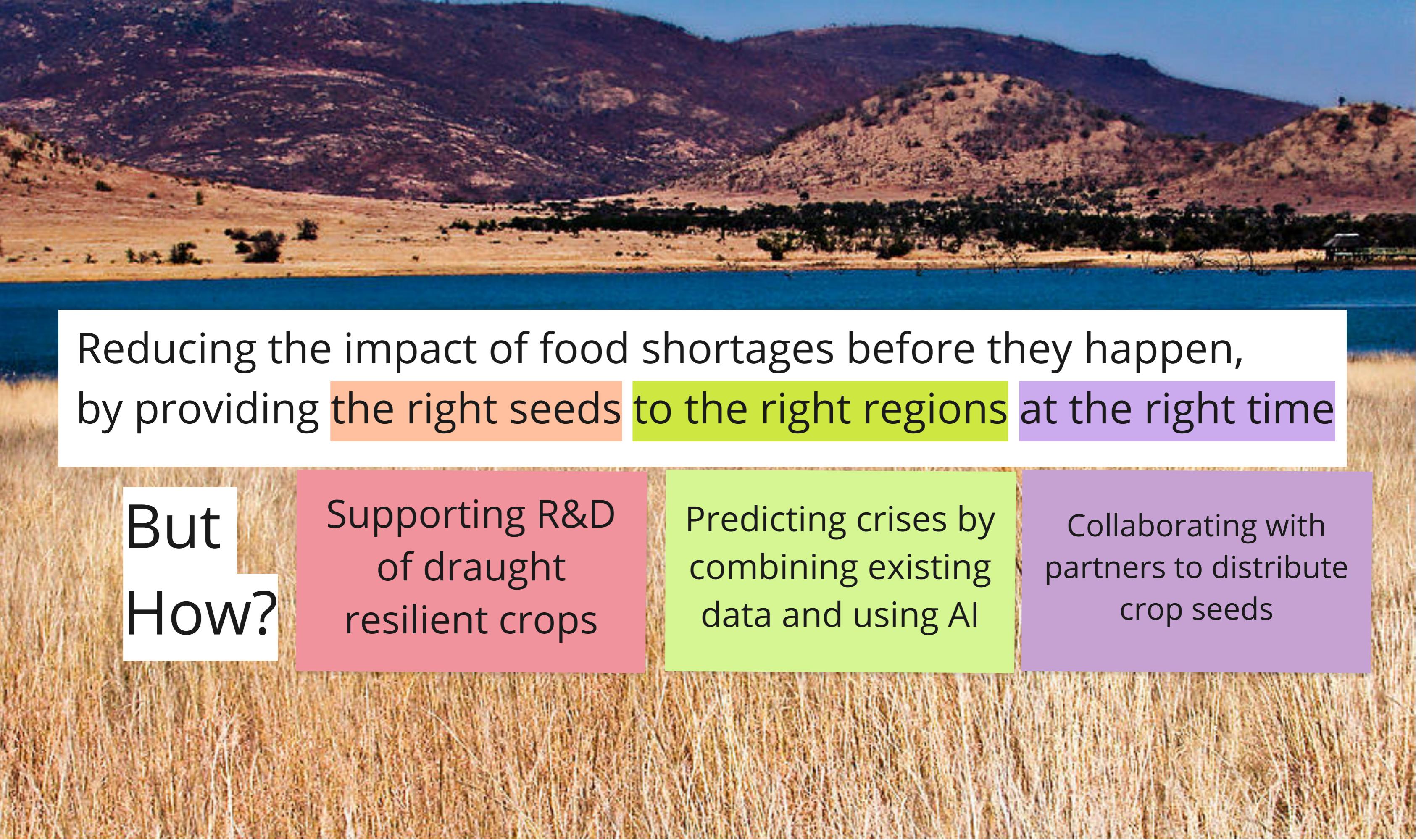




Supplying areas impacted by a food shortage with enough food
is a huge if not impossible logistical challenge to solve



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

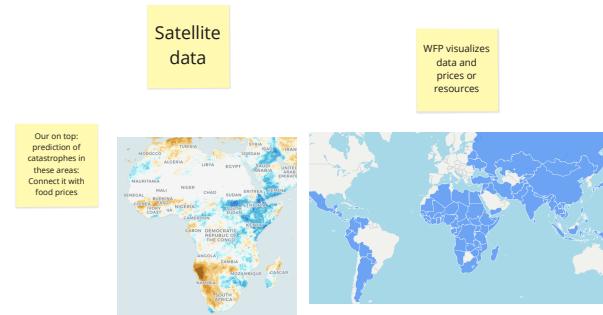
But
How?

Supporting R&D
of draught
resilient crops

Predicting crises by
combining existing
data and using AI

Collaborating with
partners to distribute
crop seeds

We will Connect the Dots



Temperature data & seasonality

Rainfall, droughts, floods information

Year	DIF	JFM	FMA	MAM	AMJ	MJL	JAS	ASO	SON	OND	NDJ
2010	1.9	1.2	0.9	0.4	-0.2	-0.7	-1.0	-1.6	-1.6	-1.1	-1.6
2011	-1.4	-1.1	-0.9	-0.3	-0.8	-0.4	-0.5	-0.6	-0.8	-1.0	-1.1
2012	-0.5	-0.2	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.2
2013	-0.4	-0.4	-0.3	-0.3	-0.4	-0.4	-0.5	-0.3	-0.2	-0.2	-0.3
2014	-0.5	-0.5	-0.5	-0.5	-0.6	-0.6	-0.7	-0.5	-0.3	-0.6	-0.7
2015	0.5	0.5	0.5	0.5	0.9	1.2	0.9	0.2	0.4	0.6	1.2
2016	2.6	2.1	1.6	0.9	0.4	-0.1	-0.5	-0.6	-0.7	-0.7	-0.6
2017	-0.8	-0.8	-0.7	-0.7	-0.2	0.0	0.1	0.2	0.3	0.3	0.3
2018	-0.8	-0.7	-0.7	-0.3	-0.2	0.0	0.1	0.2	0.3	0.3	0.3
2019	0.7	0.7	0.7	0.5	0.5	0.5	0.1	0.1	0.3	0.5	0.5
2020	0.5	0.5	0.4	0.2	-0.1	-0.3	-0.4	-0.6	-0.9	-1.2	-1.2
2021	-1.8	-0.8	-0.2	0.5	0.4	0.4	0.5	-0.7	-0.2	-1.3	-1.2
2022	-0.8	-0.8	-0.8	-0.4	-0.4	-0.4	-0.5	-0.6	-0.6	-1.0	-1.0
2023	-0.7	-0.4	-0.2	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.5	-0.5



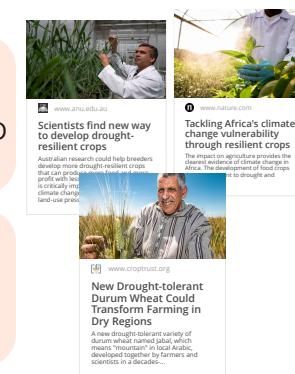
They exist

A lot of progress in R&D

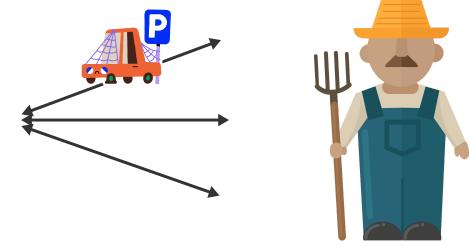


Limited availability

Expensive



Collaboration with freight forwarders, so WFP can **use partially-filled containers** to fill up them with seeds.



Using locals for decentralised last-mile delivery



Providing Last-Mile Delivery Services across Sub-Saharan Africa
Local agents deliver goods and services, which is something that has been missing in the market. This is a great opportunity for companies to enter the market and offer a range of services, from DIY hardware, small off-grid power