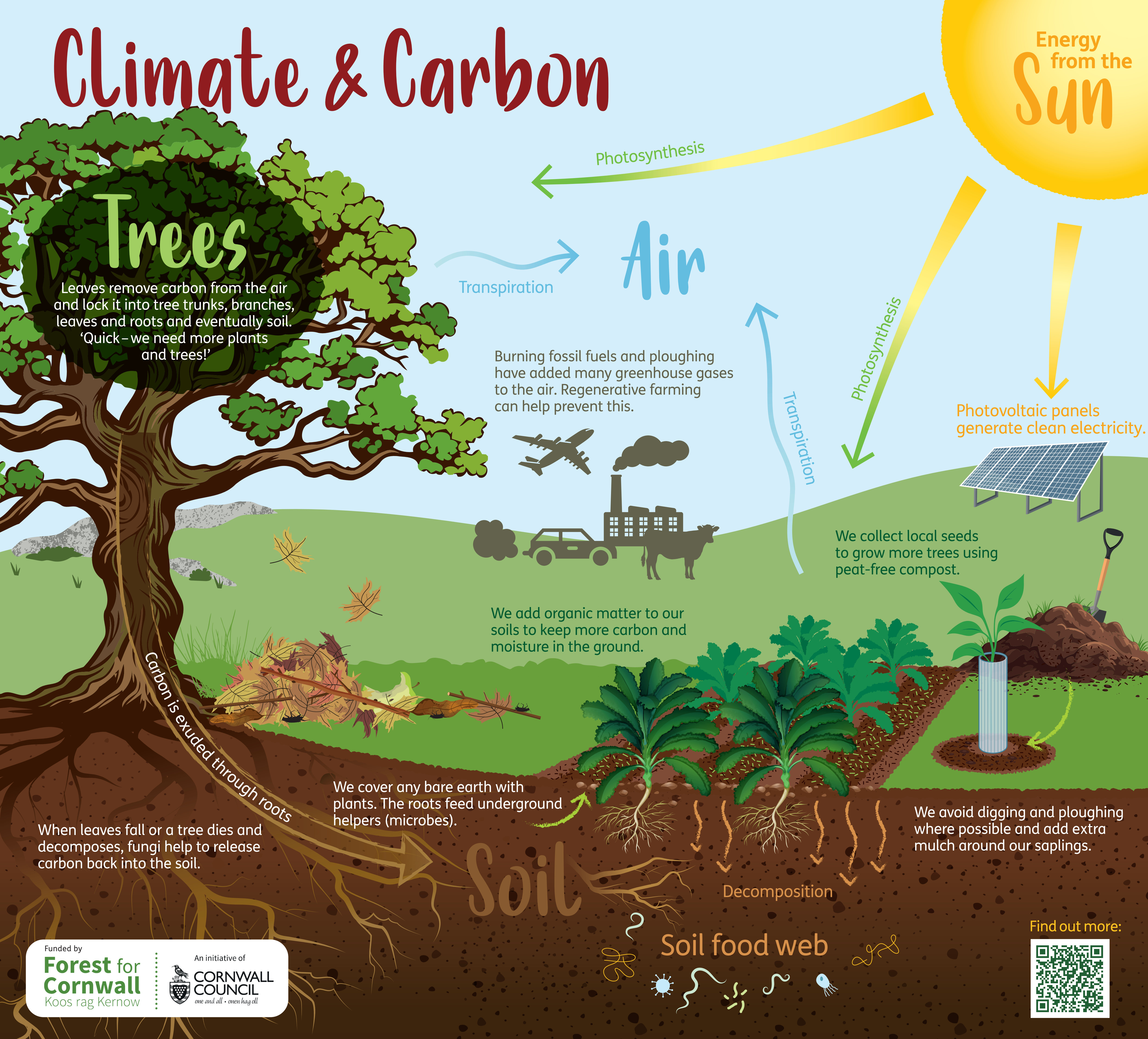


Climate & Carbon



The greenhouse gases responsible for climate change include:

- **Carbon dioxide**
An estimated 15-20% of the world's atmospheric carbon (greenhouse gases) comes from ploughing. (Dr. John Baker)
- **Methane**
Burps and farts from cattle, others, and anaerobic (no oxygen) composting. Methane holds **25 times more heat** than carbon.
- **Nitrous oxide (fertilisers)**
Forms under bad compost conditions (anaerobic) from waterlogging, compaction, lack of good soil biology. Nitrous oxide holds **298 times more heat** than carbon.

Changes in climate are leading to increased flooding, droughts, storms, forest fires and other disasters around the world, but there is a lot we can do to help:

- ✓ Feed your soils, feed your friends! Add good (aerobic) varied organic matter
- ✓ Don't let soil or compost go anaerobic! Prevent methane and nitrous oxide production by making good compost
- ✓ Never buy peat-based compost (peatbogs get destroyed, this releases enormous quantities of carbon into the air as well as destroying precious habitats)
- ✓ Travel by boat, bus, bike and rail (more than car or aeroplane)
- ✓ Insulate your home
- ✓ Eat food, not too much, mostly plants
- ✓ Choose ethical banks and energy suppliers
- ✓ Buy some salads and vegetables from local, sustainable growers every week
- ✓ Do all you can, where you are, with what you've got

Find out what you can do for the climate



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Soil food web

Find out more:



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