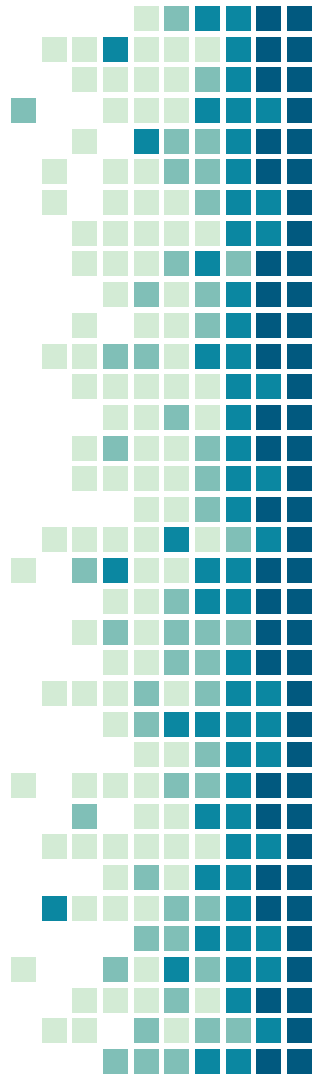


# TRANSFORMING HUMANITARIAN RESPONSE THROUGH ICT



# Outline :

- ❑ Brief background
- ❑ Challenges and opportunities to address same using ICT as a tool
- ❑ Challenges with the use of ICT
- ❑ Suggestions



# Background:

- ❑ Changed dynamics/frequencies of disasters
- ❑ Unprecedented 69M people require support by end of 2017.
- ❑ 25m are refugees
- ❑ Support needed in real time
- ❑ Humanitarian system overwhelmed by present need

# Challenges and opportunities for addressing same using ICT as a tool:

- ❑ **Doing a lot with limited resources**  
**(\$25B spent but \$40b needed)**
- *Registering refugees onto national mobile network platform*
- *Digital payment-CBI*  
*(Collaboration with local mobile network operators)*  
*Food, shelter, education materials, basic household items*


# Challenges and opportunities for addressing same using ICT as a tool:

## ❑ Extending internet connection to refugee settlements

- *Improving ICT education*
- *Communication with CO through social media*
- *Empowerment through online education*

*(Intelsat, Varkey foundation project in Ghana )*



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- **Use of Robotics for essential deliveries**
  - National project extended to refugee settlement areas
  - Medical supplies to communities at need
  - To improve the delivery of health care in remote areas

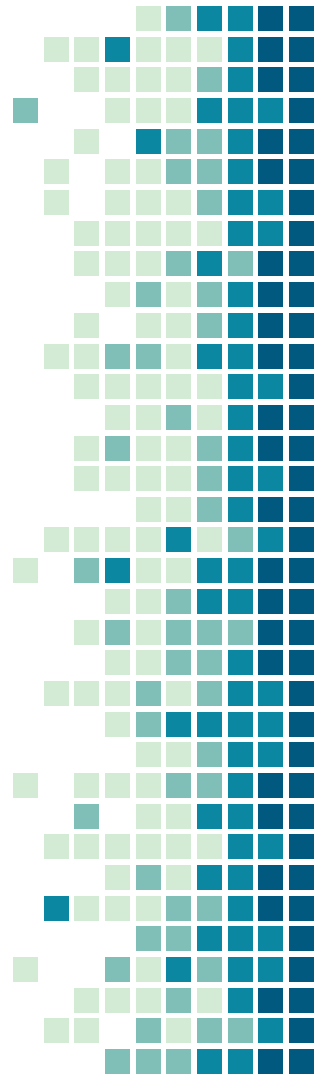


## □ Data collection and management

- *Using apps/mobile devices for data collection*
- *Updating data in real time for analyses*
- *Live or online database-ProGres v.4*
- *End-to-end encryption of data*

## Digital identity

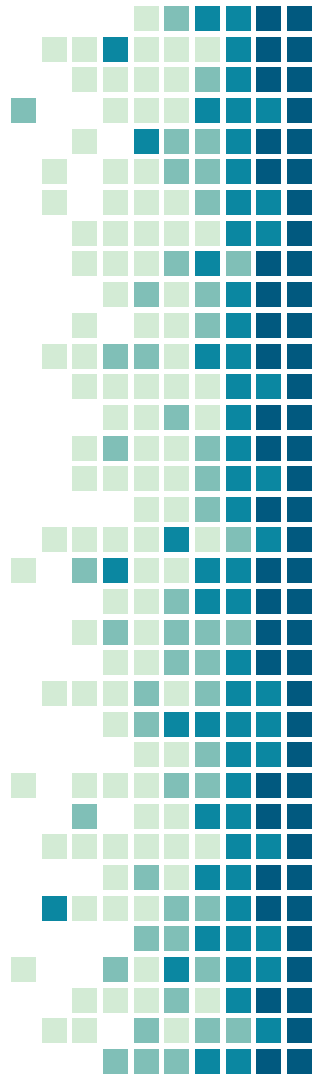
- Provide national ID cards to refugees/asylum seekers
  - To enable refugees access national services
  - (e-governance services)





# Challenges:

- ❑ Weak network infrastructure
- ❑ Not every refugee has a smart mobile phone
- ❑ Bias towards male and urban population



# suggestions:

- ❑ Investment in ICT infrastructure by governments and partners
- ❑ Integrating camp based connectivity projects into national system
- ❑ Intensifying the partnership drive

