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21st century enlightenment



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Commission

Our Future in the Land

Radical and practical transformations for food, farming and the countryside





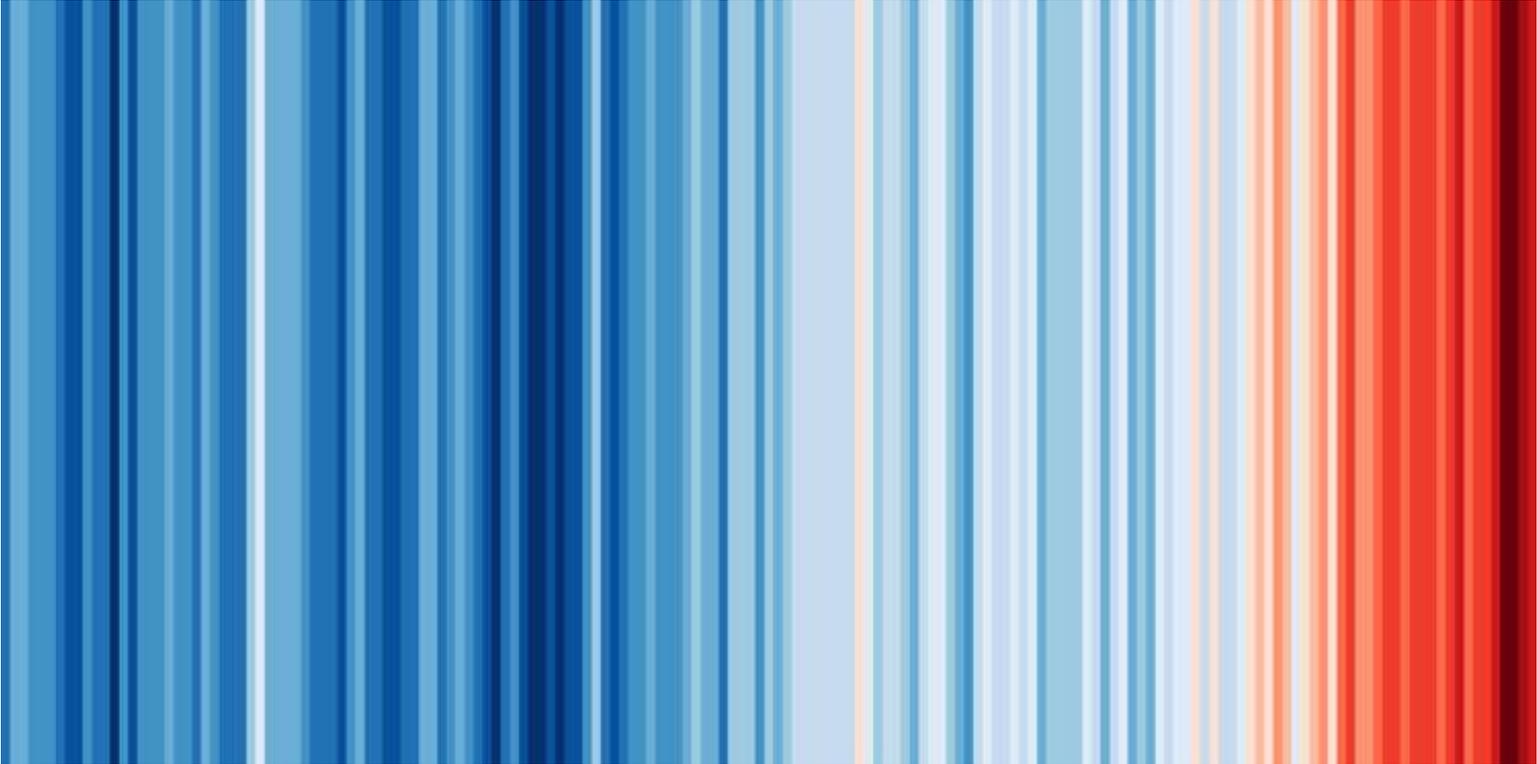
Climate change happening now



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Average UK temperatures 1860-2018





“a small number of commodities, grown as cheaply as possible, in ‘outdoor factories’, for global markets”



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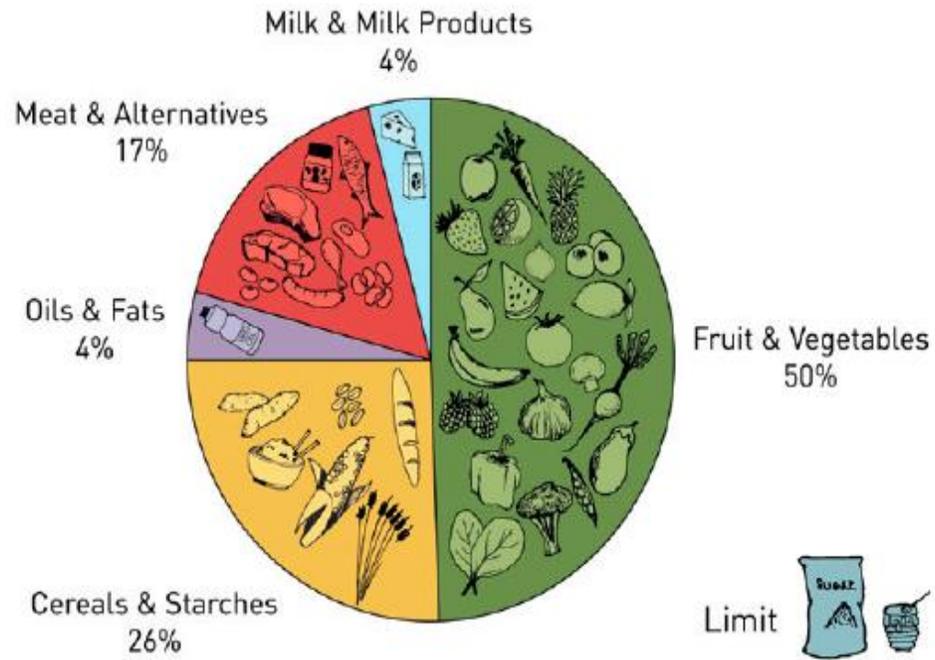
This has consequences



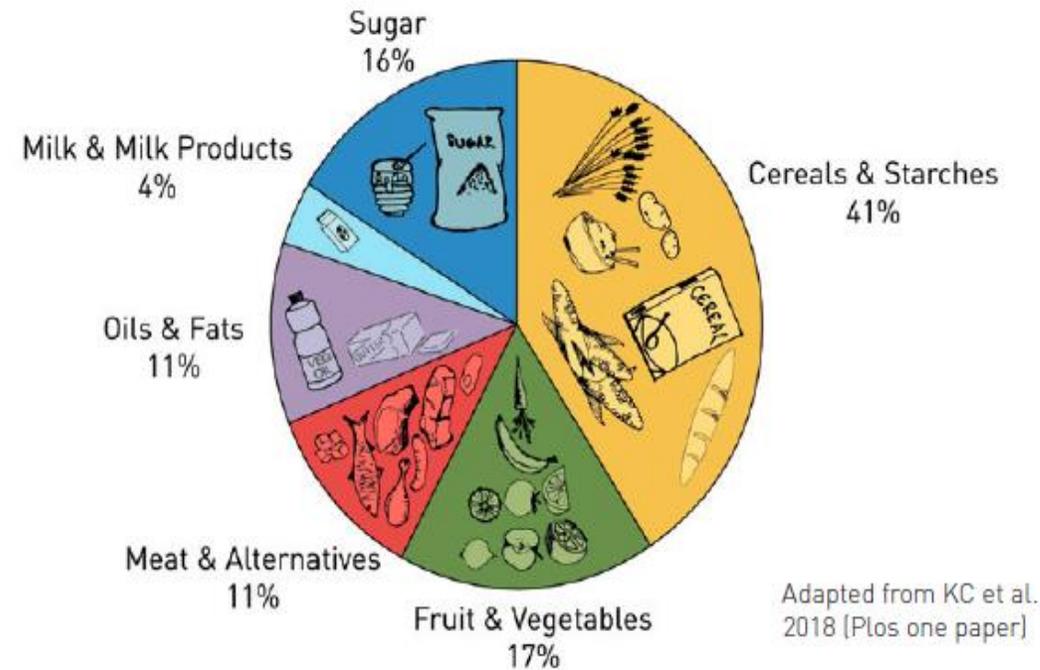
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What we should be eating (Harvard's Healthy Eating Plate Model)



What we are actually producing (According to 2011 FAO)



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How we eat is changing

- 45,000 daily Deliveroo users in the UK
- 26% of UK citizens order takeaway food via a food delivery/ service app or website once a
- Most popular Deliveroo....?

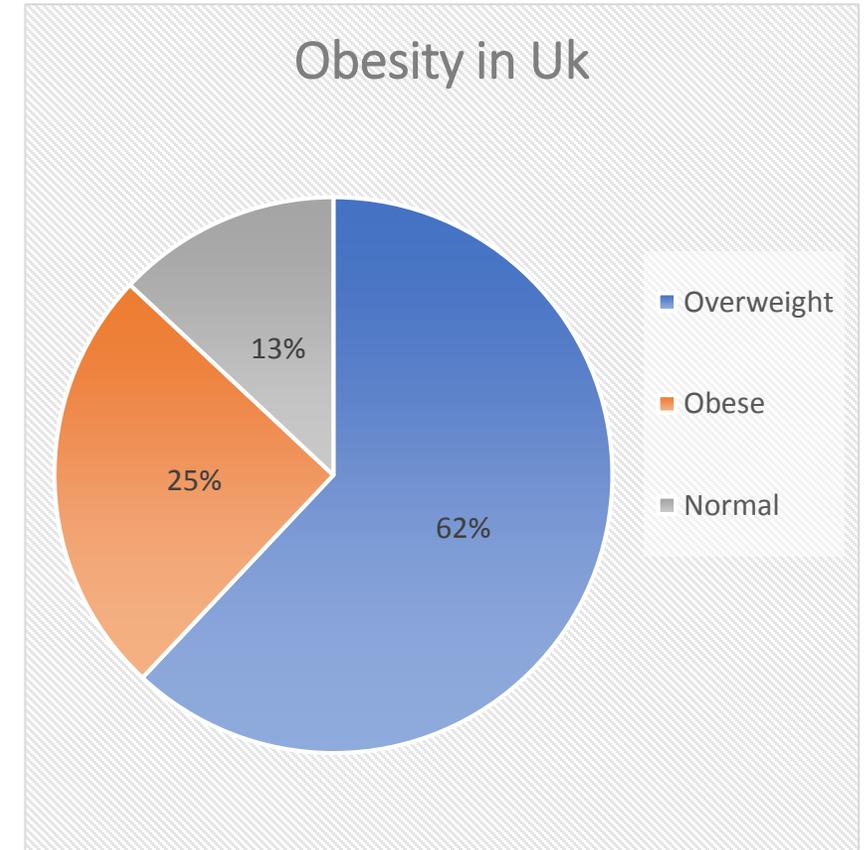


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The UK's "cheap" food policy

- Type 2 diabetes costs £12bn to the NHS and £15bn in working days lost (£15bn)
- The cost of removing drug residues from the water supply is (currently) incalculable
- 2.2 million people in the UK are severely food insecure - the highest in Europe
- UK is responsible for one in five of all severely food insecure people in Europe



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“I’m a farmer and I can’t afford to buy the food I produce”



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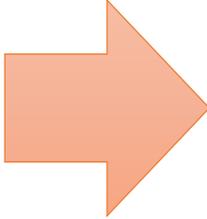
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“The food system is broken”

UK indigenous agriculture is declining

- Farm gate share of retail price has dropped 15% since 1988
- 33,000 small/medium farms have closed or consolidated into larger holdings between 2005 and 2015
- 50% of farm income is from CAP payments
- > 60% of farmers earn less than £10,000 pa
- UK farm productivity is falling behind - 0.9 percent growth cf Netherlands 3.5% or US 3.2%
- Land allocated to horticulture has decreased by 25% in 30 years

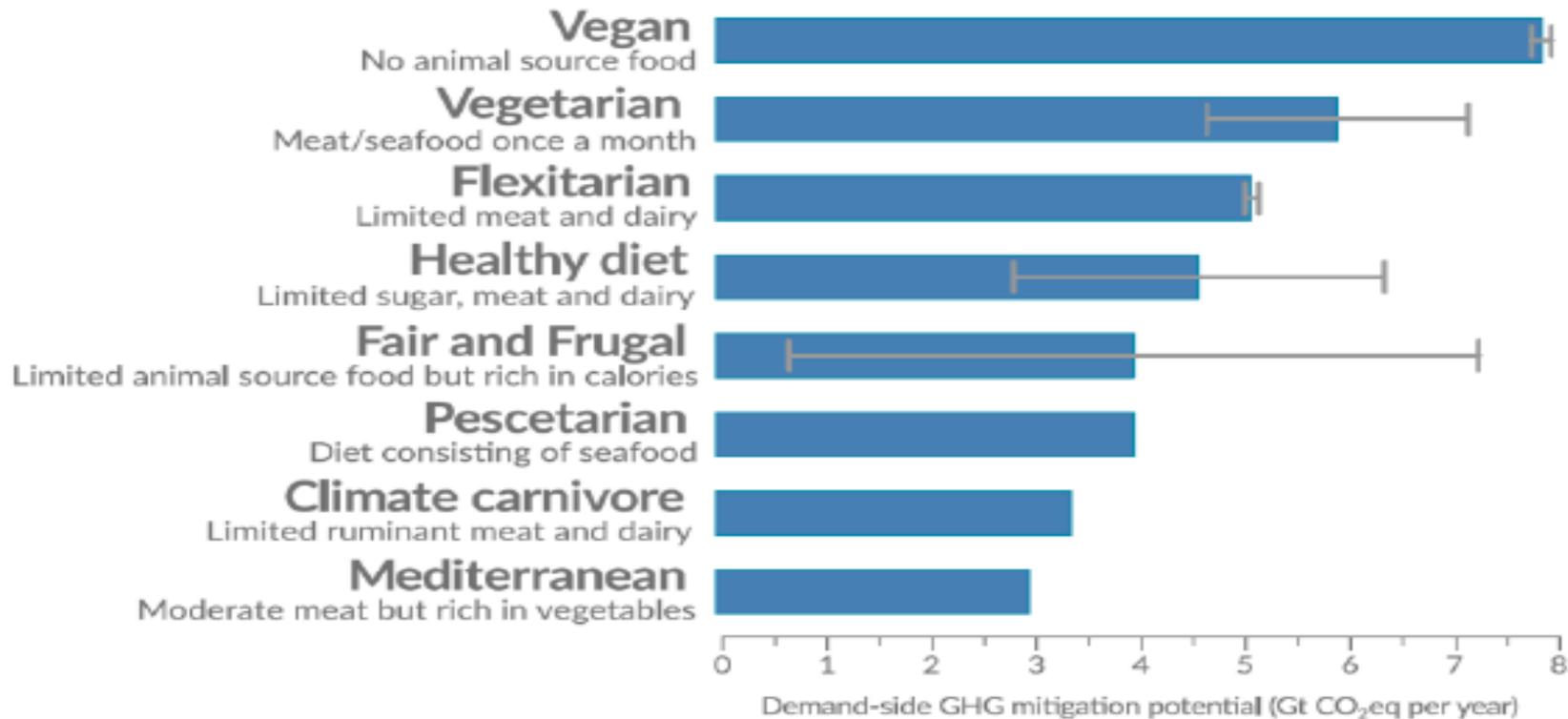
New concentrations of power

- Four companies control 65% seed production
 - Four companies control 70% agrichemicals business
 - And three are in both – Bayer, Syngenta, Corteva
 - Processing and retail
 - Financialisation of agriculture
 - Big Data – Amazon, Google, Alibaba
- 
- Squeezes farmer incomes
 - Reduces farmer autonomy
 - Narrows scope of innovation
 - Waters down CSR
 - Risk to environment & health
 - Controls information
 - Increases labour abuses
 - Shapes national policies

So what SHOULD we be eating for healthy people and planet?

Demand-side mitigation

GHG mitigation potential of different diets



It's not just about transitioning to 'plant based' eating

- Vegan processed foods rely on industrial food system, offshoring environmental impacts
- Unhealthy plant-based diets led to significantly greater weight gain over 4 years versus animal-containing diets (0.37kg)



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What about consumer choice?

Who wants a nanny state.....?



For every £5 spent on government healthy eating campaigns, £200 is spent by food businesses on increasingly sophisticated marketing campaigns for junk and ultra-processed food.



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What's the future we want?

- Intensive land use, high demand



- Extensive land use, low demand





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Health food is every body's business

1. Levelling the playing field for a fair food system – good food must become good business
2. Growing the UK supply of fruit, vegetables, nuts and pulses, and products from UK sustainable agriculture, using them more in everyday foods
3. Implementing world-leading public procurement, using this to transform the market
4. Establishing collaborative community food plans to inform and implement national food strategies and meet the different needs of communities around the UK
5. Reconnecting people and nature to boost health and wellbeing



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Farming is a force for change

1. Designing a ten-year transition plan for sustainable, agroecology by 2030
2. Backing farmer innovation to unleash a sustainable 4th agricultural revolution
3. Making sure every farmer can get trusted, independent advice
4. Boosting cooperation and collaboration by extending support for Producer Organisations to all sectors
5. Establishing a National Agroecology Development Bank to accelerate a just and sustainable transition



A countryside that works for all

1. Establishing a national land use framework in England based on the public value of land, mediating and encouraging multipurpose uses
2. Investing in the skills and rural infrastructure to underpin the rural economy
3. Creating more good work in the regenerative economy
4. Developing sustainable solutions to meet rural housing need
5. Establishing a National Nature Service to kickstart the regenerative economy

FFCC: the sequel – the real work starts now

- Implement our recommendations
- Galvanise & align leaders for the long haul and urgent actions
 - FOLU – ‘a global community committed to the urgent need to transform the way we produce and consume food and use our land for people, nature and climate’
 - International convergences in Glasgow, Beijing and Rome
 - Across sectors, business and civic society in the UK
- Mobilise and resource rural communities for the adaptation challenge
 - Building on local conditions & culture, opportunities assets & resources



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Five international imperatives

- developing incentives and capacity for environmental responsibility, eliminating perverse incentives
- reforming silo'd decision making to promote integration across sectors and jurisdictions
- taking pre-emptive and precautionary actions to avoid, mitigate, and remedy the deterioration of nature
- managing for resilient social and ecological systems in the face of uncertainty and complexity, that are robust in a wide range of scenarios
- strengthening environmental laws and policies and their implementation, and the rule of law more generally

Thank you

@FFC_Commission FFCC@rsa.org.uk @Suepritch

and thanks to all on who's work we rely



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