

# SUSTAINABLE FOOD SYSTEMS WITH DR CAROLE DALIN

## TALKING POINTS

### KNOWLEDGE

1. In what ways does food production cause greenhouse gas emissions?
2. What is a sustainable food system?

### COMPREHENSION

3. Describe some ways that food production and trade can affect the environment.

### APPLICATION

4. If you could make one change to your country's food culture to make it more sustainable, what would it be?
5. If you were to make one change to your own eating habits to be more sustainable, what would it be?

### ANALYSIS

6. What conflicts or trade-offs might arise when trying to solve different problems facing current food systems?

### SYNTHESIS

7. How would you solve the problem of water overuse in agriculture?

### EVALUATION

8. Global food trade has negative environmental impacts. Do you believe that it has any benefits? If so, what?
9. Is it fair to expect people from poorer regions to forgo luxuries like beef to reduce greenhouse gas emissions when affluent nations have enjoyed them for centuries?

### CREATIVITY

10. Can you imagine a completely sustainable, zero-carbon food system? What would it involve?

## ACTIVITIES YOU CAN DO AT HOME OR IN THE CLASSROOM

- What was the last meal you ate? Compile a list of each individual ingredient that went into the meal and enter the list in [www.myemissions.green/food-carbon-footprint-calculator](http://www.myemissions.green/food-carbon-footprint-calculator). How much CO<sub>2</sub> did your meal produce? Could you prepare the same meal with lower emissions?
- Many towns and cities have community gardens, local food fairs, food sharing programmes for reducing food waste or other infrastructure for making food systems more environmentally friendly. Can you find a local activity to participate in? Go with a friend and put your knowledge of food sustainability into action!

## MORE RESOURCES

- Learn more about Carole's FOODIES project at [www.ucl.ac.uk/sustainable-development-goals/case-studies/2020/oct/foodies-developing-integrated-approach-sustainable-agriculture](http://www.ucl.ac.uk/sustainable-development-goals/case-studies/2020/oct/foodies-developing-integrated-approach-sustainable-agriculture)
- Learn more about the wide range of research conducted in the UCL Institute for Sustainable Resources: [www.ucl.ac.uk/bartlett/sustainable](http://www.ucl.ac.uk/bartlett/sustainable)
- Test your knowledge of the carbon footprint of different foods with the Eat Low Carbon food quiz: [www.eatlowcarbon.org](http://www.eatlowcarbon.org)
- For a look at the future of food, check out this video by Freethink about 'The Futuristic Farms That Will Feed the World': [www.youtube.com/watch?v=KfB2sx9uCkI](https://www.youtube.com/watch?v=KfB2sx9uCkI)
- How much food do we waste? And how does this contribute to climate change? Find out in this video by Vox, 'Food waste is the world's dumbest problem': [www.youtube.com/watch?v=6RlxySFrkIM](https://www.youtube.com/watch?v=6RlxySFrkIM)



Carole was interviewed about the future of meat by TRT World. Watch the video here: [www.youtube.com/watch?v=1OjjesaxEoI](https://www.youtube.com/watch?v=1OjjesaxEoI)