



World Food  
Programme

# Joint Venture

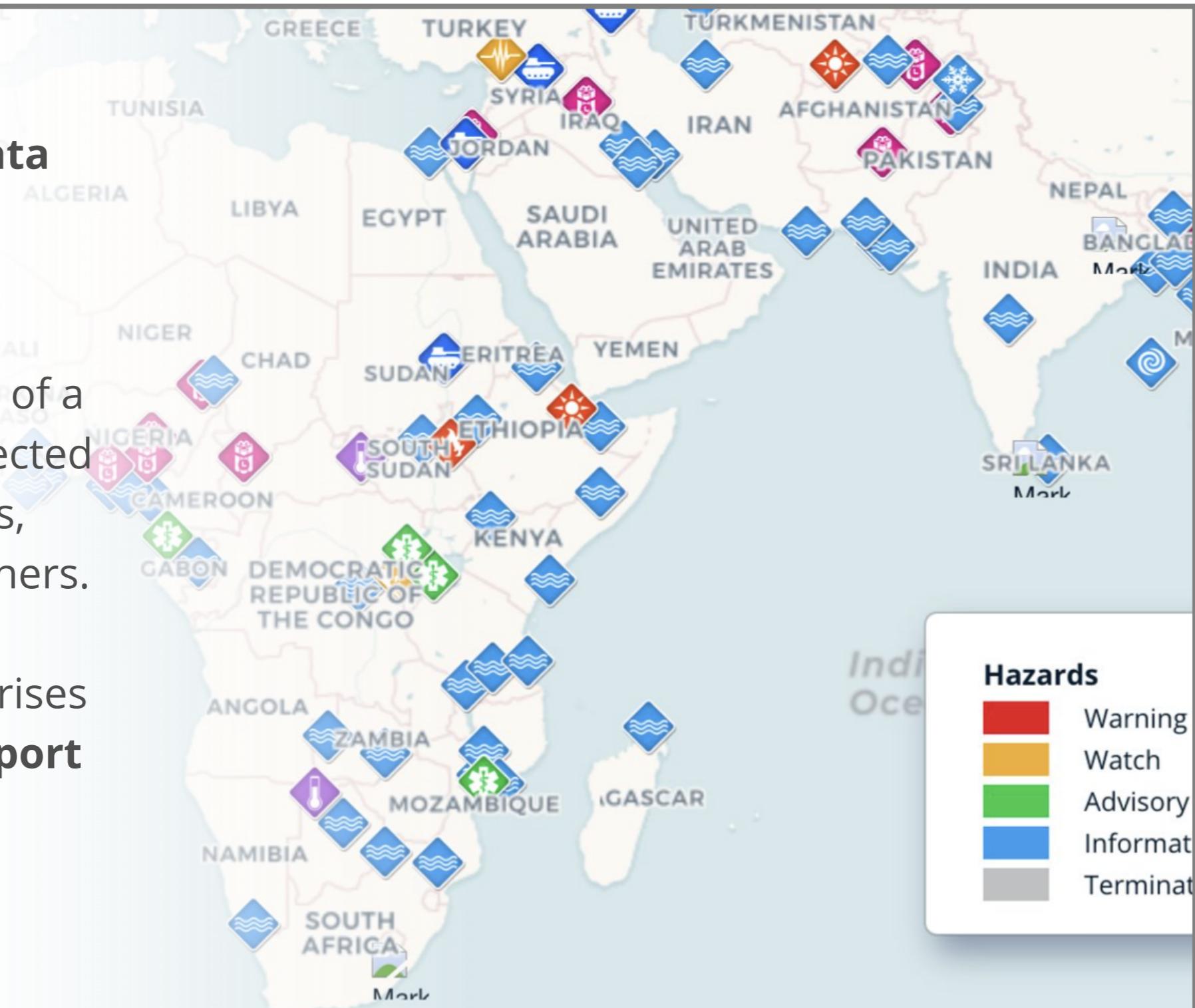
netlight



Reducing the impact of food shortages before they happen,  
by providing the right seeds to the right regions at the right time

# Crisis-Risk Forecast for Vulnerable Regions

- Based on **available WFP data sources**: Geospatial and Economical data.
- **Forecast the vulnerability** of a specific region on being affected by a **crisis**: Natural disasters, Political conflicts, among others.
- **Measure intensity** of the crises impact to prioritise the **support and actions**.



# Prevent Crisis Dashboard

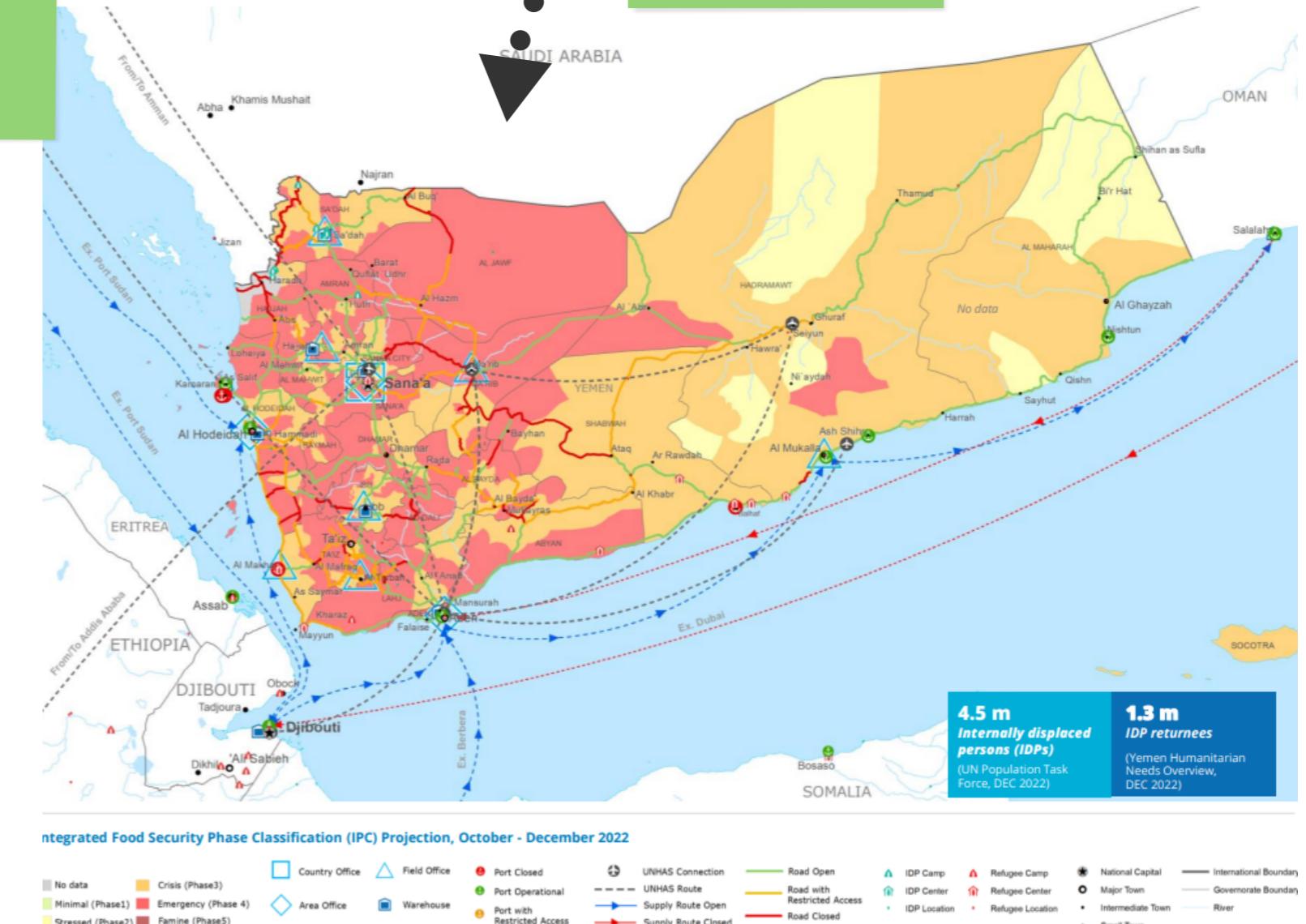
Predicted crises and recommended actions  
for WFP regional coordinators

AI model to predict the probability

Crisis	Region	Probability	Expected time	Suggested Actions
Drought	Kenia, East-Africa	76%	September '23	Change crop type 
Drought	X	74%	X	X 
Flood	X	55%	X	X 
Earthquake	X	X	X	X 
Drought	X	X	X	X 

As a user:  
Directly get  
suggested actions

Data from Earth  
observation



Find a logistics  
partner for the  
region

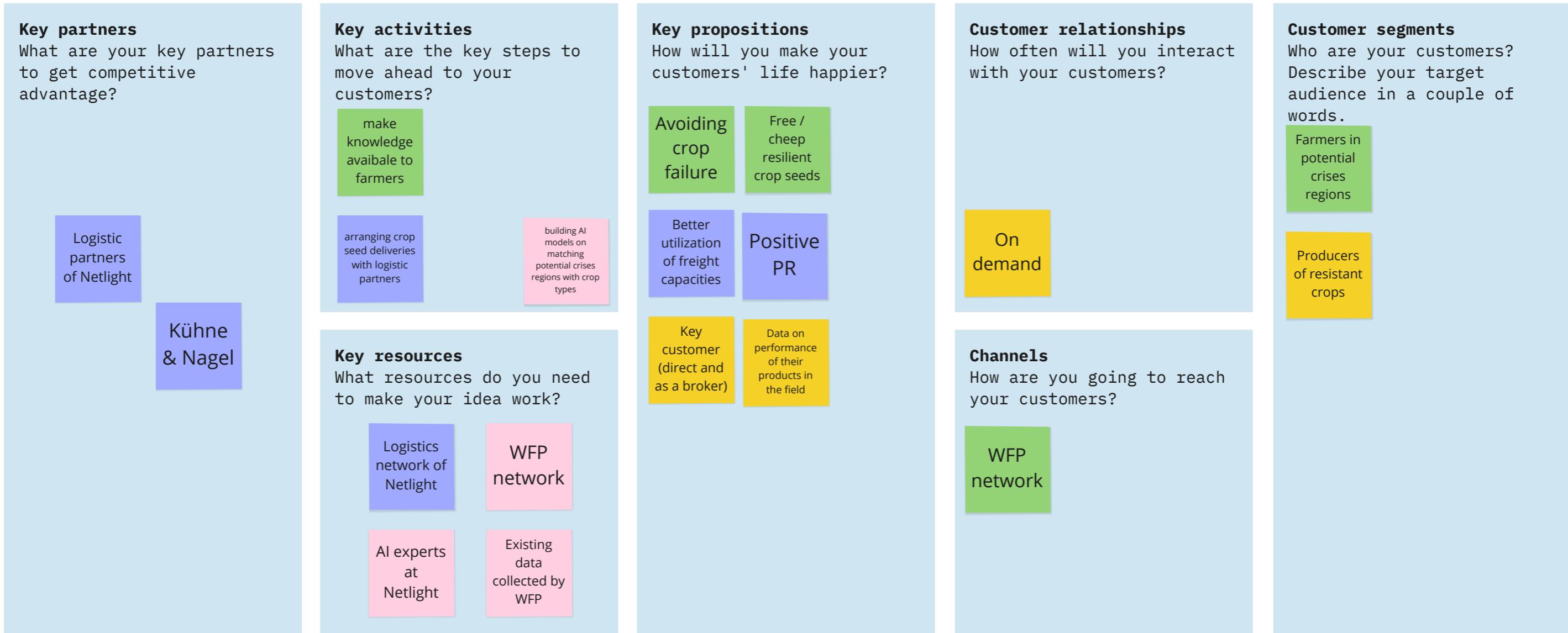
Reserve  
crop seeds

Inform local  
farmers

Partner ships the  
crop seeds to  
the region



# Why it is a win-win-win situation



We put the solution of  
the problem **first**

We have the data and the  
network to get started

Our MVP requires very little  
maintenance

We can build and test an  
**MVP** with regional  
coordinators very shortly