

New technologies in solving humanitarian challenges

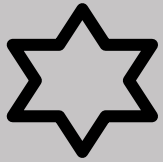


IDA GLOBAL DEVELOPMENT PANEL MEETING

*Presentation by Signe Yde-Andersen, interim International Director,
Danish Red Cross (DRC)
October 2020*



How we work



Quality programming



Partnerships



Localization



Digitalization



Innovation





Our strategic focus

What are we focusing on:

- Climate, Migration / displacement
- Effective Response
- Healthy lives - MHPSS
- Changing and recurrent risks
- Empowered civil society - RCRC





How can technology help us to overcome challenges?



Forecast-based Action: *A new climate reality*

More than **90%** of
today's disasters are
caused by climate and
weather-related events.





Anticipatory actions are needed

- Increased climate risk.
- More people in need.
- Stagnating humanitarian funding.



A wide-angle photograph of a dry, open landscape. The ground is light brown and sandy. In the background, there is a line of sparse, dry trees under a clear sky. In the foreground, a person is kneeling on the ground next to a white cow with a black tail. The person is wearing a blue shirt and dark pants. The cow is facing the person.

WHY:

By advancing pre-financed preparedness measures, we will be able to minimize the potential impacts, save lives and reduce costs.

HOW:

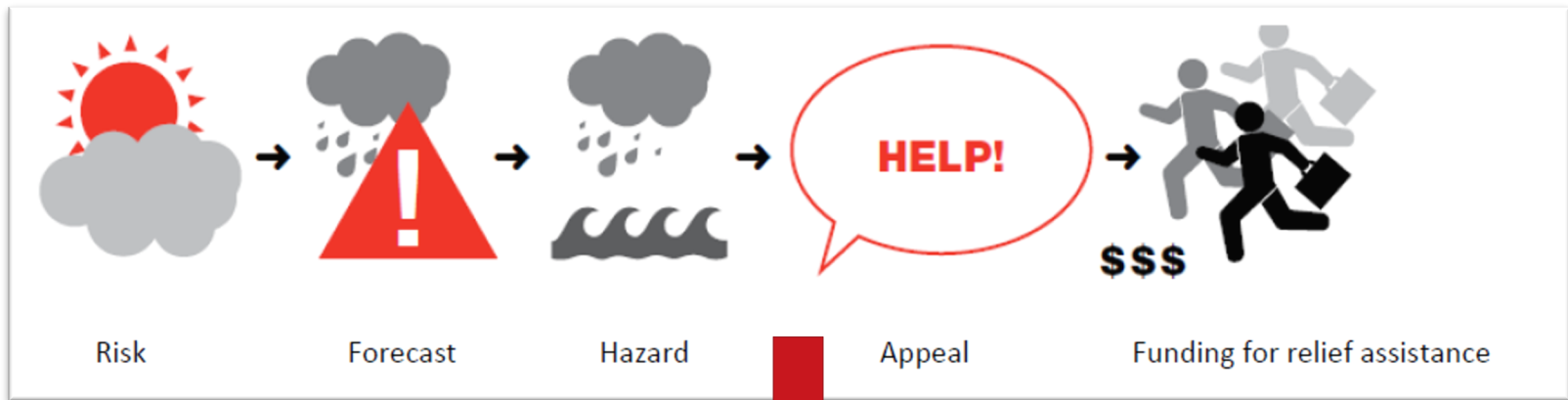
We do things in a climate-smart way and establish the right technologies such as forecast-based action that will help us to anticipate and adapt our solutions to the current climate-changes.

WHAT:

- Not only focus on reactive response actions to eliminate the suffering.
- Forecast disasters and provide funding before the hazards hit.
- Use trigger-warnings to know when extreme weather is underway.
- Develop a system where funds are automatically released when specific trigger-parameters have been met.



Moving from re-active to Forecast-based Action (FbA)





FbA at Danish Red Cross

- ✓ Supporting FbA project activities in 7 selected countries.
- ✓ Investigating how to set up anticipatory actions for epidemics.
- ✓ Supporting research in how to apply and scale up FbA for situations of conflict and violence.

Danish Red Cross FbA Partnership Countries

SUDAN

Main hazard: Flood
FbA Dialogue initiated
FbA Feasibility study planned for 2020

PALESTINE

Main hazard: Flood, Cold Wave & Conflict
FbA Dialogue initiated
FbA Feasibility study planned for 2020

NEPAL

Main hazard: Flood
FbA project developed
Project Initiation 2018
ECHO FbA/SP project 2020

KENYA

Main hazard: Flood & Heatwave
FbA Dialogue initiated 2019
Urban FbA programming planned for 2020

MALI

Main hazard: Flood
FbA project developed
Project Initiation 2017
FbA DREF EAP approved

MALAWI

Main hazard: Flood
FbA project developed
Project Initiation 2017

ZIMBABWE

Main hazard: Drought
FbF project developed
Project Initiation 2018



**Community
Inclusion
Currencies:
*Protecting local
communities from
economic
downturns***



WHY:

By creating new financial mechanisms and thereby increase effectiveness and efficiency of existing resources, we will be able to build resilience, empower local communities and eradicate poverty.

HOW:

Using community currencies and open source block-chain technology in new cash transfer programs to develop and trade local communities' own assets.

WHAT:

- **Moving away from traditional cash-programs and giving digital vouchers instead.**
- **Community members can use CICs to buy goods for their basic needs when they have no money and increase**
- **Community Inclusion Currencies are local means of exchange that supplements the national currency system**



How is it working so far:

- ✓ No. of users: 40.000 households in Nairobi.
- ✓ Transactions up by 500% after COVID-19 response.
- ✓ Food and Water top trade volume.
- ✓ Majority of female users.



COMMUNITY INCLUSION CURRENCIES DASHBOARD

Sep 2020 - Oct 2020

Standard

USERS

Registered Users

40.7k (total) ▲ 11%

4.08k (new) ▼ 100%

Traders

7.41k (total) ▼ 100%

1.57k (frequent) ▼ 100%

Supply & Reserve

16.0M (supply in circulation)

1.98M (reserve)

Exchange & Price

1.00 (KES)

TRADES

Standard

59.8M (KES) ▼ 100%

52.4k TXs ▼ 100%

Disbursement

2.78M (KES) ▼ 100%

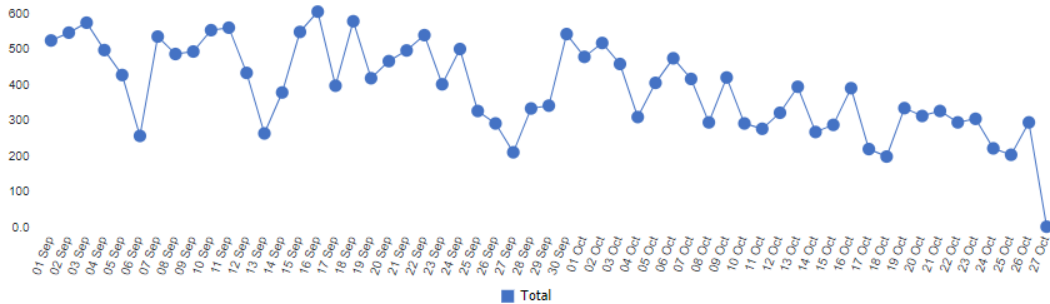
19.6k TXs ▼ 100%

Agent Out

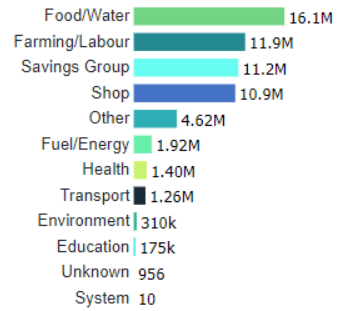
0 (KES) 0%

TRADERS

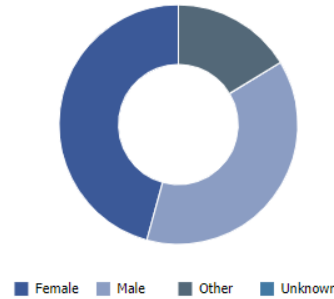
REGISTERED



TRADE VOLUMES BY SPEND TYPE

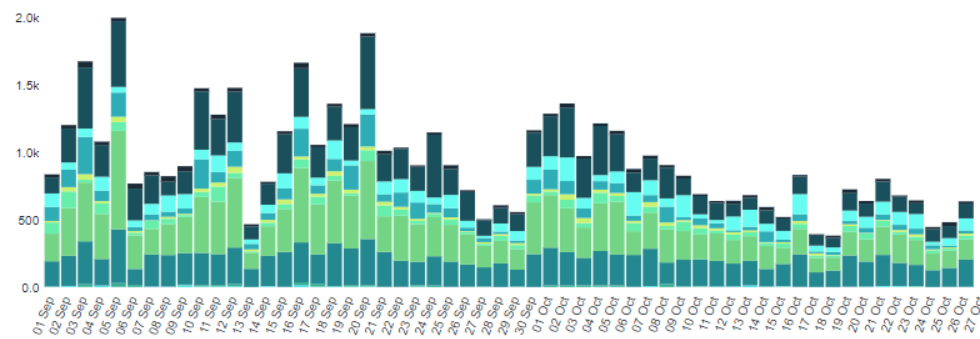


TRADE VOLUMES BY GENDER

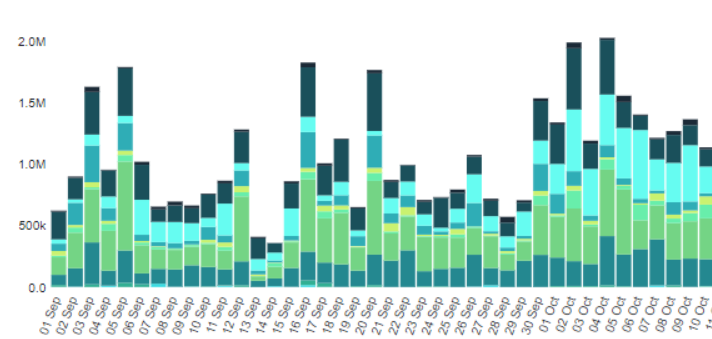


Spend Types Transactions Gender

NO OF TRANSACTIONS



TRADE VOLUMES



<https://www.youtube.com/watch?v=bHM1DRHSUPw>





Partners are key to succeed



access²innovation



QUESTIONS & ANSWERS

