Winchester Food Partnership

Food and Climate Change Toolkits

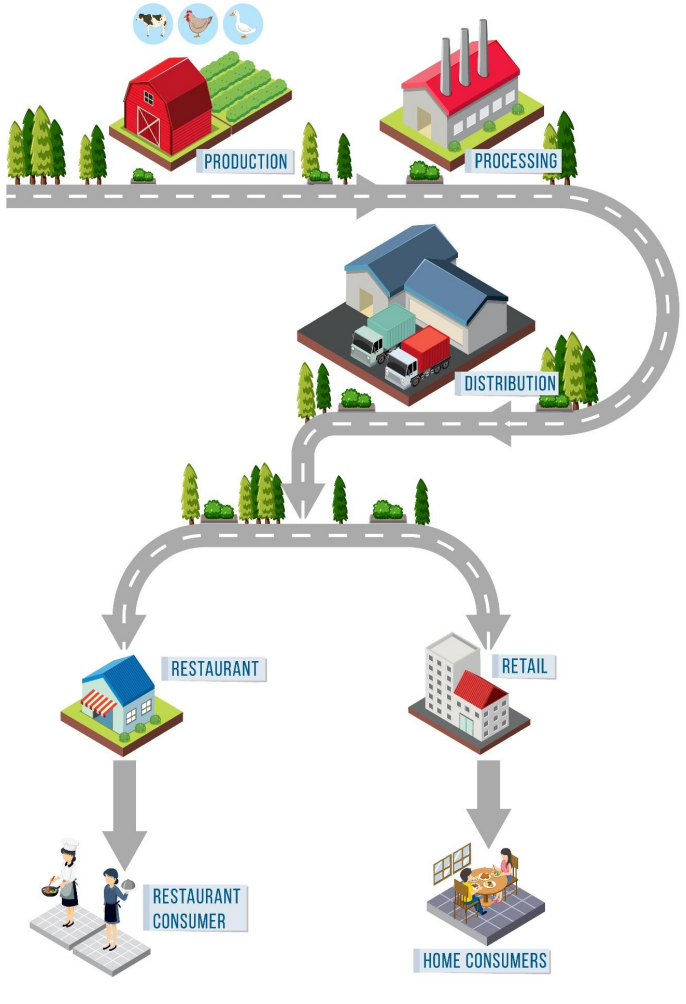
gfm@winchesterfoodpartnership.org.uk

SUSTAINABLE FOOD places
COMMUNITY FUND
Esmée Fairbairn FOUNDATION
WinACC

25-30%

of global greenhouse gas emissions **come from our food system**

ourworldindata.org



Food and Climate Change

Sharing and Using Surplus Food Toolkit

Winchester Food Partnership

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Food and Climate Change

Community Food Growing Toolkit

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Food and Climate Change

Reducing Food Waste Toolkit

Winchester Food Partnership

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Why is sharing surplus food important?

Food & climate change are connected

How we source our food and what we eat is one of the most effective ways in which we can all reduce our impact on the planet.

Food crops are sown, grown, watered, fertilised, harvested and animals are reared and fed. Then they are processed, packaged, transported and stored. It's estimated that between 25-30% of global greenhouse gas emissions come from the food system.



How much warmer is our climate?



Global climate warming: 1850-2022

If surplus food isn't eaten it becomes food waste.

See our *Reducing Food Waste Toolkit.*



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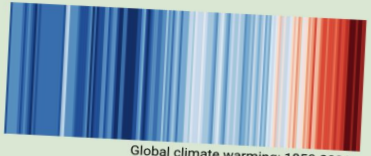
How does community food growing benefit our planet?

Learn and teach how to sustainably grow and harvest food.

Enable access to locally grown food. Reducing food miles to food metres dramatically cuts transport emissions.

Make food grown without pesticides more accessible. Benefitting soil, air quality, biodiversity and us..

Increase food resilience.
As our climate warms there are likely to be problems in the food supply chain. Creating access to food locally could lessen this impact.
UK could grow 40% of its fruit and veg in towns and cities, cutting dependence on imports, study says



Global climate warming: 1850-2022

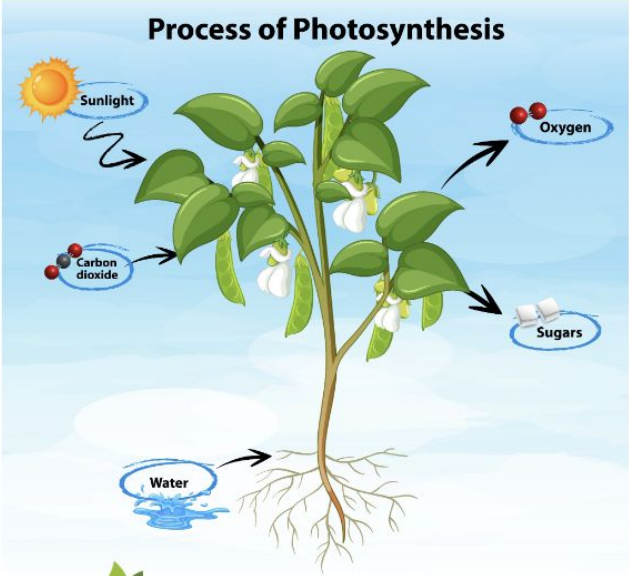
How much warmer is our climate?

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Why are community growing spaces important?

The Basics - plants for life



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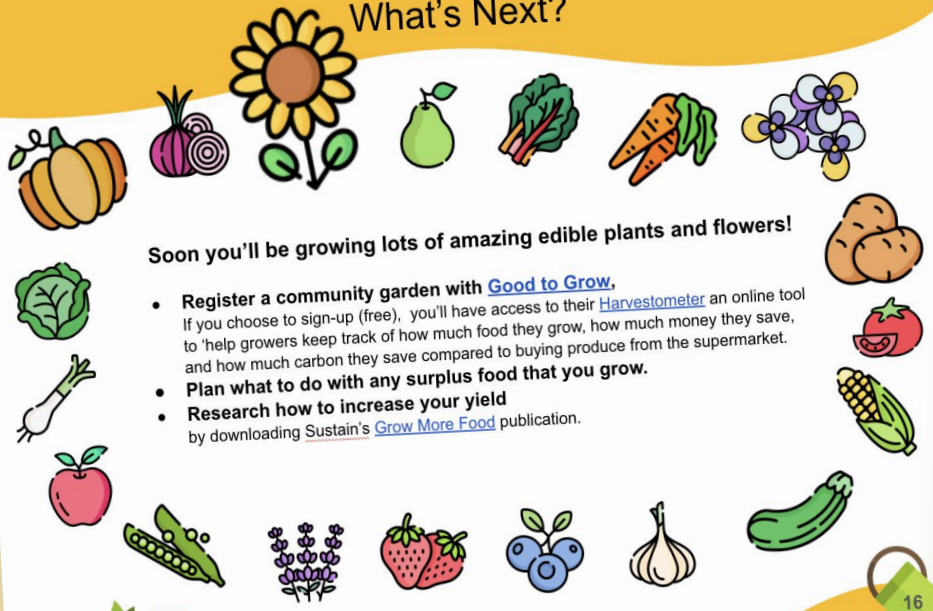
It's easy to forget that plants are essential to life. Using photosynthesis, all plants sequester (capture and store) carbon dioxide by absorbing it from our atmosphere. This effectively locks up greenhouse gas keeping them out of the atmosphere.

Carbon Dioxide (CO_2) is one of the main greenhouse gases contributing to climate change. increasing growing plants and trees helps combat climate change and improves the environment.

https://www.woodlandtrust.org.uk/blog/2018/04/why-plants-are-important/

In addition to creating oxygen and reducing air pollution, plants create habitats, medicine, fuel, textiles and food.

What's Next?



Soon you'll be growing lots of amazing edible plants and flowers!

- **Register a community garden with Good to Grow,**
  If you choose to sign-up (free), you'll have access to their Harvestometer an online tool to 'help growers keep track of how much food they grow, how much money they save, and how much carbon they save compared to buying produce from the supermarket.
- **Plan what to do with any surplus food that you grow.**
- **Research how to increase your yield**
  by downloading Sustain's Grow More Food publication.

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Want to learn more?

Useful links

- Project Drawdown - Unit 3 Reducing Sources
- Love Food Hate Waste
- World Resources Institute Reducing Food Loss and Food Waste
- Zero Waste Chef
- https://www.wfp.org/stories/5-facts-about-food-waste-and-hunger
- https://www.weforum.org/agenda/2023/03/food-waste-makes-up-half-of-global-food-system-emissions/
- WRAP - Food Surplus and Waste UK Key Facts
- WRAP - Action on Food Waste

- Real Bread Campaign's No Loaf Lost
- Hampshire County Council Smart Living
- Hampshire Kitchen Heroes

Book List

(Check out Hampshire Libraries)

- River Cottage: Love your Leftovers - Hugh Fearnley- Whittingstall
- 2040 A Handbook for the Regeneration - Damon Gameau
- No-Waste Kitchen Gardening - Katie Elzer-Peters
- One Pot, Pan, Planet - Anna Jones
- My Zero Waste Kitchen - Kate Turner
- Less Waste, No Fuss Kitchen - Lindsay Miles

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Good Food Winchester



Our Good Food Movement aims to emphasise the contribution that food choices make to our environmental footprint.

It is part of the Winchester Climate Action Network (WeCAN) which is a WinACC project looking to engage Parish Councils and community groups.

For more information about how communities can create and get involved in sustainable food projects please look at our toolkits:

Community Food Growing

Reducing Food Waste

Coming soon – Toolkits on Sharing Surplus Food and Community Composting.

Also, here are some national Sustain resources you might like to use

https://www.winchesterfoodpartnership.org.uk/good-food-winchester/