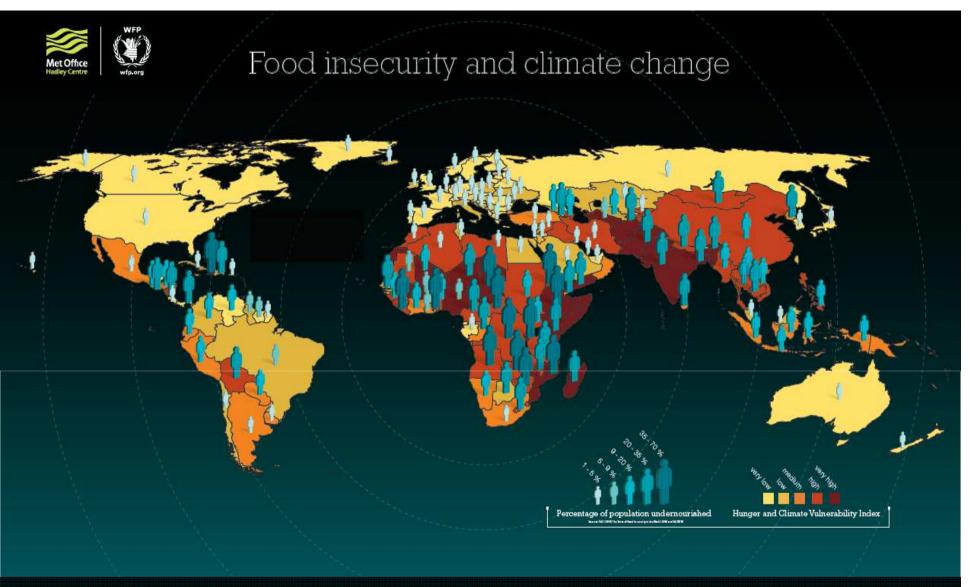


UNFCCC Expert Meeting on Loss and Damage

Addressing the impacts of slow onset events on food security





Climate risk is a significant challenge for food security

— it is projected that by 2050, 10-20% more people could be at risk of hunger due to climate risks

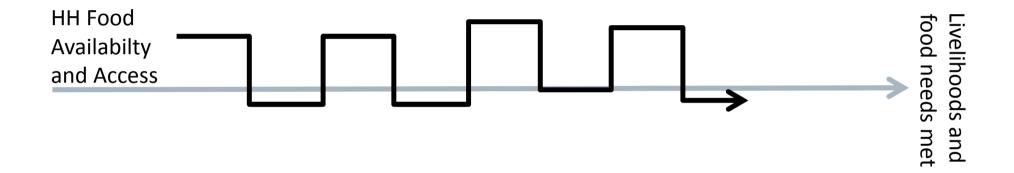
Climate change and food security

- 870 million people are undernourished.
- 600 million food insecure people live in highly degraded arid and semi-arid areas.

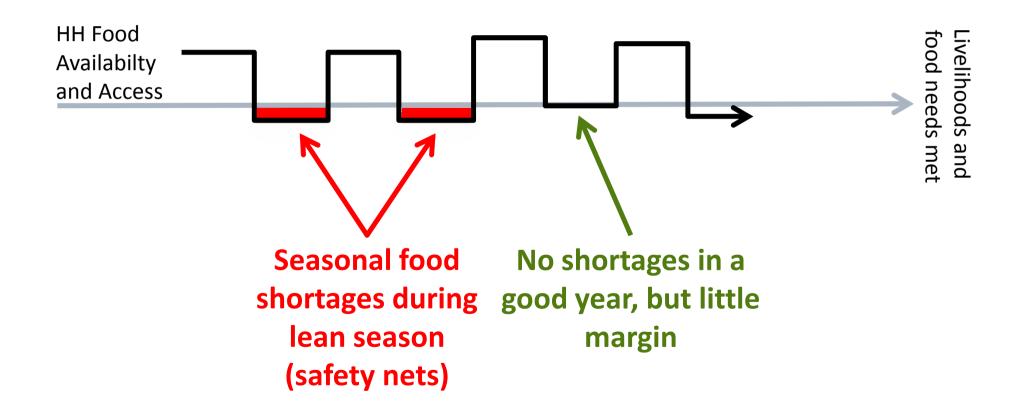


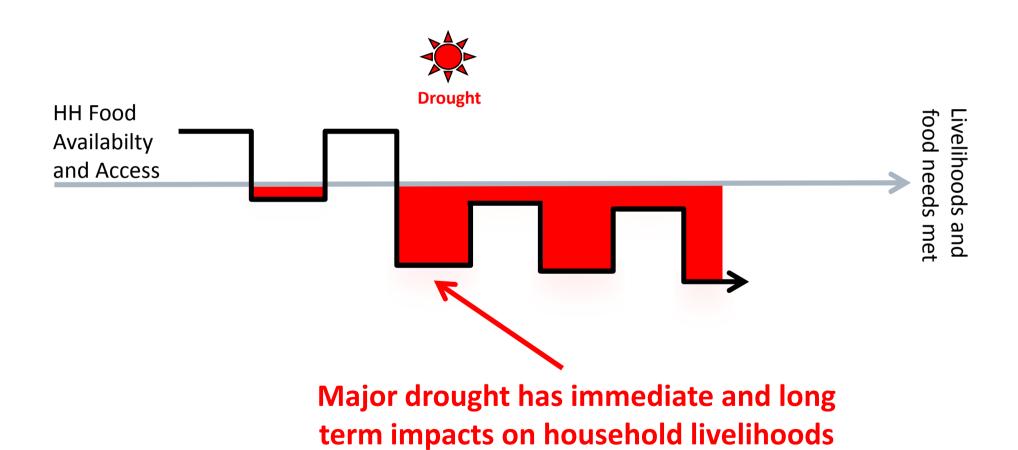


Cycle of livelihoods decline

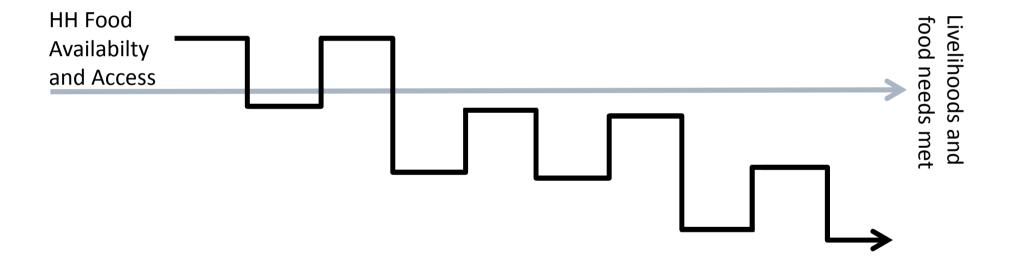


Cycle of livelihoods decline





Cycle of livelihoods decline



With increased climate risk, this pattern becomes even more difficult to manage

R4 Rural Resilience Initiative

LEARNING IN PROGRESS:
R4 Rural Resilience Initiative

Collaboration

The R4 Rural Resilience Initiative is a strategic collaboration between the World Food Programme and Oxfam America, with no commingling of funds. Each partner has its own sponsors as listed. R4 is inviting donors to support expansion.



The World Food Programme is the world's largest humanitarian agency fighting hunger worldwide.

Each year, on average, WFP feeds more than 90 million people in more than 70 countries.

www.wfp.org/disaster-risk-reduction

With support from







Oxfam America is an international relief and development organization that creates lasting solutions to poverty, hunger, and injustice, working with individuals and local groups in more than 90 countries. Oxfam America does not receive funding from the US government.

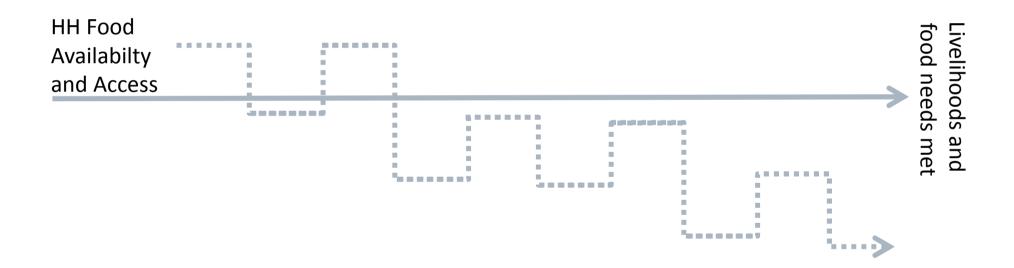
www.oxfamamerica.org/r4

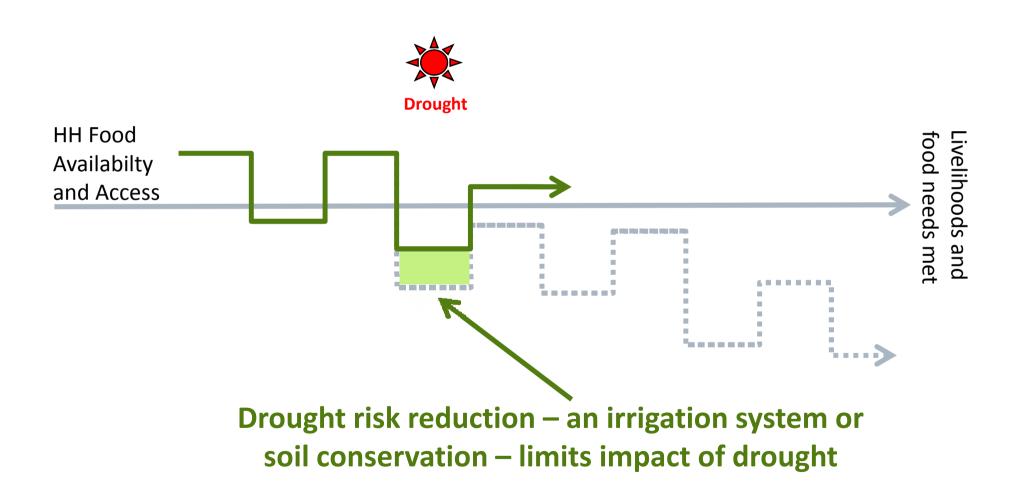
With support from

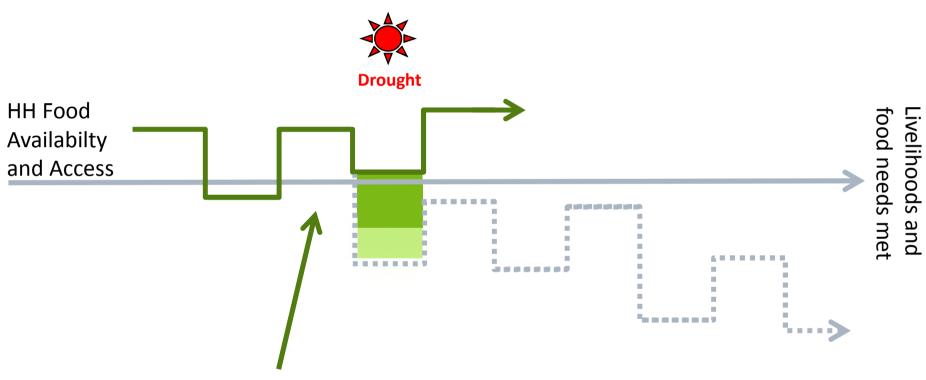
Swiss Re



R4 Rural Resilience Model

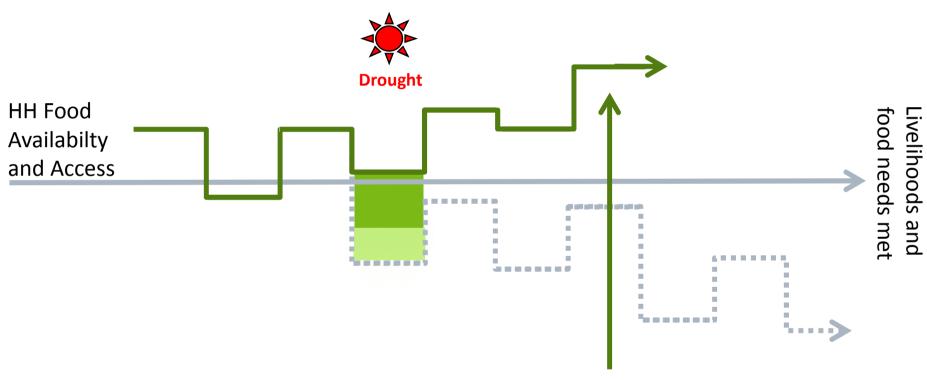






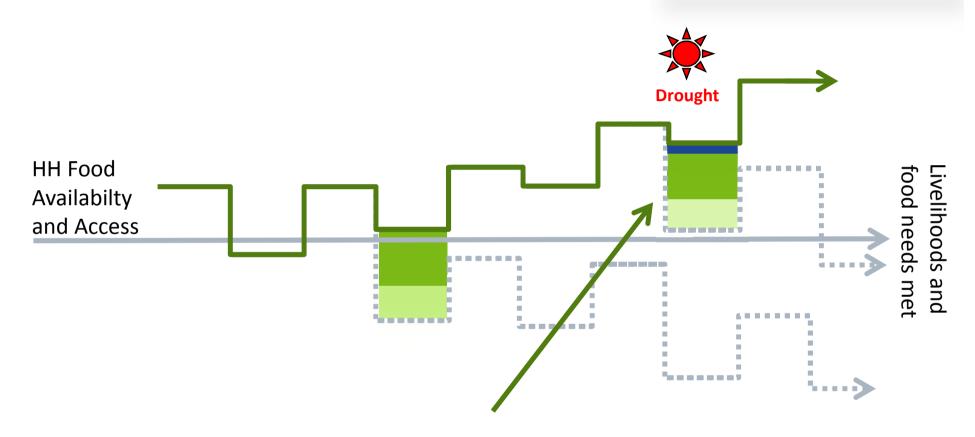
Insurance for Work policy pay-out helps meet needs during the drought

R4 Rural Resilience Model



Access to credit allows increased productivity, diversification and ability to save, protected by insurance

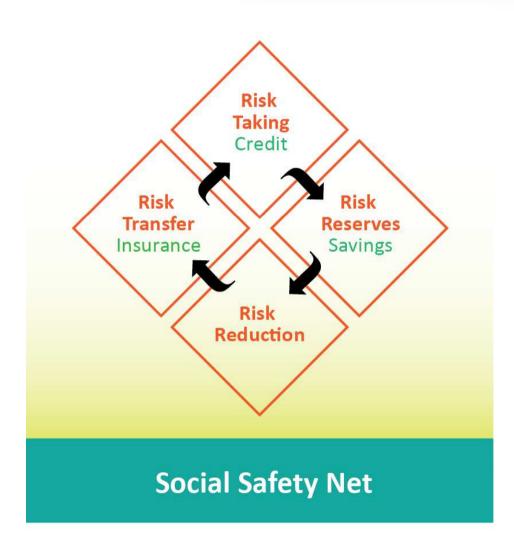
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Risk reduction, insurance and savings provide a resilient set of risk management tools to protect the food security that the household is building

The Four Rs

- Protect livelihoods and provide guaranteed transfers
- Reduce risks
- Help households build sustainable and resilient livelihoods
- Protect the gains households make with insurance



Scaling up to Senegal

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Year	2012	2013	2014	2015	2016
Participants		1,200	6,000	18,000	18,000

Done with partners from start

1. National level analysis

2. Local analysis and program design

3. Detailed component design

Integrated with MEL framework





Integrated climate risk analysis

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Livelihood zones

Population density

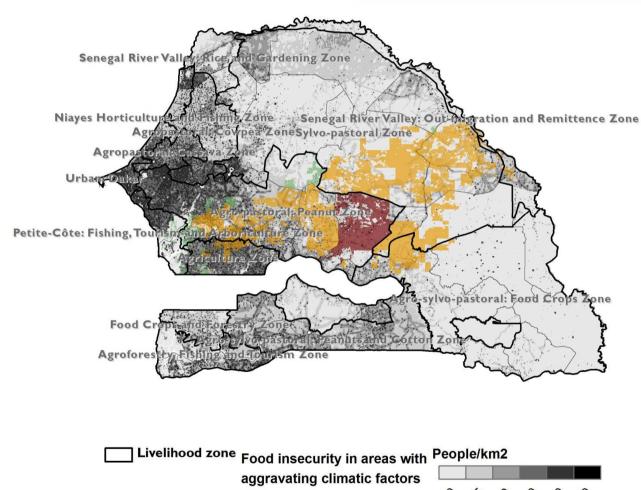
Frequency of poor growing seasons

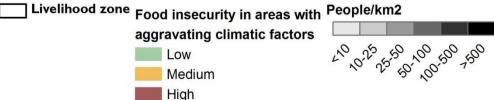
Dry spell length (average 1981-2011)

Food consumption score

Malnutrition rates (GAM)

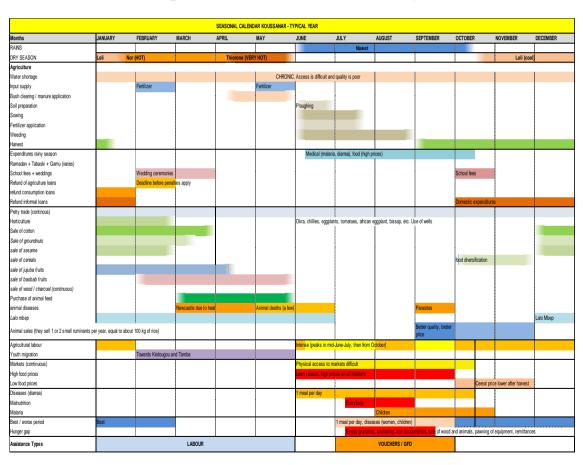
Wealth index





Participatory local planning

Linking seasonal livelihoods, risk analysis, and adaptation planning at the community level



- 18,959 farmers in 76 villages received purchased insurance.
- 33 villages offered insurance with a cash only option.
- 12,208 farmers in 45 villages got a USD 322,722 (5,809,890 Ethiopian Birr) in payouts – about 26 USD per person





Lessons from evaluations

- Index insurance appears to have a large impact on crop yields, but the data is not consistent.
- Significantly more farmers who bought insurance for the second time planned to plant different crops, use more fertilizer, and take out loans.
- Insurance impacted the use of family and hired labour for crop production. Client used less family labour and were more likely to hire labour and plow oxen.





- The most food insecure people do not have the capacity to manage climate risk today.
- Social protection systems and safety nets are effective mechanisms to reach the most vulnerable.
- Improved emergency preparedness and response, including early warning systems, must be linked to effective early response mechanism
- Integrated climate risk management systems are more complex to develop and need sustained support.
- Climate risk assessments must link to livelihoods and participatory planning.

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Thank you!

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