



# LESSONS LEARNED FROM MADAGASCAR: ADDRESSING DROUGHT-INDUCED FOOD INSECURITY THROUGH FORECAST-BASED ACTION

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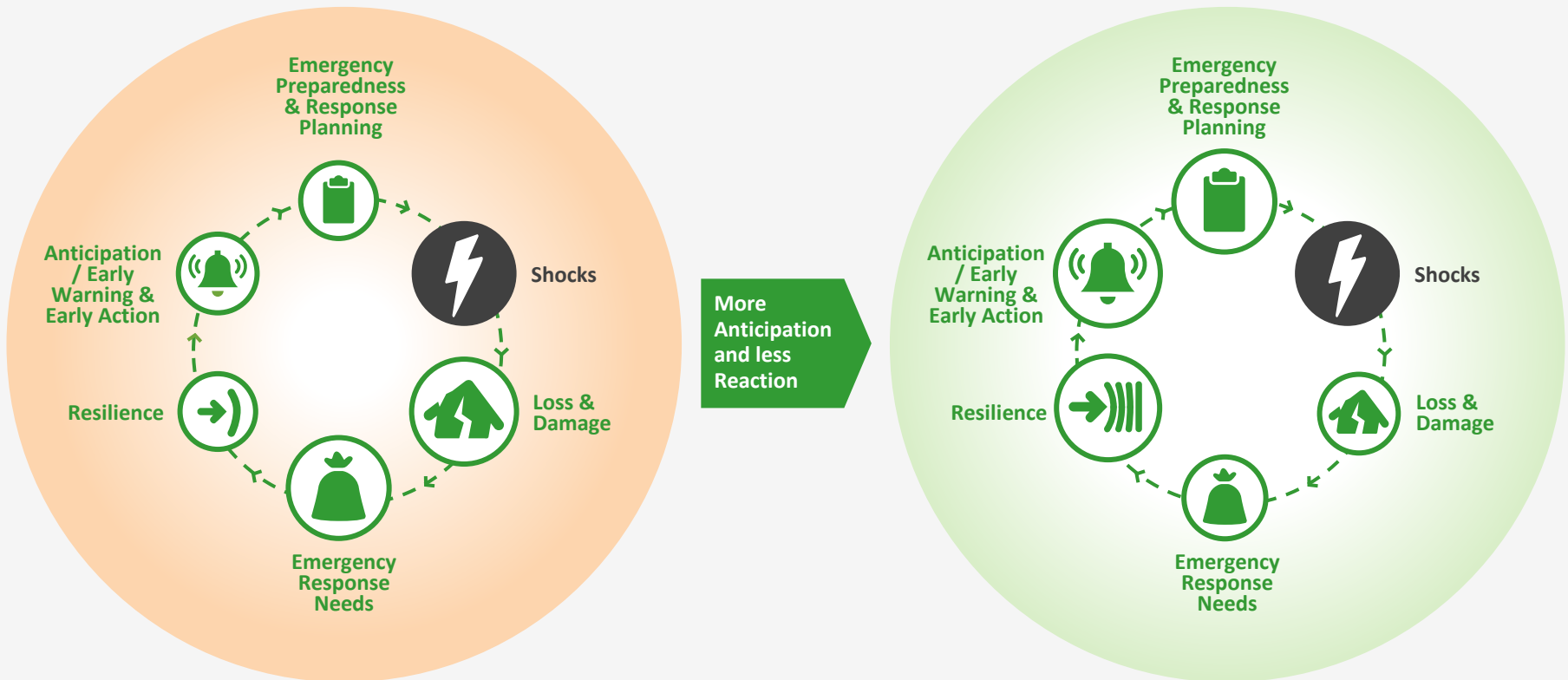


**FbA**

Forecast-based Action Programme  
by Welthungerhilfe

# HUMANITARIAN PARADIGM SHIFT AT WELTHUNGERHILFE

Towards more Anticipation



***More Anticipation and Preparedness for fewer losses and better response!***



# FORECAST-BASED ACTION PROGRAMME AT WELTHUNGERHILFE

## FbA Programme - Addressing drought-induced food insecurity



### Vision

- **Mainstreaming** Anticipatory Action in **Humanitarian Programming // Humanitarian Paradigm Shift**

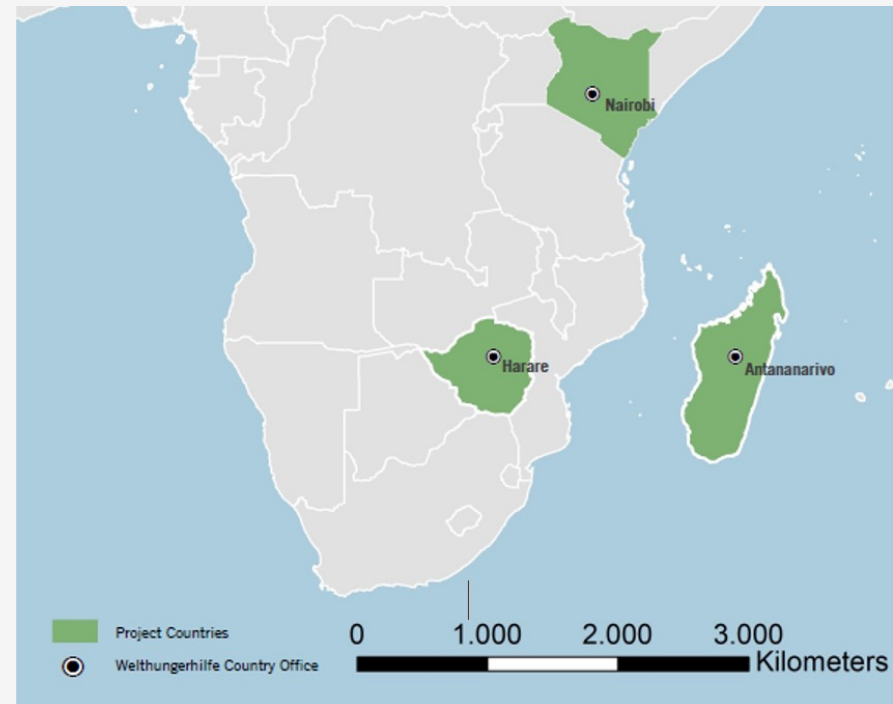
### Project Objective

- **Consolidate** the developed Forecast-based Action mechanism from the pilot project and **extend the Early Action Protocol (EAP) coverage in Madagascar**
- **Replicate** the FbA approach in **Zimbabwe and Kenya**

### Pilot Lessons Learned

- **Sensitization and involvement of governmental structures** on the functioning and relevance of the FbA mechanism
- **Enable (local) NGOs to engage** in the FbA sphere by becoming **EAP Custodians** for new EAP zones

**Project Funding:** Support of the GFFO  
**Project Duration:** Mar 2020 – Dec 2022  
**Project Countries:** Madagascar, Zimbabwe, Kenya



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FbA Programme - Addressing drought-induced food insecurity



***Inclusion of governmental structures such as the national Disaster Risk Management Authorities and local and national Meteorological Offices in i.e.:***

- Close Collaboration in Scientific Drought Model Development
- Joint EAP Development with Government and Community Stakeholders

***This will create a unique opportunity to rethink:***

- ✓ Coordination and Cooperation between Actors
- ✓ Data Sharing and Knowledge Transfer

Photo: Group Photo at workshop for validation of common FbA framework in Madagascar  
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# FORECAST-BASED ACTION PROGRAMME AT WELTHUNGERHILFE

FbA Programme - Addressing drought-induced food insecurity



*EAP Custodians\* and local partners will be involved in EAP Development and Implementation under the guidance and facilitation of Welthungerhilfe.*

*This will ensure:*

- ✓ Local Contextualization and Local Knowledge Inclusion
- ✓ Local Ownership for Sustainability
- ✓ Local Acceptance of the FbA approach
- ✓ Accountability

*\*EAP Custodians need to be Start Network members and their local partner organizations*

**Start Network Member Organizations are encouraged to apply in tandem with a local partner organization**

Photo: Early Cash in Madagascar: Group of local women is trained on mobile money services  
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# FORECAST-BASED ACTION PROGRAMME AT WELTHUNGERHILFE



## First Trigger in North Madagascar

### Drought Situation: First Trigger

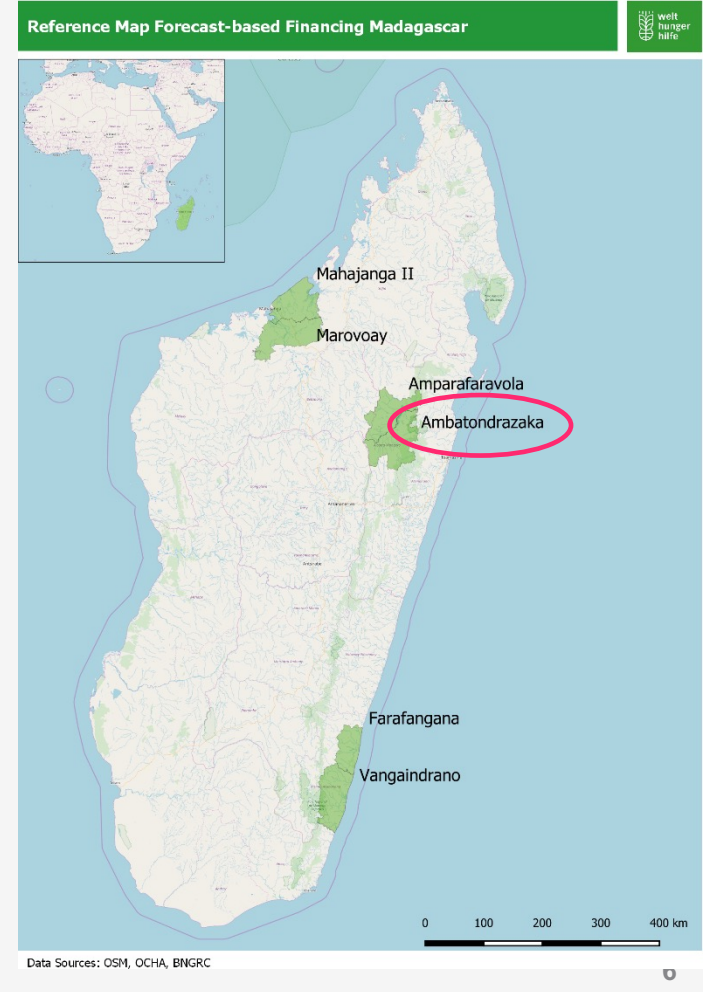
- Worst drought in decades in MDG, trigger in North MDG
- Low WRSI/HEA threshold was met → only most vulnerable were targeted

### Intervention Time

- May - November (Early Actions implemented before harvest up to lean season)

### Early Action

- Unconditional cash transfer (mobile money)



Forecast-based Financing Monitoring Tool							
Zone d'Intervention	Alaotra-Mangoro						
District	Ambatondrazaka						
Vulnerability	0.32						
Threshold	80.48						
Mois	Decadale	WRSI	No. People	Impact	Distance from Threshold	Monitoring	
Octobre	1	254	0	18.72	61.76	Observation	
	2	254	0	18.72	61.76	Observation	
	3	254	0	18.72	61.76	Observation	
Novembre	1	254	0	18.72	61.76	Observation	
	2	253	0	19.04	61.44	Observation	
	3	253	0	19.04	61.44	Observation	
Decembre	1	83	0	73.44	7.04	Observation	
	2	71	38413	77.28	3.2	warning	
	3	73	38413	76.64	3.84	warning	
Janvier	1	44	130015	85.92	-5.44	Activation	
	2	60	38413	80.8	-0.32	Activation	
	3	61	38413	80.48	0	Activation	
Fevrier	1	67.5	38413	78.4	2.08	warning	
	2	71	38413	77.28	3.2	warning	
	3	73	38413	76.64	3.84	warning	



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## First Trigger in North Madagascar



### Identify Coping Strategies

Predict **what** will happen **when**:

- Analyzing crop calendar, income sources and livelihoods during year
- Knowing what people are likely to do – Identifying entry points
- Identify positive and negative coping strategies to target
- ✓ **Participative Methods**
- ✓ Focus Group workshops
- ✓ Expert consultation
- ✓ **Research Projects**
- ✓ Real time observations
- ✓ Analyses of previous crisis

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### Early Cash as Early Action

Aim of **unconditional mobile cash distributions** is to **reduce the risks to food security and prevent negative coping strategies** including:

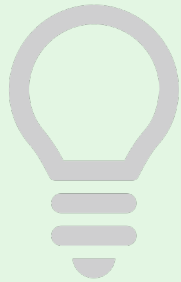
- ✓ Insufficient calorie intake through reduction of meals
- ✓ Intake of less preferred food
- ✓ Labour migration
- ✓ Increased school drop-out rate
- ✓ Non-sustainable firewood production

**10 US\$/month over period of 6 months**

- Support throughout the season (pre-harvest to lean season)
- Alignment w/ social safety net

# FORECAST-BASED ACTION PROGRAMME AT WELTHUNGERHILFE

## First Trigger in North Madagascar



## Trigger Lessons Learned

- EAPs cover zones not typically monitored for drought/FS indicators (North not as drought-prone as South) → without FbA scientific drought model dry conditions and forecasted FS decline would have probably not been detected in the North
- Standing SOPs with government enabled fast implementation of EAPs
- Early Cash intervention was welcomed by target communities
- Need for Information Exchange Improvements on trigger:
  - Formalization/Automatization of governmental stakeholder communication/information exchange
  - Community information campaigns explaining functioning of FbA, and the difference to merely reactive emergency response, making forecast information actionable.

Photo: Mobile Phone Distribution by WHH staff to enable mobile cash transfers  
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# FORECAST-BASED ACTION PROGRAMME AT WELTHUNGERHILFE



Q&A

**THANK YOU**



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