



# Horn of Africa Partnership for Early Warning and Early Action

Increasing the availability and use of  
disaster risk information for  
decision-making in the IGAD region



Government Offices of Sweden  
Ministry for Foreign Affairs



# What?

## Phase I



Development of the  
**IGAD's Regional Flood  
Risk Profile**  
- *preliminary results* -  
(2021)

## Phase II



**Validation** of preliminary  
results and direct application  
**in Early Warning and Early  
Action**  
(2022)

## Phase III



**Dissemination, ownership,  
put in operations** of achieved  
results and methodologies by  
IGAD and its Member States  
(TBC)



# IGAD Disaster Operation Centre Situation Room



**ICPAC**

# Goal of the IDOC

- **Significantly reduce the impacts of disasters on the lives, livelihoods and assets by providing people centered multi-hazard early warnings information and strengthening early action in the IGAD region.**

# Core Functions of the IDOC

- **Monitor major hazards and issue early warning information for the region;**
- **Coordination with national focal institutions on Anticipatory early action;**
- **Rapid mapping of affected areas and impacts of disasters;**
- **Strengthen Capacity to anticipate risk**

# Major Hazards to monitor

## Phase I Starting with:

- Drought monitoring and forecasting;
- Flood monitoring and forecasting;
- Pest/Desert locust monitoring;
- Food Insecurity monitoring

**In phase II** the centre will expand the hazard monitoring to landslides, Cyclones, Wild fire, epidemics...etc. as appropriate.



# Regional Flood Risk Assessment Results



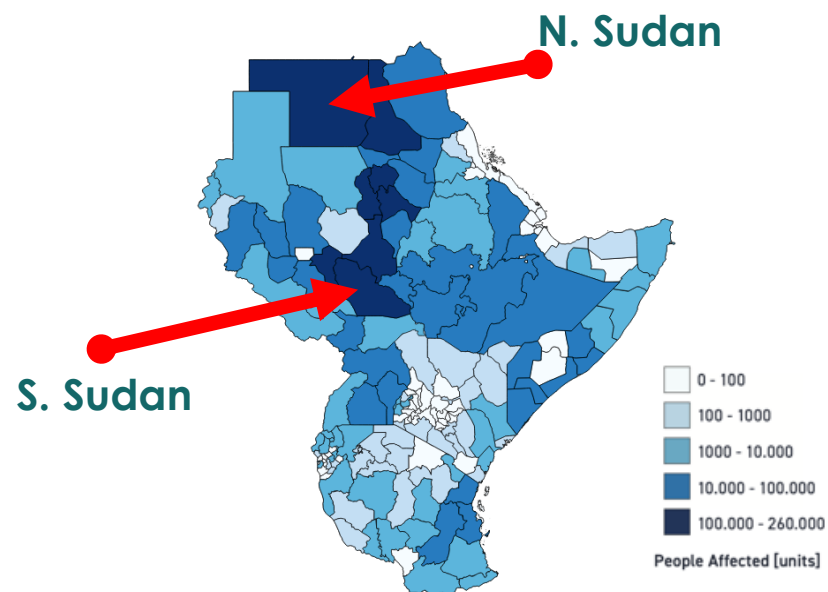
# INTEGRATED REGIONAL MULTI-HAZARD EARLY WARNING SYSTEM







People likely to be  
affected / rendered  
vulnerable / displaced



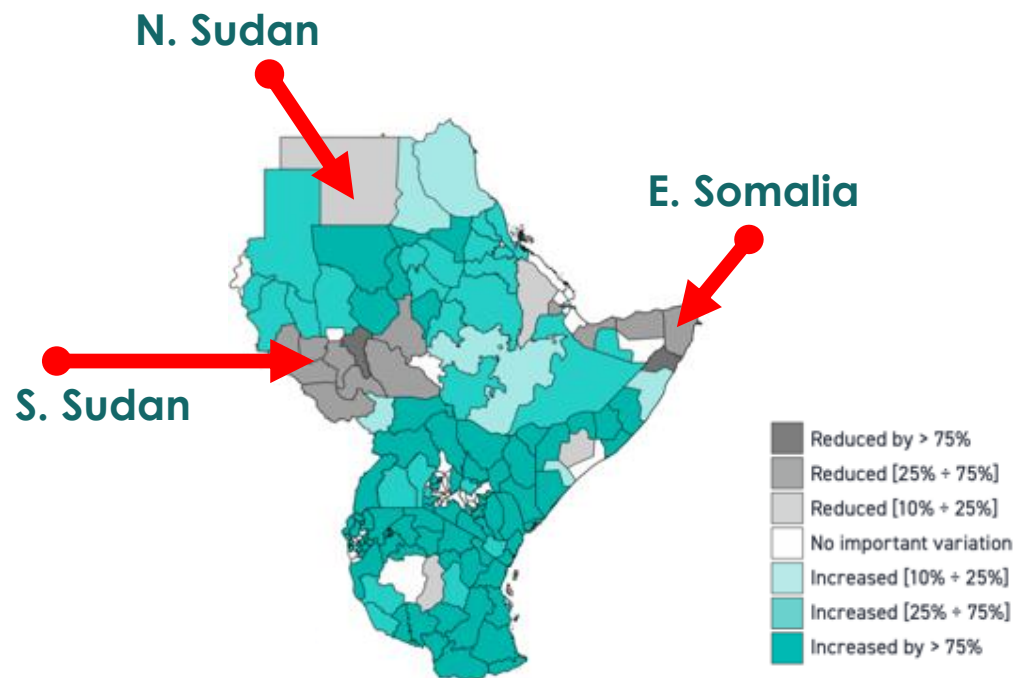
### Current climate conditions



**2 million people affected** ⇒ 50% at risk of displacement



Highest number of people affected in **northern part of Sudan, eastern part of South Sudan and coastline of the Nile river**



### RCP 8.5 climate conditions

*and United Nations Population Growth Projections*



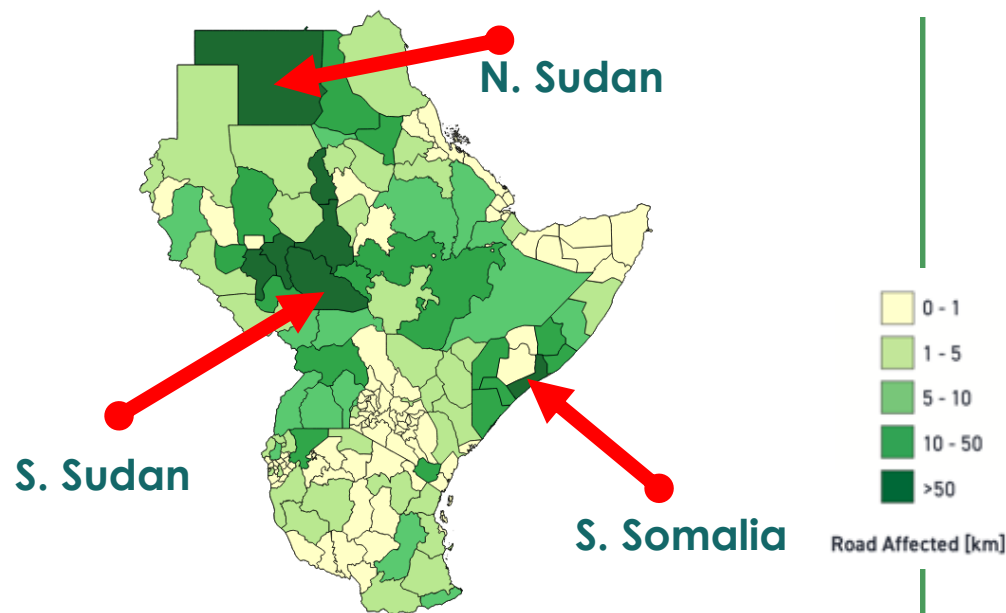
**Overall increase, up to 75%**, of the number of people affected in the region



Exception in **northern part of Sudan, in South Sudan and eastern part of Somalia** ⇒ decrease between -25% and -75%



## Loss/damage on Facilities (Roads)



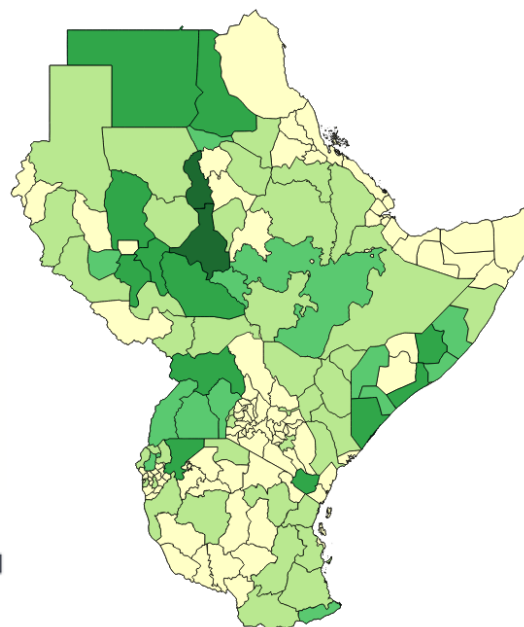
### Current climate conditions



**1500 km of primary and secondary roads** affected on average every year by flood events



Highest number of roads affected in **South Sudan, northern part of Sudan and southern part of Somalia**



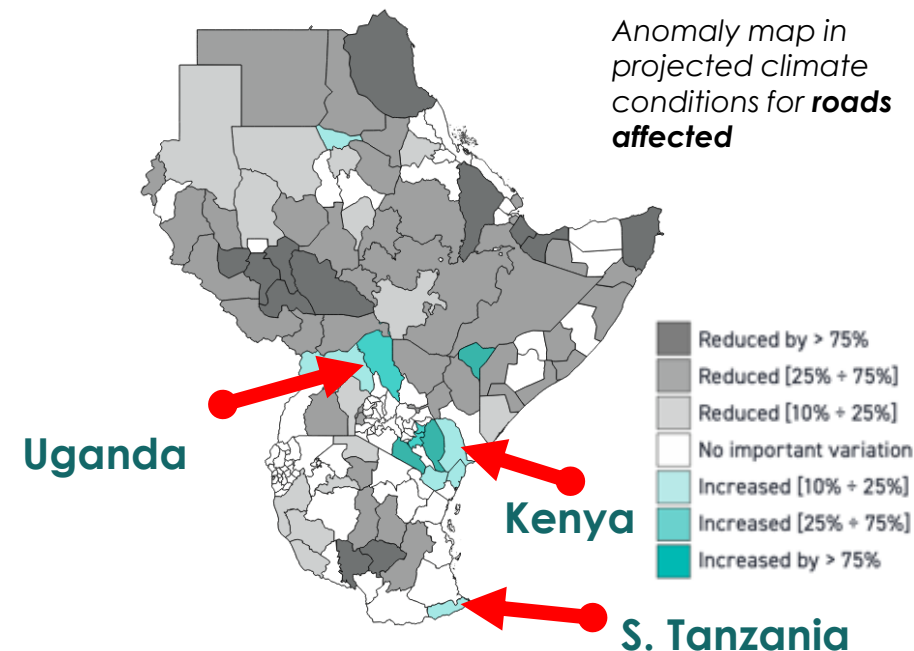
### RCP 8.5 climate conditions



**Overall decrease** of the roads affected by floods in the region



Exception in in **Kenya, Uganda, southern part of Tanzania and in one province of Sudan** ⇒ expected increase, up to 75% ok km of roads affected





# Thank You



# ICPAC