

Ending Hunger: Can we achieve humanity's elusive goal by 2050?

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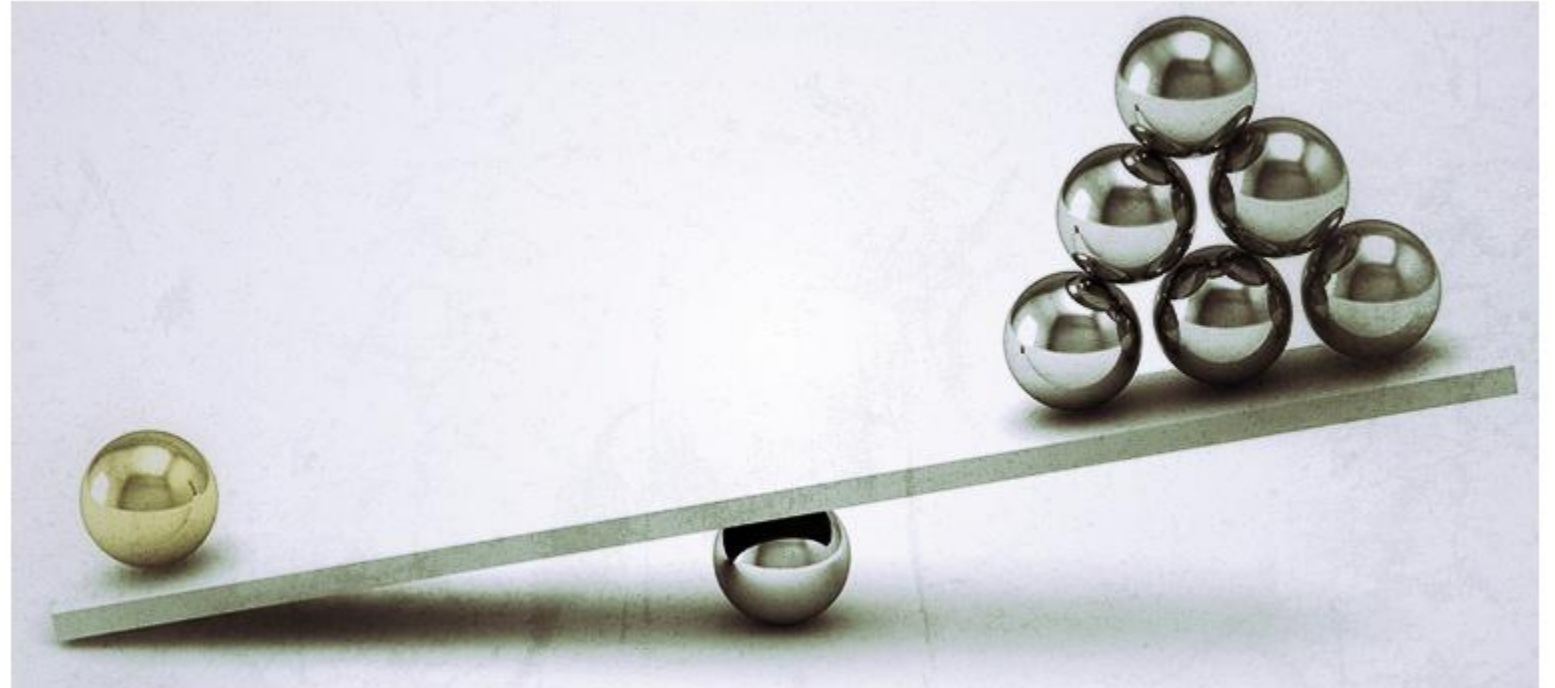


The Oxford Farming Conference
Oxford University, 6/7 January 2016



Yes, but we need **more** with less

- ✦ More **food** with less resources
- ✦ More **productivity** and less environmental impact
- ✦ More **income** and less poverty





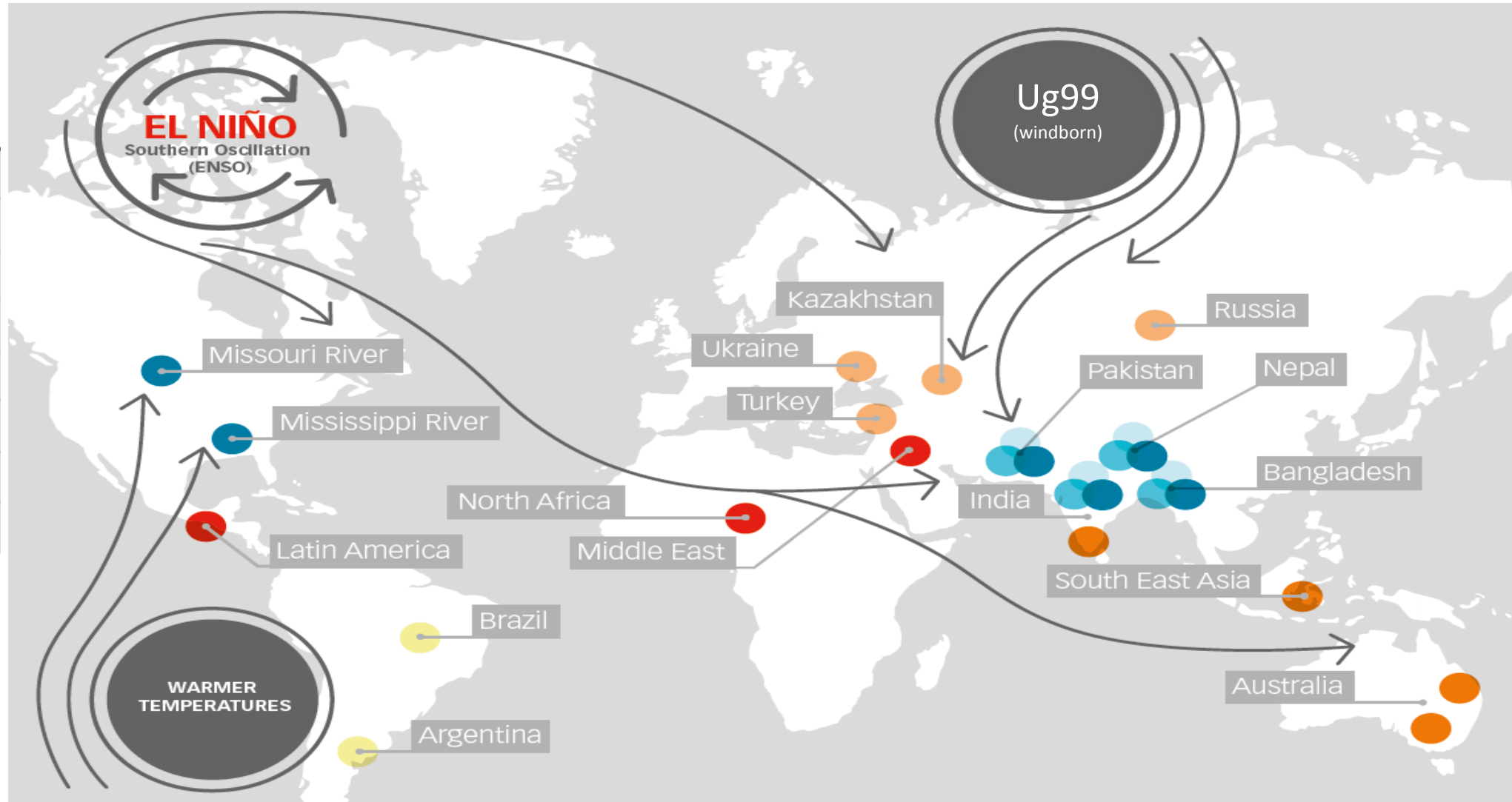
A Global Food Company

MARKET
“THE NEW
CONSUMER”



Lloyds food system shock scenario

Key	
Flooding	●
Food Riots	●
Crop Epidemic	●
Farms Suffer	●
Torrential Rainfall	●
Landslides	●
Severe Drought	●



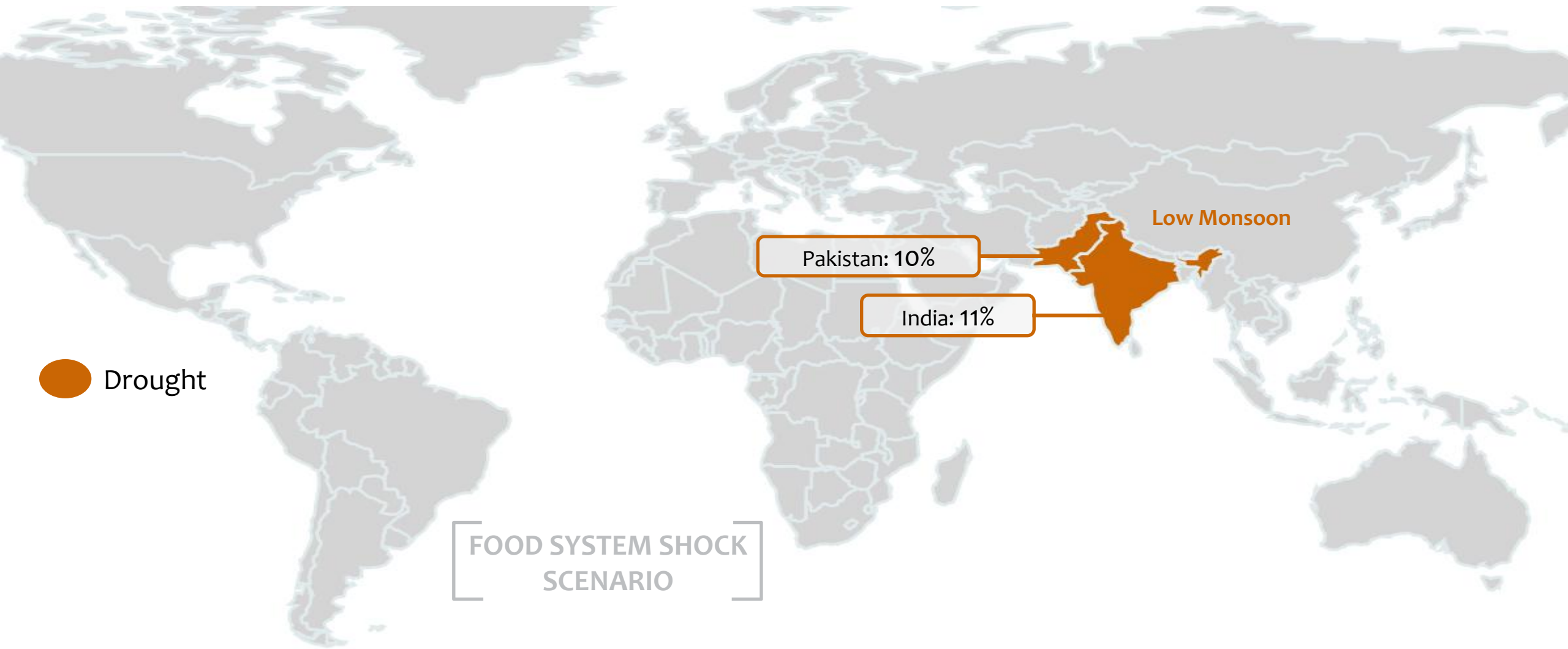
Wheat production losses



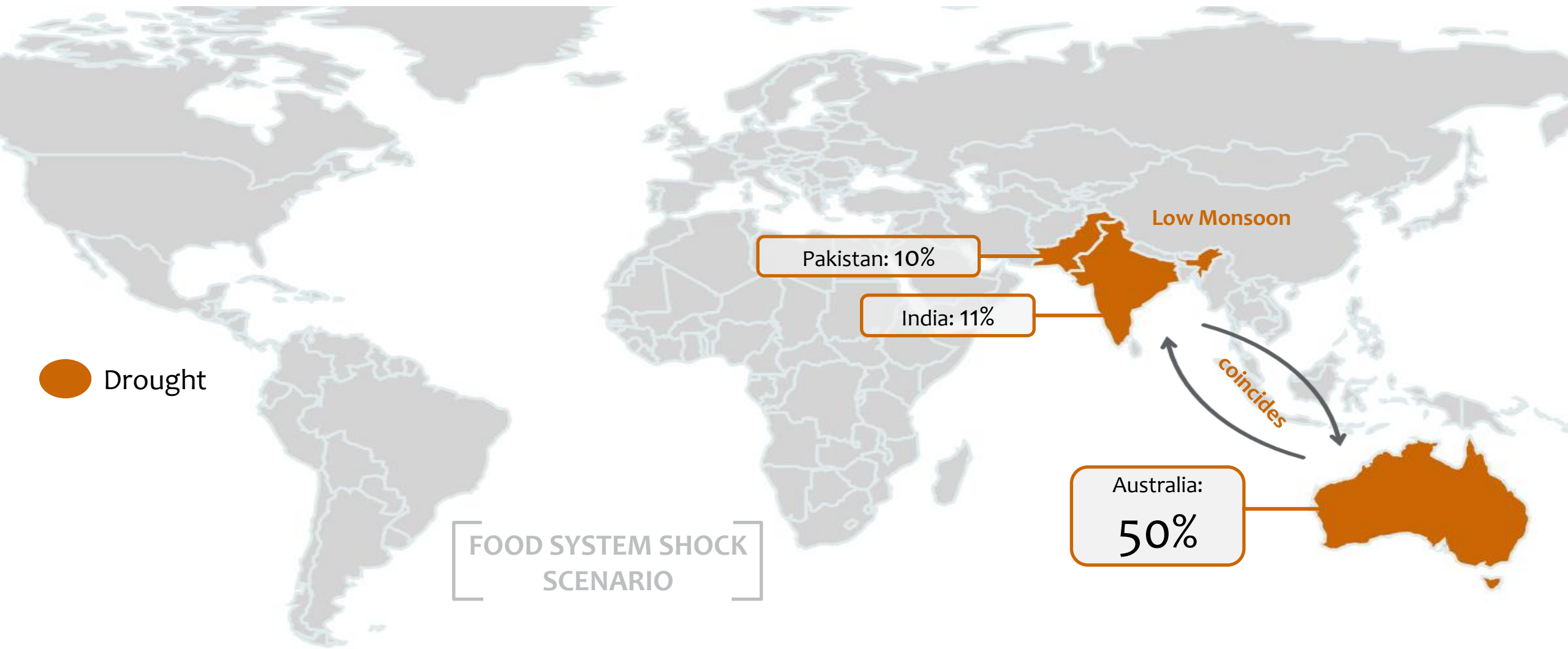
FOOD SYSTEM SHOCK
SCENARIO



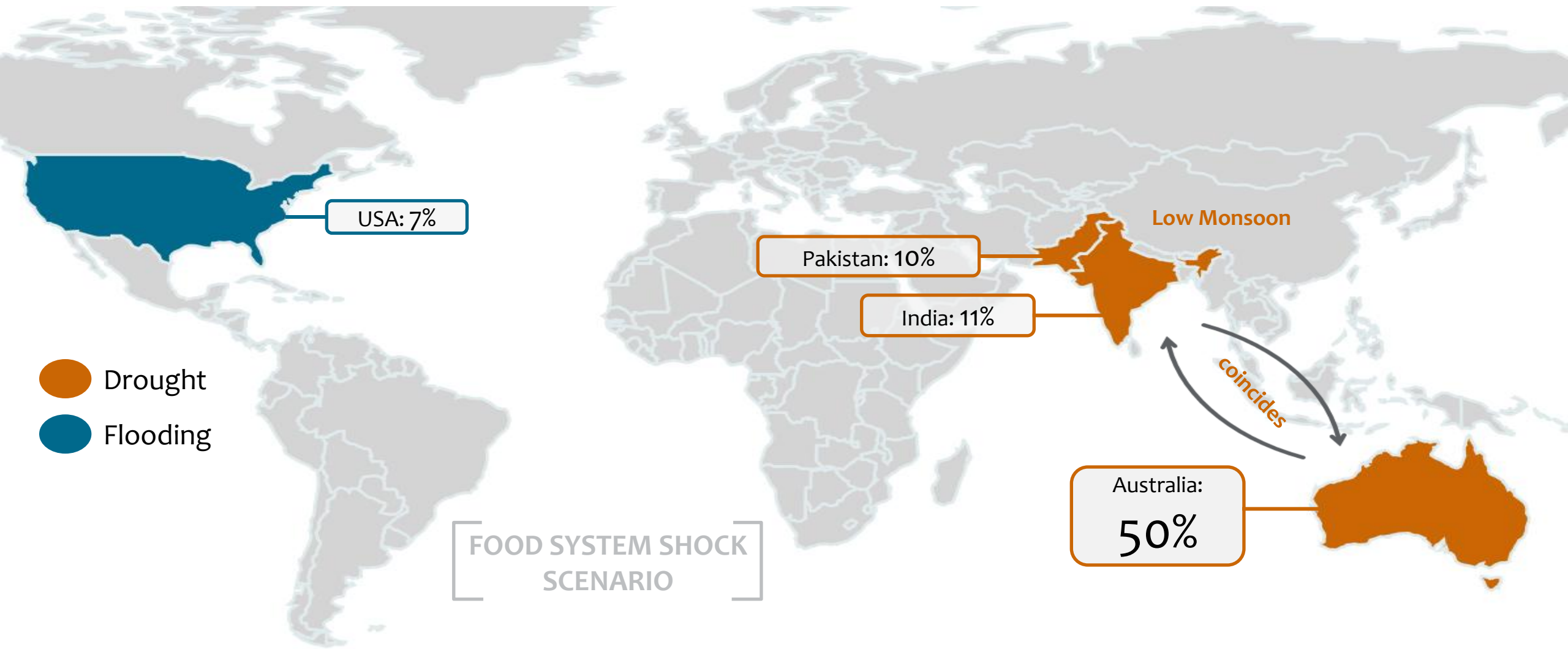
Wheat production losses



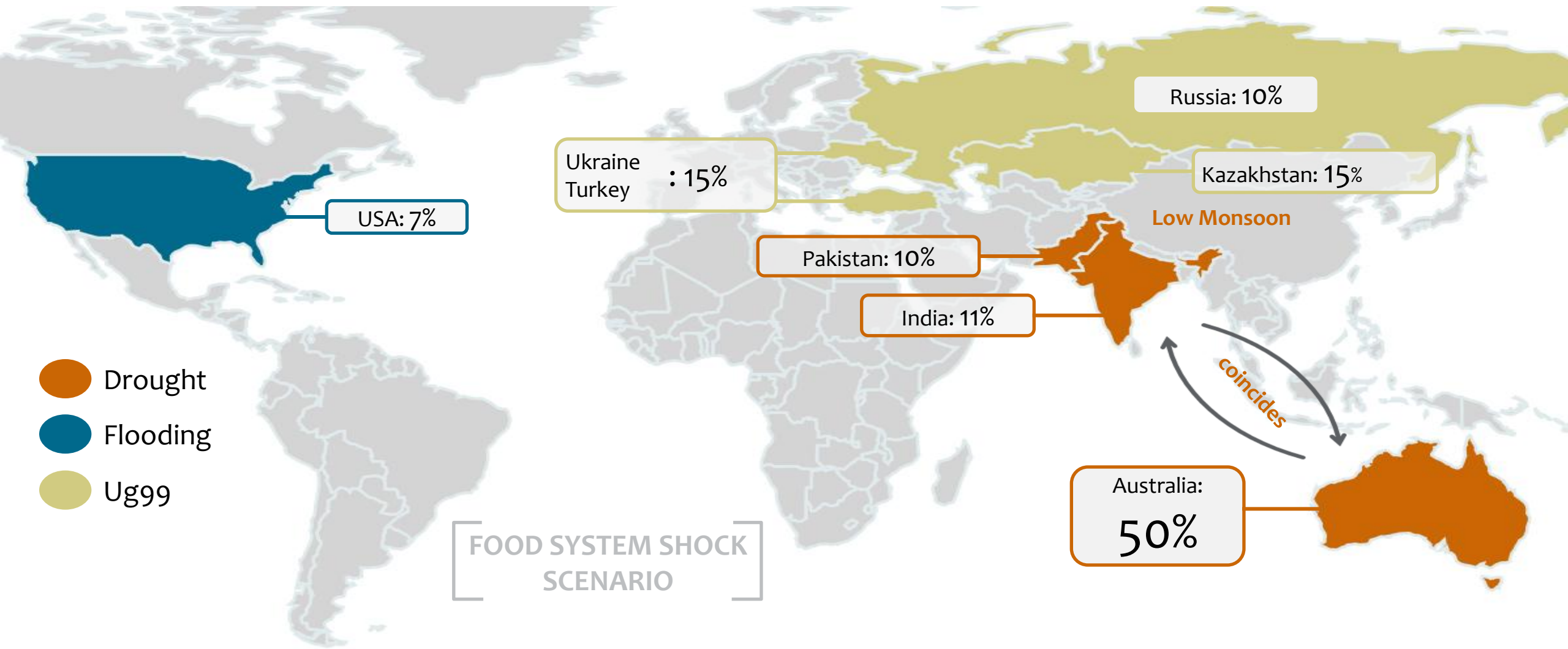
Wheat production losses



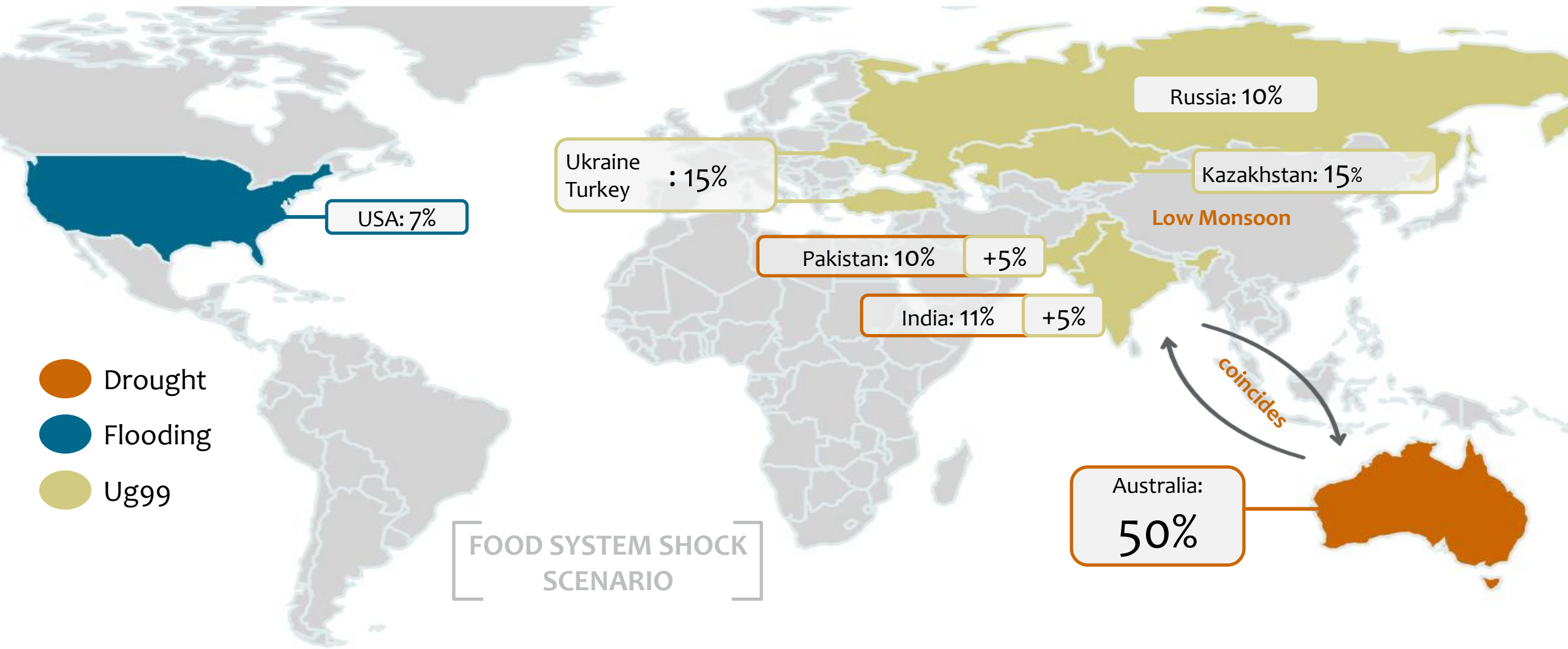
Wheat production losses



Wheat production losses

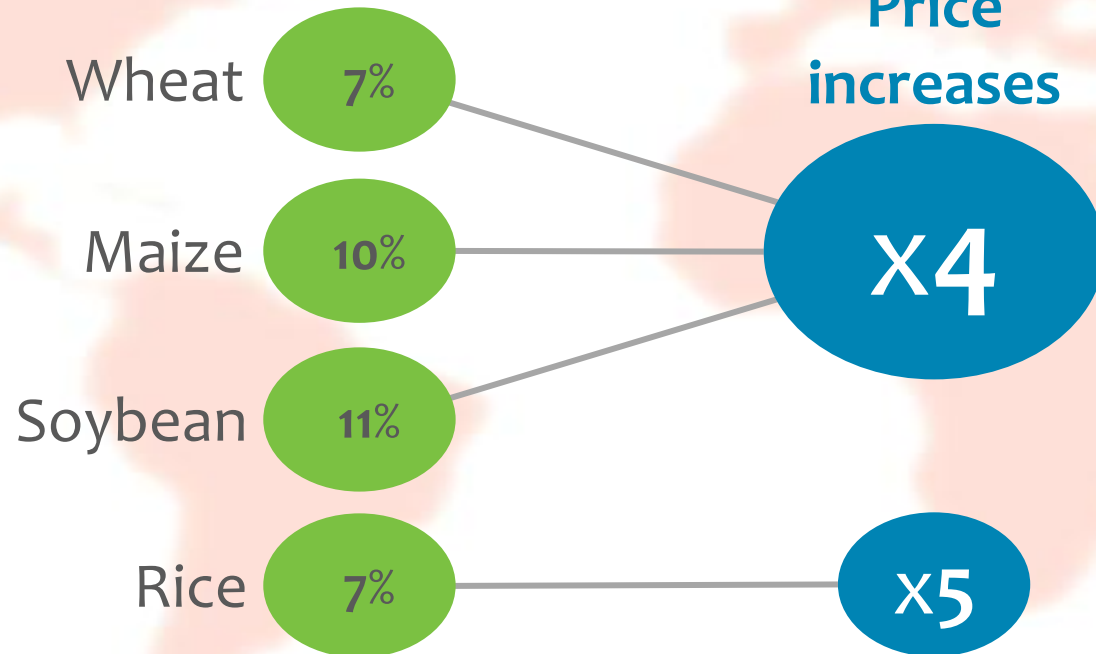


Wheat production losses



Impacts

Global production losses



Human cost

✚ Humanitarian crisis

☀ Food riots

↓ Stock market losses
10% in EU
5% in US

How?

★ Sound **agronomy**
and **crop science**



★ Innovative
agricultural
technologies

★ Enabling **public policies**

By implementing a sustainable intensification strategy



Crop science to INCREASE



↑ Disease resistance

↑ Nutritional value



↑ Yield potential

↑ Heat and drought tolerance



Sound agronomy for



- ▶ Efficient use of natural resources
- ▶ Soil and environmental conservation
- ▶ Sustainability



Growing
improved crops
without
agronomy is
like running a
sports car on
gravel roads



There is more technology in a vending machine than in a planter





Veronica

Vic

Wes

Whitney

Will

Yesenia

How can you help?

Train

Innovate

Specialize



Thank you!

Let's make agriculture sexy

