



Waste not, want not - how do we improve sustainability throughout the food chain?

Dr Jude L. Capper



*“The future of humanity and indeed,
all life on earth, now depends on us.”*

Sir David Attenborough



Slide created and photo by Dr Jude L. Capper. 2022. Quote from: Attenborough (2020) <https://www.bbc.co.uk/newsround/51131823>

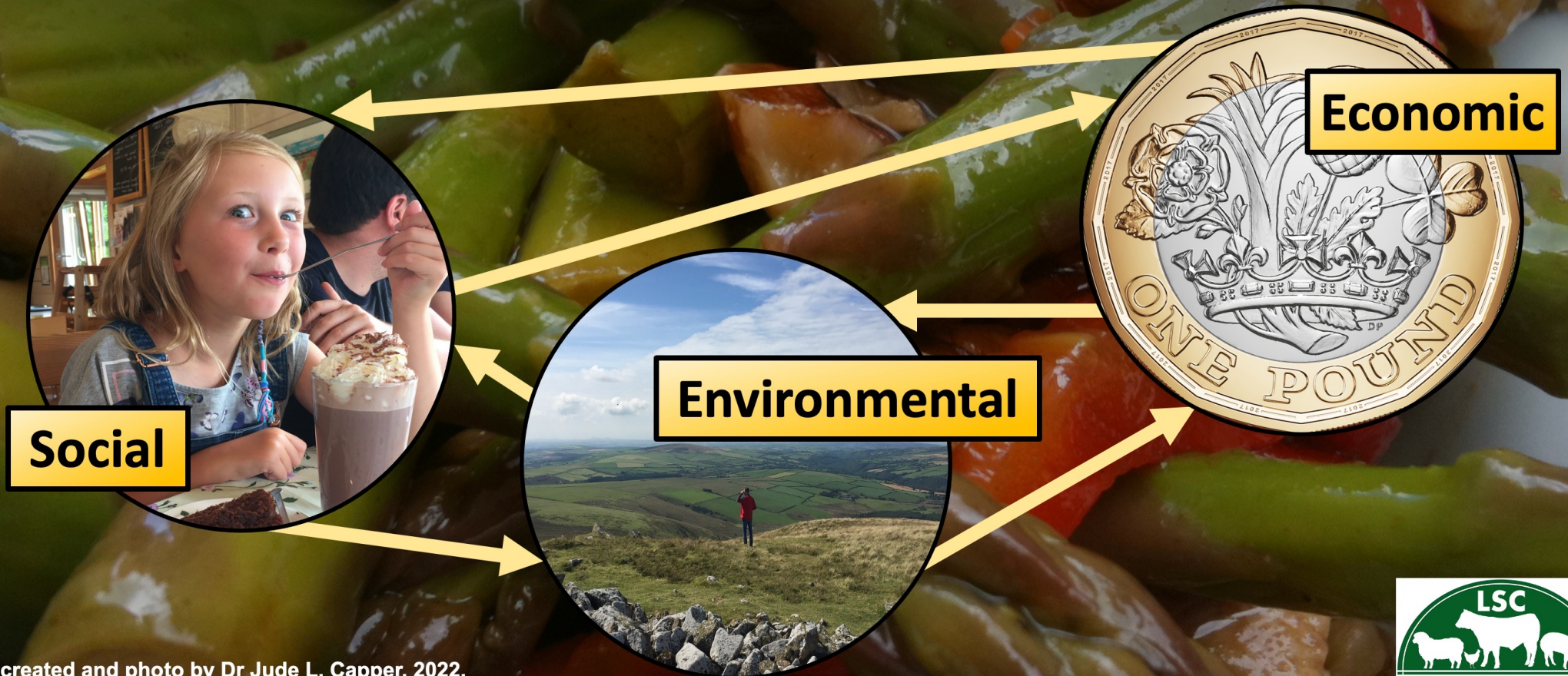
**We need a sustainable, secure food system.
Sustainability = healthy people, animals and ecosystems**



Slide created and photo by Dr Jude L. Capper. 2022.



Sustainable food systems balance economic viability, environmental responsibility and social acceptability



**13.1 million tonnes of food are wasted in
the UK each year**

Slide created and photo by Dr Jude L. Capper. 2022. Data from DEFRA (2021) Official Statistics: United Kingdom Food Security Report 2021: Theme 2: UK Food Supply Sources.



27% of food is wasted before it leaves the farm gate

Slide created and photo by Dr Jude L. Capper. 2022. Data from DEFRA (2021) Official Statistics: United Kingdom Food Security Report 2021: Theme 2: UK Food Supply Sources.



**23% of food is wasted within the retail and
hospitality sectors**

Slide created and photo by Dr Jude L. Capper. 2022. Data from DEFRA (2021) Official Statistics: United Kingdom Food Security Report 2021: Theme 2: UK Food Supply Sources.



Making surplus food more affordable cuts waste from retail and hospitality



DISCOVER

Search for unsold food near you

HOW IT WORKS



COLLECT

Buy and collect it for a great price



ENJOY

You've saved great food



50% of UK food waste occurs at the household level



Slide created and photo by Dr Jude L. Capper. 2022. Data from DEFRA (2021) Official Statistics: United Kingdom Food Security Report 2021: Theme 2: UK Food Supply Sources.



Reducing waste helps to feed the hungry –
6% of people are in food-insecure households

CITY HARVEST RESCUES



FOOD

16,541 tonnes
food rescued



PEOPLE

39,164,732 meals
delivered



PLANET

62,854 tonnes GHG
emissions prevented



We only have one planet – let's not waste it



Slide created and photo by Dr. Jude L. Capper. 2022.



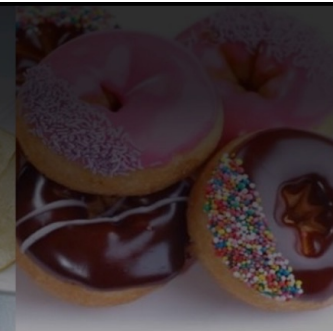
>60% of UK farmland is unsuitable for crop production



Slide created by Dr. Jude L. Capper, 2022. Data from DEFRA, 2020. Farming statistics - provisional crop areas, yields and livestock populations at 1 June 2020 – United Kingdom.



Livestock turn food by-products that we can't or won't eat into milk, meat and eggs



Slide created and photo by Dr. Jude L. Capper. 2022.



Can we encourage UK consumers to eat the “5th quarter”?

Slide created and photo by Dr. Jude L. Capper. 2022.



How do we encourage consumers to place more value on food?



Slide created and photo by Dr. Jude L. Capper. 2022.





Dr Jude L. Capper
Jude@livestocksustainability.com
www.bovidiva.com/presentationlinks

