Hanoi

20% increase in hospitalisation and 45.9% for respiratory diseases

15% increase in hospitalisation for people with mental disorders

Forecast based Financing
Our Approach: Forecast-based Financing aims to anticipate disasters and reduce human suffering and losses.

Monitored forecasts instantly trigger a danger level warning when a set threshold is exceeded, and releases funds for regions under threat – before the disaster even happens.
HAZARD: Number of hot days & duration of heatwaves increased.

VULNERABILITY, CAPACITY & EXPOSURE:
- 55-78% experience symptoms of heat exhaustion.
- 67% DON’T know symptoms of heat stroke.
- Healthcare expenses = 1.5 to 2.5 daily income.
- Income reduced by 25% - 50%.
- 76% CANNOT recognize the signs of heat-related illnesses.
- Only 7% = stay in an air-conditioned place.

LEAD TIME
1. Probabilistic Temp Anomalies
   - 3 months
2. Deterministic Temp & Heat index
   - 1 month
   - 7 – 10 days
   - 3 days
TARGETING BENEFICIARIES THROUGH IMPACT BASED FORECASTING
VULNERABILITY & EXPOSURE:
- Lack of knowledge of heat stroke symptoms
- Healthcare expenses
- Reduced Income
- Lack of knowledge of signs of heat-related illnesses
- Lack of access to air-conditioned place

WELL-ADAPTED EARLY ACTIONS
- No Regret Early Actions for longer lead time (awareness campaign)
- More Specific Early Actions for shorter lead time (setup of cooled shelter/air-conditioning unit, CASH support, etc.)

Risk Assessments
Identifications of Forecasts
Definition of Impact Levels
Selecting Early Actions
Development of the EAP
Validation of the EAP
Monitoring of Forecasts
THANK YOU

www.forecast-based-financing.org
https://tinyurl.com/fbfready