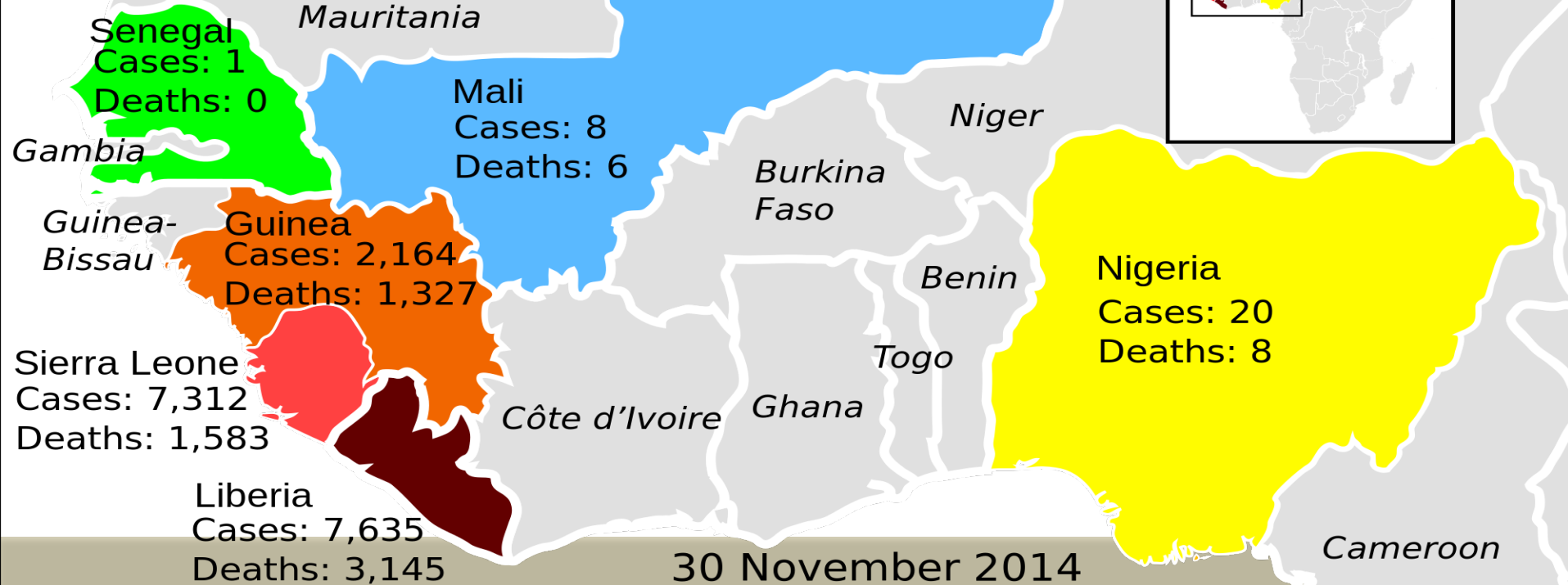
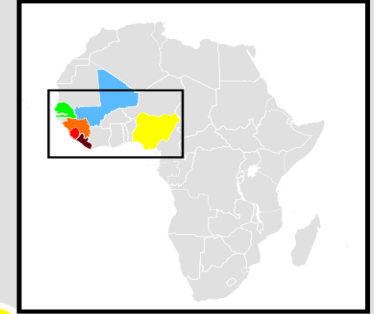
Dr. Cosmas ZAVAZAVA
Chief of Department,
Projects and Knowledge
Management, ITU

SNAPSHOT



Ebola virus epidemic in West Africa

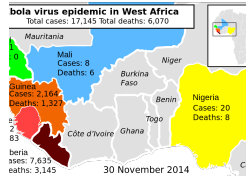
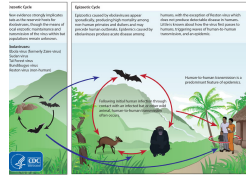
Total cases: 17,145 Total deaths: 6,070



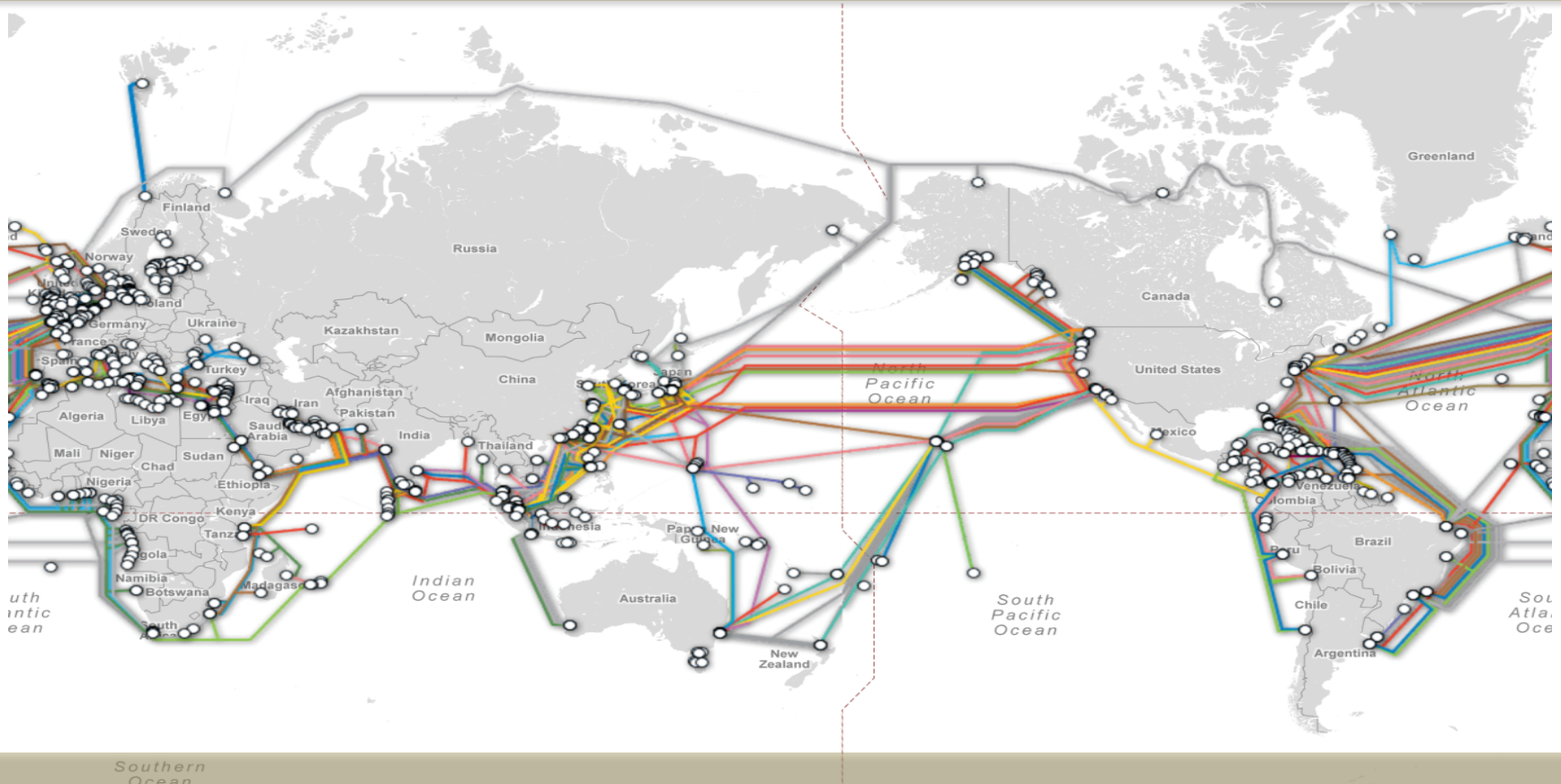
ITU's MANDATE ON EBOLA!



ITU's Engagement on Ebola is the result of a resolution that was adopted at the ITU Plenipotentiary Conference held in Busan, Republic of Korea, in November 2014, "Using information and communication technologies to break the chain of health-related emergencies such as Ebola virus transmission" – the resolution, which calls for the use of Information and Communication Technologies (ICTs) to facilitate timely exchange of information on health-related emergencies.



FACT IS ... WORLD IS MORE NETWORKED THAN EVER BEFORE





7 BILLION
MOBILE-CELLULAR SUBSCRIPTIONS

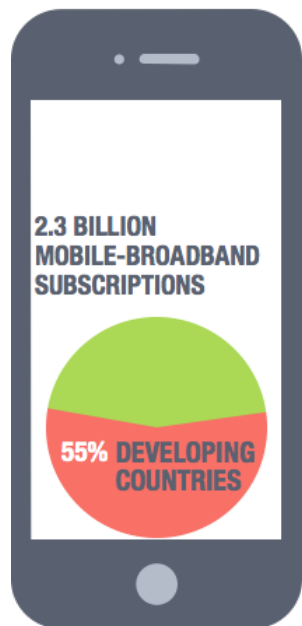


3 BILLION INTERNET USERS

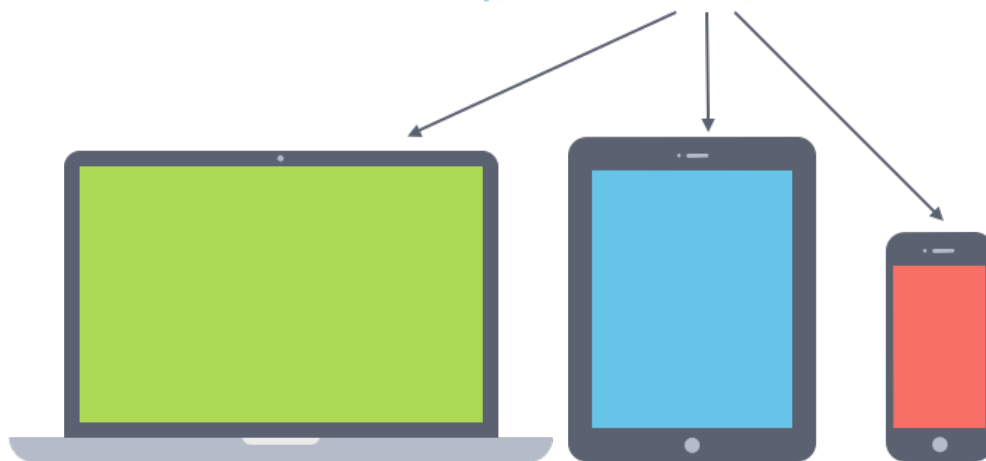


**40% OF THE WORLD POPULATION
ARE USING INTERNET**

**1.9 BILLION INTERNET USERS ARE
IN DEVELOPING COUNTRIES**



44% OF HOUSEHOLDS USE INTERNET



CONCRETE ACTION BY ITU

- DEPLOYED A HOST OF BROADBAND SATELLITE TERMINALS TO SIERRA LEONE FOR BASIC COMMUNICATION AND TELEMEDICINE AS NECESSARY
- DEVELOPED AN APP THAT WAS LAUNCHED AND IS IN USE

EBOLA INFO SHARING APP



To serve humanitarian actors on the ground

Simple & effective mobile app
Retrieve & share essential Ebola info

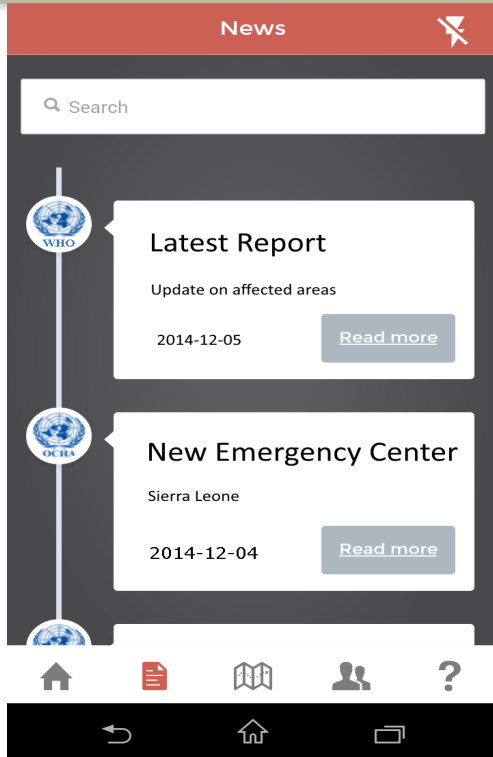
Full offline mode
Ultra low bandwidth
English/French
Android/iPhone

CHALLENGES TO ADDRESS

The main goal through this application is to coordinate information sharing between all actors concerned with the response effort and to provide information to the general public for awareness raising and risk reduction



FEATURE - NEWS



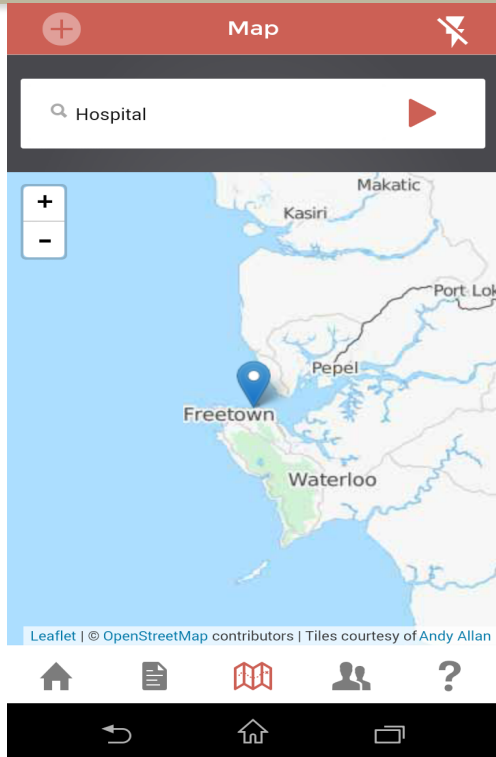
Aggregated News from
official sources

- WHO
- OCHA
- Red Cross
- etc

Highly compressed

Mobile friendly formatted

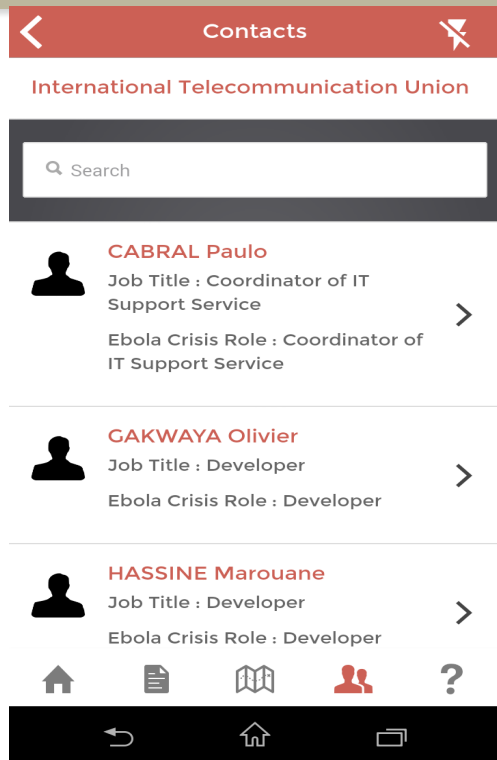
FEATURE - MAPS



Offline Maps

- App standard version
4MB
- App high Res version
35MB
- **Powerful offline search**
- **Community input**
- Data markers always up
to date

FEATURE - CONTACTS



Online/Offline contacts

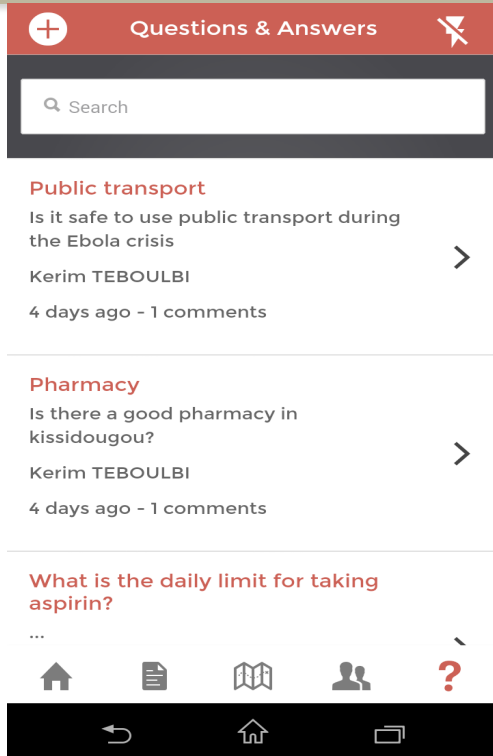
Ebola-crisis specific input fields

Powerful offline search

Easy import from phone

Private to an organization

FEATURE – Q&A



Discussion forums

Powerful offline search

Always relevant with
up-to-date comments

Private to an organization

MULTISTAKEHOLDER APPROACH

- Fighting Ebola requires Government, Private Sector, and the Public to work together
- TELECOM Regulators have a role to play with regards to Call Data Records (CDR) while upholding privacy
- TELECOM Operators are expected to provide affordable access but to also provide data
- BIG DATA plays a key role in terms of transmissions and core-relation

FROM EBOLA TO CHIKUNGUNYA AND DENGUE FEVER



THANK YOU

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