

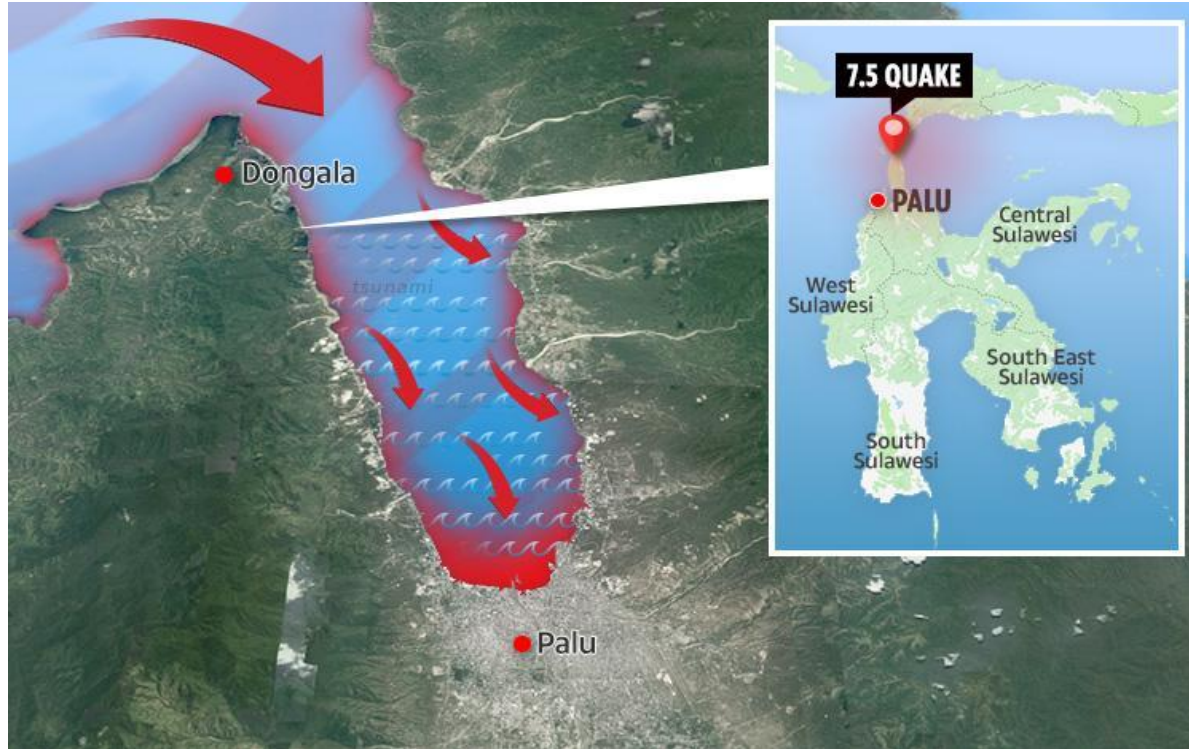
# Emergency response to the Indonesian Earthquake and Tsunami disaster

The international Red Cross humanitarian mission  
Palu, December 2018  
Jennifer Zhu, IT&T ERU

# The Disaster 28 September 2018: earthquake



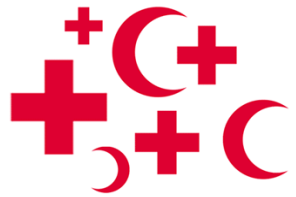
# The Disaster 28 September 2018: tsunami



# The Disaster 28 September 2018: liquefaction



# The World of Red Cross



- National Red Cross and Red Crescent Societies “National Societies”



- International Federation of Red Cross and Red Crescent Societies “IFRC”



- International Committee of the Red Cross “ICRC”



# IFRC Tools

- Equipment and people
- People
- Funding
- Information Management



**FACT**

Field assessment and coordination team

**DREF**

Disaster Relief Emergency Fund

**HEOps**

Head of Emergency Operations

**RDRT**

Regional Disaster Response Team

- Standardised modular system of equipment and teams of technical specialists
- Provide specific support or direct services when local facilities are either destroyed, overwhelmed by needs or do not exist
- Deployment in 24-72 hours for 1-4 months, self-sufficient for 1 month
- After operation, hand over to National Society trained counterparts

**ERU**  
Emergency Response Unit

# IT & Telecommunications ERU

- To establish local communication networks and links to help ensuring the smooth flow of information in the operation
- To assist the host National Society with its communication systems, using
  - satellite phone systems
  - high-frequency (HF) radio systems and very high frequency (VHF) radio systems
  - VSAT (satellite communications) systems
- The systems used depend on the geographical location and needs
- American, Danish, New Zealand and Spanish Red Cross operate IT&T ERUs

# The Numbers (as of 5 December 2018)

- A total of 2,100 people died in the disaster
- A further 1,300 people are still missing
- More than 4,400 people have been seriously injured
- Over 133,000 people displaced by the disaster
- An estimated 15,000 houses and land have been totally devastated
- Some 17,000 houses are heavily destroyed but the sites may allow for reconstruction
- Around 35,000 families whose houses have been damaged need emergency shelter support

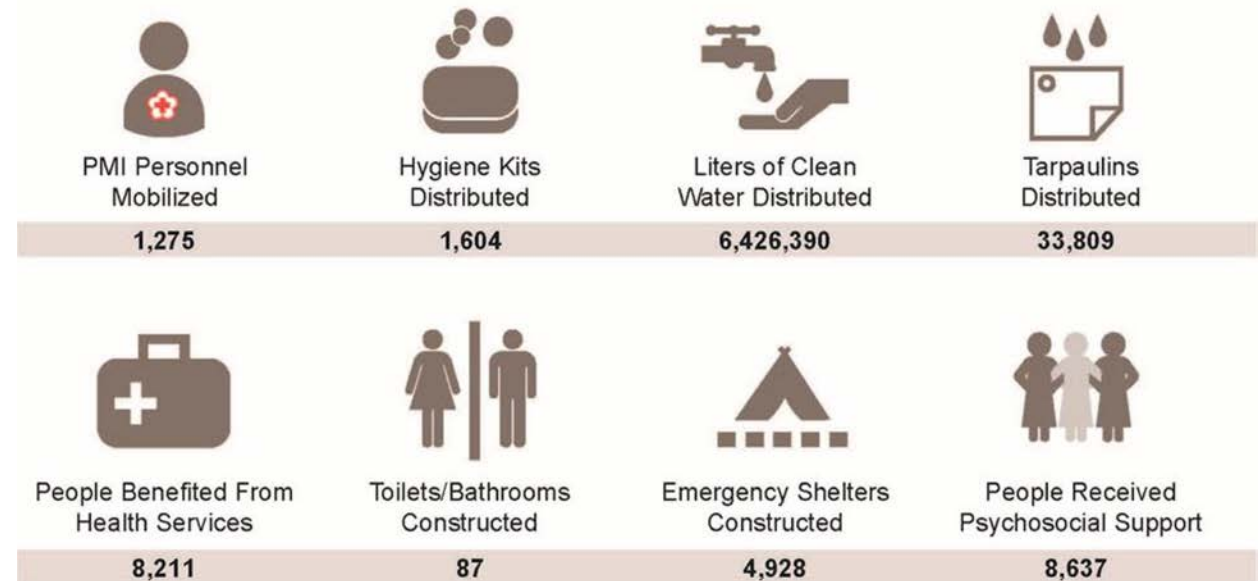


# Disaster Response

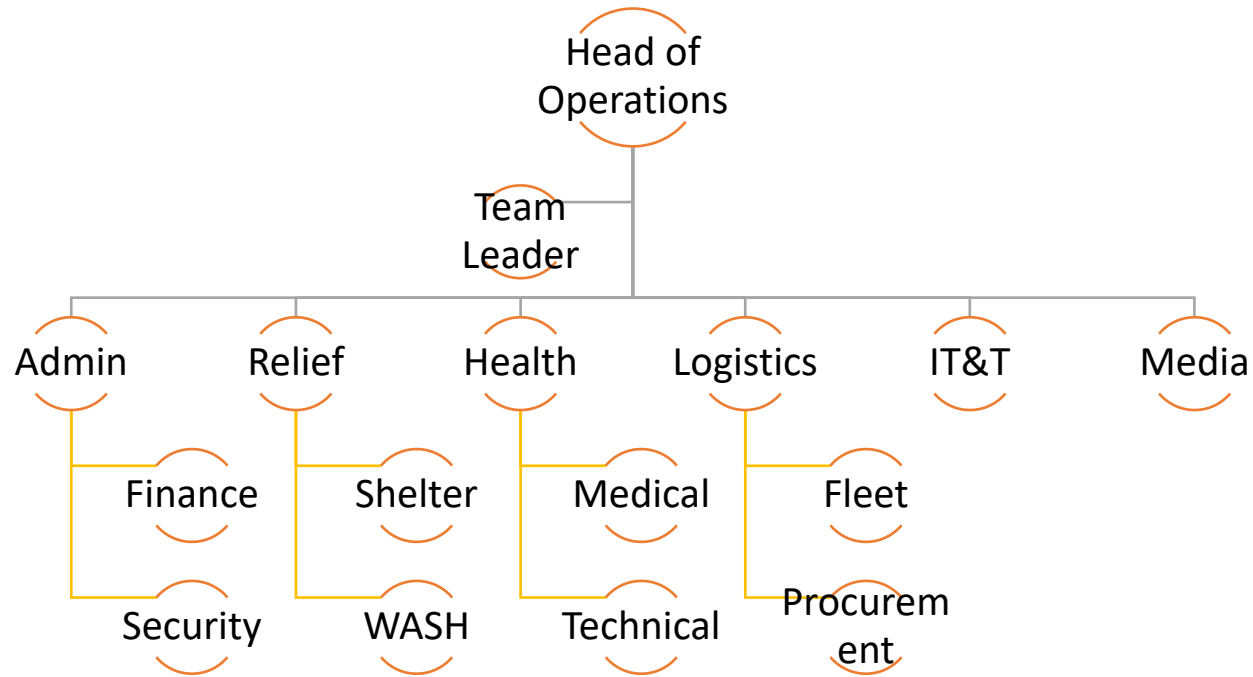
- The Indonesian government leads the disaster response
- Indonesian Red Cross (PMI) is the lead Red Cross agency
- At PMI's request, IFRC coordinates international support from and provides assistance with its tools

## Sulawesi Earthquake and Tsunami Factsheet

Data as of: 5 December 2018

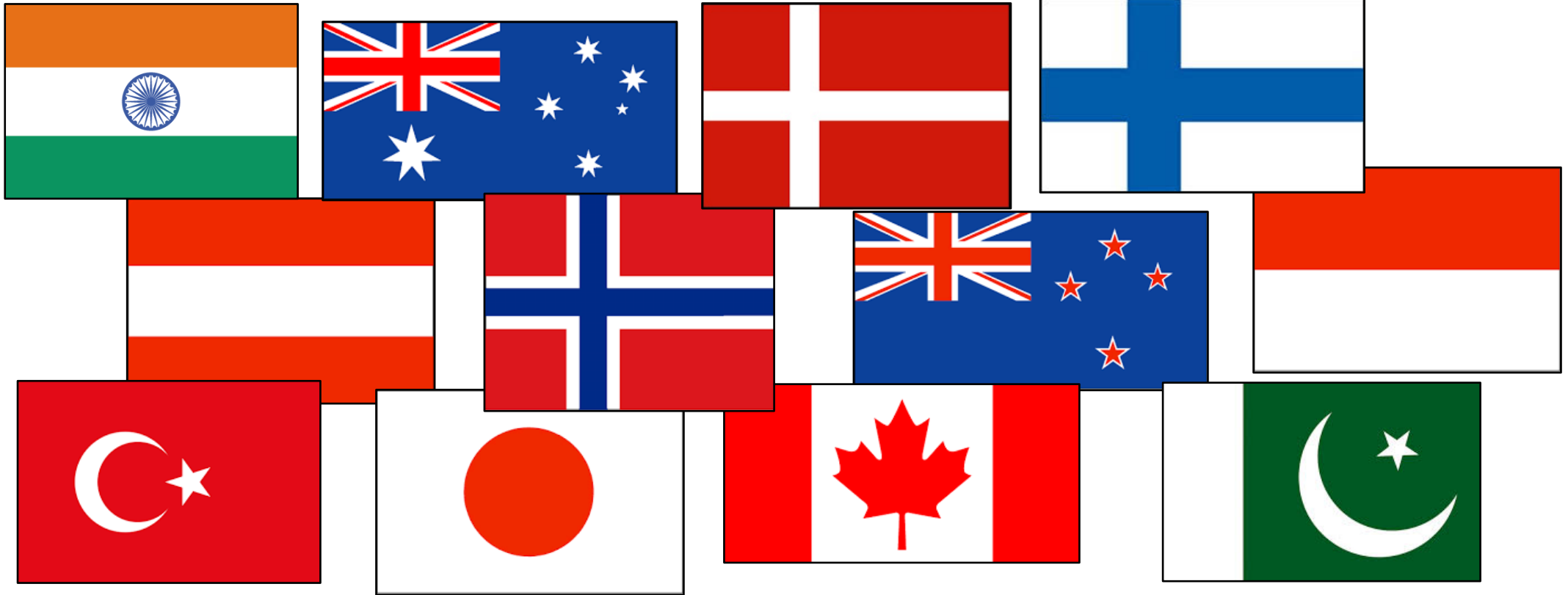


# The Red Cross Operation

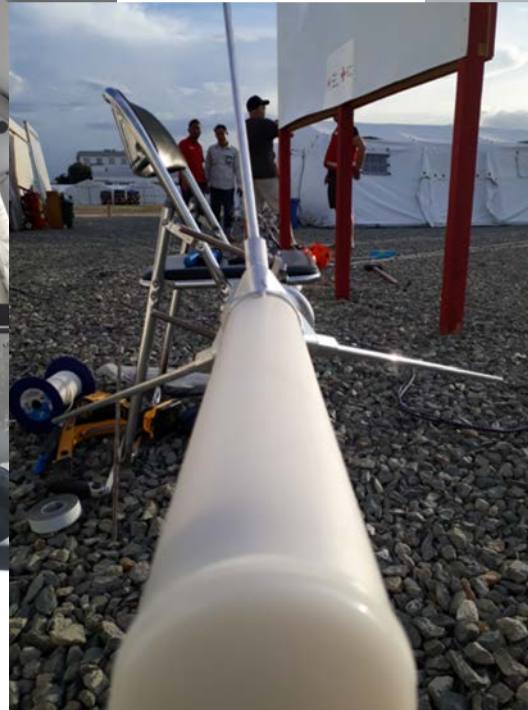


- *“aims to support the needs of up to 80,000 people from the affected rural and urban communities ... with appropriate immediate, medium-term and recovery assistance in a timely, effective, and efficient manner and increase their resilience to future shocks”*

# An International Effort



# Telecommunications @ Basecamp



# Telecommunications in the Field



# Capacity Building



# And a bit of downtime...



