Food Systems and Climate Change The need to manage demand

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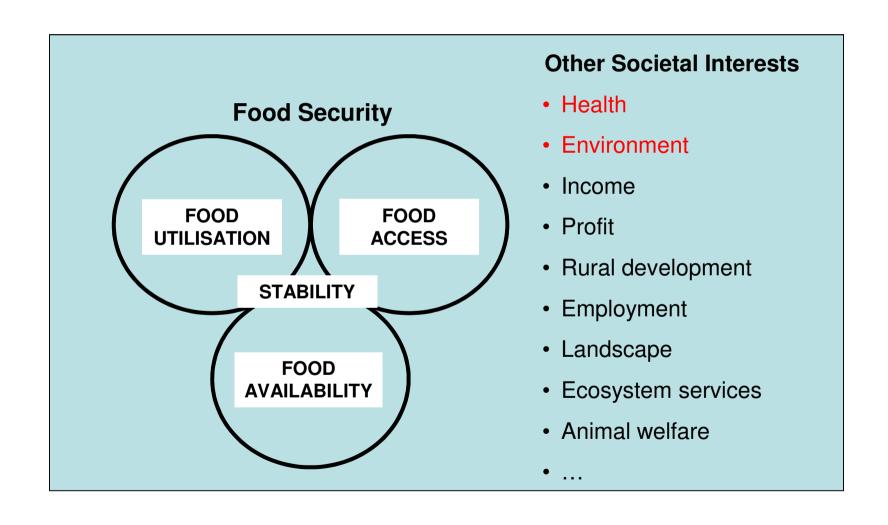
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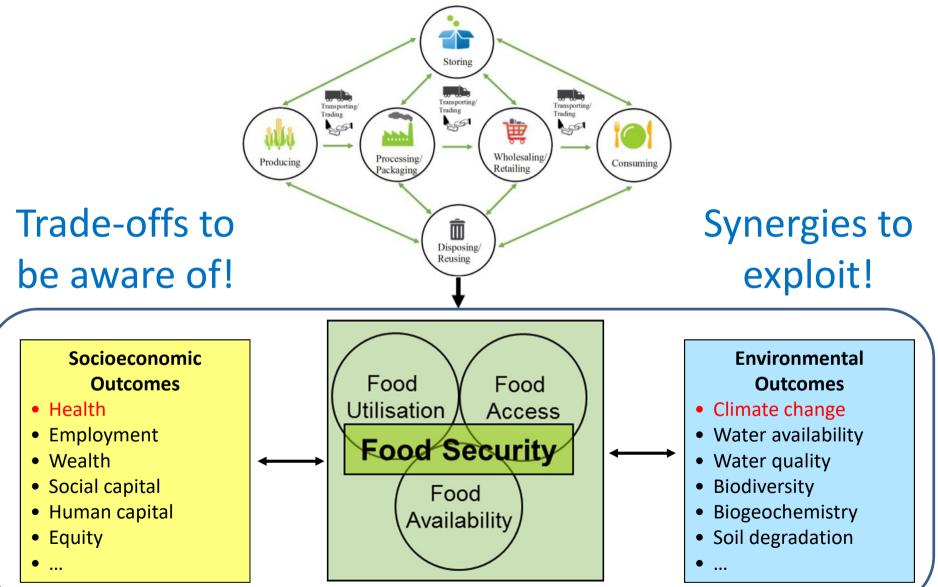




So what do we want from Food Systems?



'Activities' and 'Outcomes': Balancing the 'What We Want' with the 'What We Do' and the 'What We Get'



We know the current impact of food system activities the global environment

- Soil 33% degraded
- Fresh water 20% aquifers overexploited
- Biodiversity 60% of loss

Marine resources 29% over-fished; 61% fully-fished

And pollution: chemicals, plastics, litter, ...





So what's coming down the track and for whom?



How will Interacting Stresses and Shocks Impact the Food System?

Stress pressure or tension exerted on a system	Shock sudden surprising event affecting a system
Climate change	Extreme weather
Social & cultural norms	Election and Referenda results
Natural resource degradation	Food scares
Demography	Trade wars
Urbanisation	Geophysical events
Automation	Pandemics
Science & technology	
Geopolitics	

The 'Syndemic' Obesity, Undernutrition and Climate Change

THE LANCET

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The Global Syndemic of Obesity, Undernutrition and Climate Change: The Lancet Commission report



"The Global Syndemic represents the paramount health challenge for humans, the environment, and our planet in the 21st century."





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Looking ahead... Extrapolated calorie consumption

