

CLIMATE Q&A EVENING

22/01/2020
7-9PM

Join us for an evening of discussion on how we can better steward our planet...



your questions
answered



vegan cake, books
& reusable cups



creation worship songs
by Graham Kendrick

Get your free tickets:

bit.ly/CCTW2020

For more info: Tom 07789322920



@ CHRIST CHURCH
HIGH STREET,
TNI IUT



GREEN TEAM
positive changes to care for creation

Wins...

- China & Reusable cups
- Plant milk & Veggie options
- Planet-friendly cleaning products
- Climate Sermons
- Climate talk (YAY!)

Coming soon...

- Switch to renewable energy
- A-Rocha Eco-Award
- Building renovation

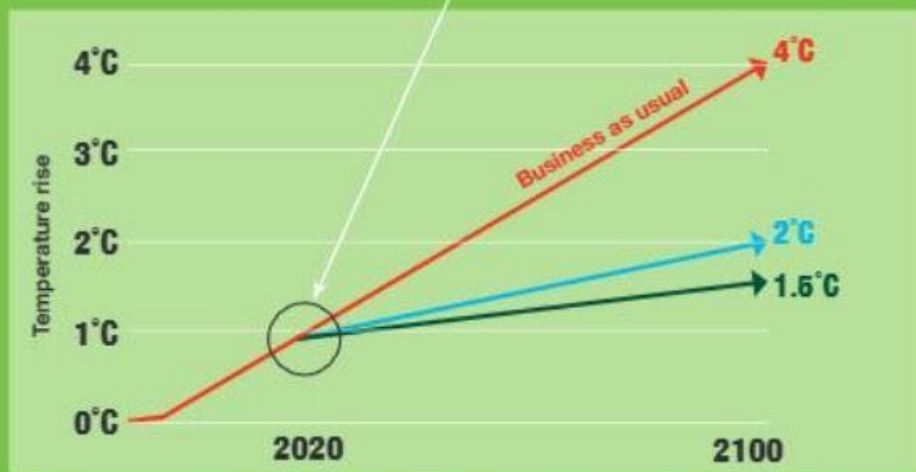


An aerial photograph showing a forest fire. The left side of the image shows a dense, green forest. The right side shows a large area of fire with bright orange flames and thick, grey smoke rising into the air. A red banner with white text is overlaid across the middle of the image.

WE ARE LIVING IN A

CLIMATE EMERGENCY

THIS IS WHERE YOU COME IN



4°C

WHERE WE ARE HEADING

700 million people displaced by flooding, high levels of food insecurity leading to conflict, mass crop failure and severe droughts. Half of all plant and animal species face local extinction.

2°C

49 million people displaced by rising seas, 410 million urban residents exposed to severe drought, crop failure and all coral reefs are destroyed, 2.7 billion people exposed to heatwaves and 170% increase in flood risk.

1.5°C

THE GOAL

Less people are displaced by rising seas, heatwaves and drought aren't as extreme and 30% of coral reefs remain intact, plant and animal species are less impacted.

2020: Let's kick-start decade of change

1. STOP ADDICTION TO DIRTY FOSSIL FUELS

If we are to have a realistic chance of limiting climate change then fossil fuels have to stay in the ground.



Cut off the oil and gas production

Massively reducing our dependence on oil is not enough. We also need to cut off the supply. That means confronting the oil companies still hungry to create new oil and gas fields. And exposing the banks and governments still investing in the fossil fuel industry. Research has shown that we can't even afford to burn 30% of the oil and 50% of the gas we already know about, let alone start opening up new supplies.

Slash oil consumption

The UN states global emissions must be halved by 2030 if we are to meet the 1.5-degree goal. This will require major shifts in the transport and energy sectors. Fossil fuels need to stay in the ground.

ACTION IN 2020

You can help us take action against oil companies like BP. We will tell them business as usual is no longer acceptable. They have two choices - shut down because their model is incompatible with our survival or they go 100% renewable. We will hold financial backers of the fossil fuel industry to account who knowingly put profits over the future of our planet.



Photo: © David Butler / Greenpeace, © Jon Clifton / Greenpeace

2. SWITCH TO CLEAN, RENEWABLE ENERGY AND TRANSPORT

The fastest way we can bring the world's reliance on fossil fuels to an end is to accelerate the switch to renewable energy.



Speed up the pace of change

Wind and solar energy were cheaper than ever and also in 2019 renewable energy sources provided more electricity to UK homes and businesses than fossil fuels for the first time. The green revolution is already happening but the switch from fossil fuels is not happening fast enough.

To have a chance of keeping global temperature well below 1.5 degrees, we have to triple energy from renewables like wind and solar. That's why it's so vital we put massive pressure on governments to invest in clean, renewable energy and transport solutions now.

ACTION IN 2020

You can help us lobby the UK government to stop subsidising the fossil fuel industry and start massively investing in renewable energy and transport solutions that already exist. We need the government to make these changes bigger and better.



Photo: © Suzanne Hankoff / Greenpeace, © Will Owen / Greenpeace

3. SAVE AND PROTECT OUR FORESTS AND OCEANS

Forests and oceans are a major defence against climate change and are home to much life on earth. We have to save these critical natural environments.



Stop deforestation and start restoration

Globally, forest destruction is responsible for more CO2 emissions than almost every country on earth. It is also driving the mass extinction of wildlife. We urgently need governments and companies to protect the world's remaining forests. They must eliminate deforestation for palm oil and soya production, for meat and animal feed from their supply chains and begin to restore forests by re-planting billions of trees.

Protect oceans

Our oceans are home to a vast array of life and are a vital carbon sink, yet less than 1% is protected. Scientists and international conservation bodies are clear: to give our oceans a chance to recover, we need to create sanctuaries that protect at least 30% of the world's seas by 2030.

ACTION IN 2020

You can help us expose the global companies that have spectacularly failed to meet their deforestation pledges and push world leaders to protect 30% of the world's oceans.



**WITH YOUR SUPPORT WE WILL MAKE
2020 THE YEAR WE KICK START
A DECADE OF CHANGE.
THANK YOU.**

Photo: © Bjorn Yagin / BOSS / Greenpeace, © Paul Hilton / Greenpeace

2020: Our year of opportunity!



Oceans Treaty



2020 deadline

COP 26 GLASGOW



UNITED NATIONS
CLIMATE CHANGE
CONFERENCE

NOVEMBER 2020

UK hosts COP

Our role: push companies and governments to act



2020

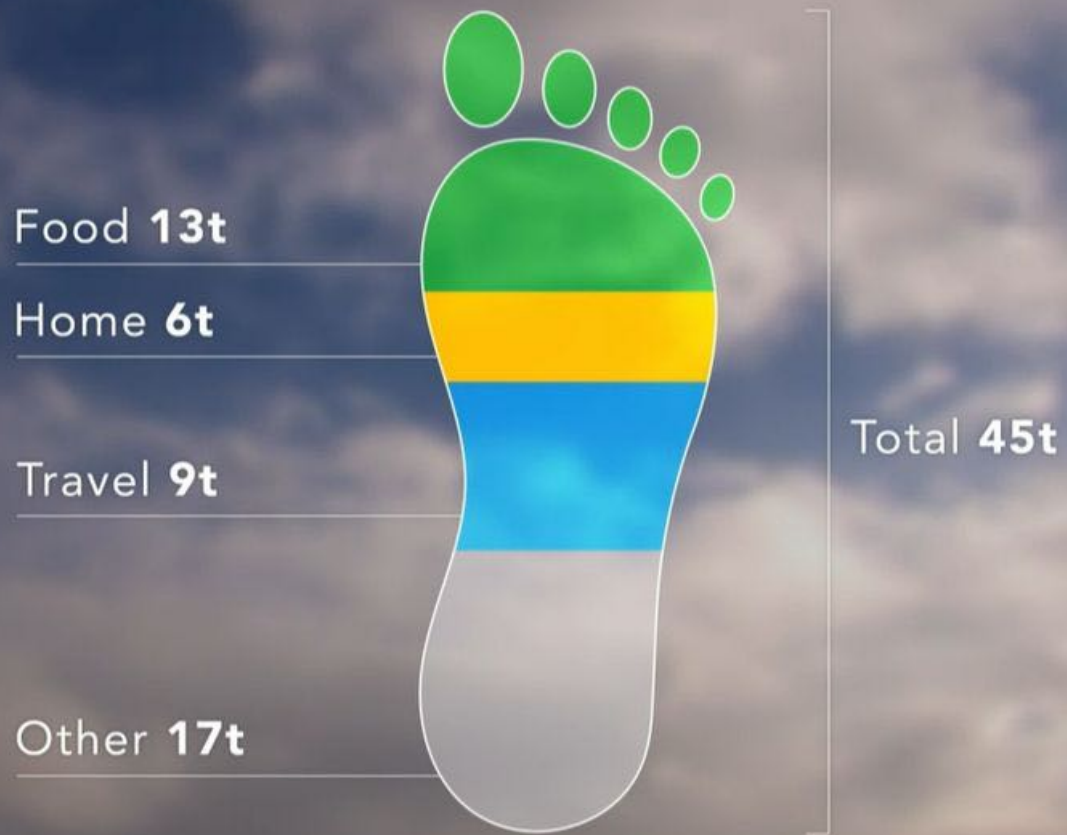
DECADE OF CHANGE

Q & A

1. Food

“Eating less meat and dairy is the single biggest way to reduce our impact on earth”

University of Oxford study - Joseph Poore



Food **3t**



Total **32t**

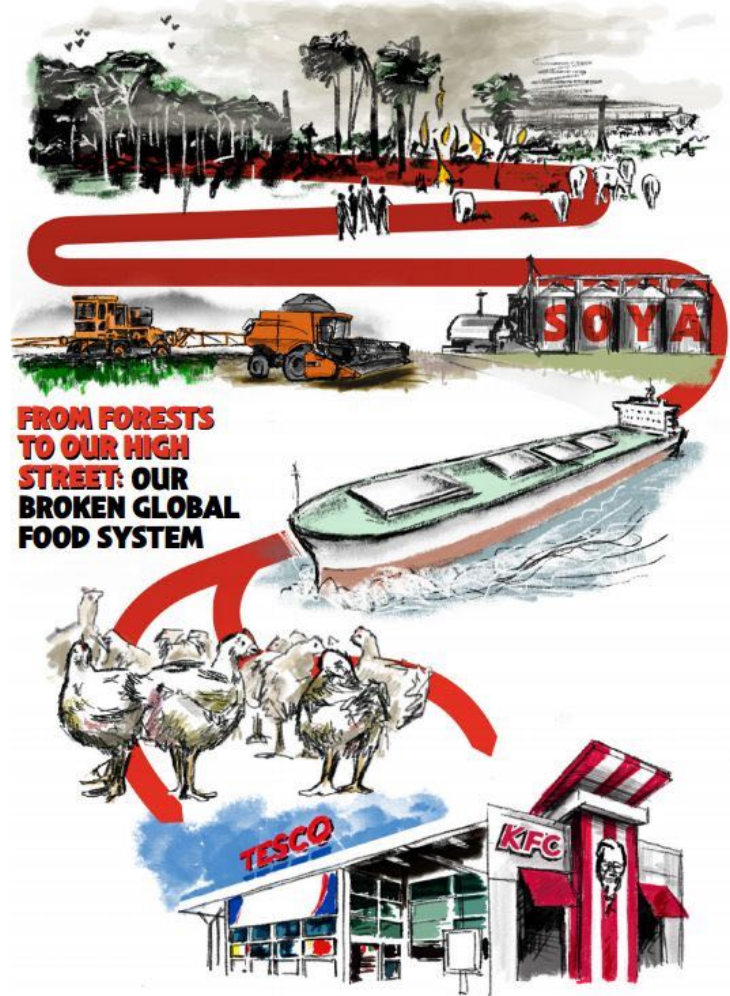
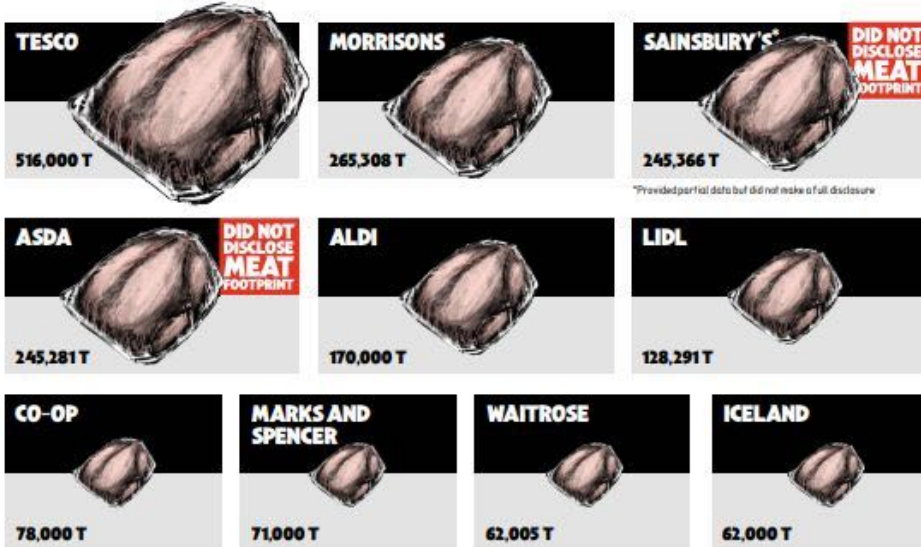
10 tonne
saving!



CLUCKING HELL Britain's 'chicken boom' is destroying South America's forests, Greenpeace warns

Harry Pettit, Senior Digital Technology and Science Reporter
 21 Jan 2020, 0:01 | Updated: 21 Jan 2020, 8:08

SUPERMARKETS' SOYA FOOTPRINT (TONNES PER YEAR)



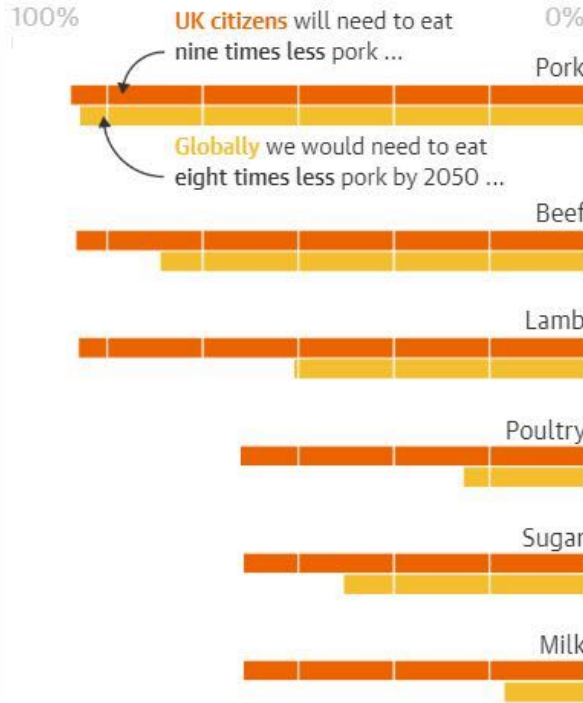
“Meat and dairy creates more emissions than the world’s entire transport systems.”

United Nations

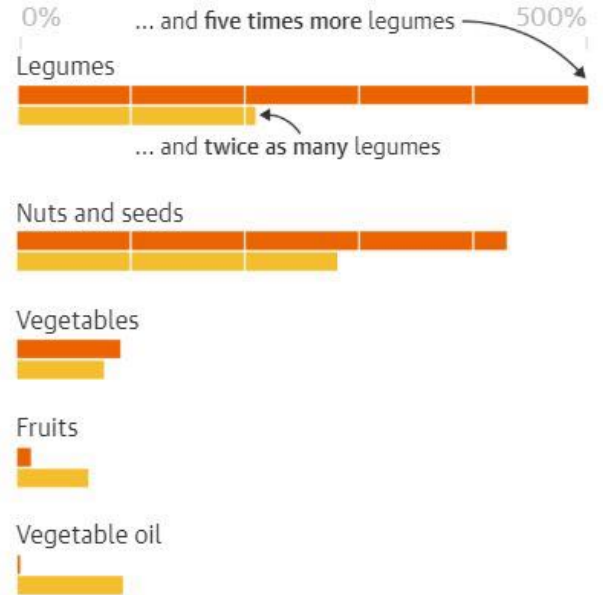


Solution:
90%
reduction
in meat
and dairy
by 2050

To keep global temperature rises to under 2C by 2050, we need to eat much less of these foods ...



... and much more of these



Planetary health plate



A planetary health plate should consist by volume of approximately half a plate of vegetables and fruits; the other half, displayed by contribution to calories, should consist of primarily whole grains, plant protein sources, unsaturated plant oils, and (optionally) modest amounts of animal sources of protein.

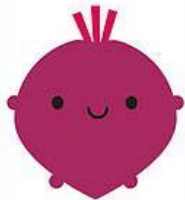
Take action: eat more plant-based meals...



Eating better meat
and sustainable
farming

JANUARY

beetroot, brussels sprouts, cauliflower, celeriac, celery, chicory, jerusalem artichoke, kale, kohlrabi, leeks, parsnips, potatoes, salsify, shallots, swede, turnips



FEBRUARY

brussels sprouts, cauliflower, celeriac, chicory, jerusalem artichoke, kale, kohlrabi, leeks, parsnips, potatoes, purple sprouting broccoli, salsify, shallots, swede, turnips



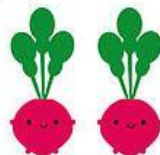
MARCH

cauliflower, kale, leeks, purple sprouting broccoli, salsify, spinach, spring onions, swede



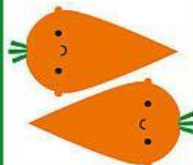
APRIL

asparagus, broccoli, jersey royal new potatoes, lettuce, purple sprouting broccoli, radishes, rocket, samphire, spinach, spring onions



MAY

asparagus, broccoli, carrots, lettuce, new potatoes, peas, radishes, rocket, samphire, spinach, spring onions



JUNE

artichoke, asparagus, aubergine, beetroot, broad beans, broccoli, carrots, courgettes, fennel, french beans, kohlrabi, lettuce, mangetout, new potatoes, pak choi, peas, radishes, rocket, runner beans, samphire, spinach, spring onions, tomatoes, turnips



SEASONAL VEG IN THE UK

JULY

artichoke, aubergine, beetroot, broad beans, broccoli, carrots, courgettes, fennel, french beans, kohlrabi, lettuce, mangetout, new potatoes, pak choi, peas, radishes, rocket, runner beans, samphire, spinach, spring onions, tomatoes, turnips



AUGUST

artichoke, aubergine, beetroot, broad beans, broccoli, carrots, courgettes, cucumber, fennel, french beans, kohlrabi, lettuce, mangetout, marrow, mushrooms, pak choi, peas, peppers, potatoes, radishes, rocket, runner beans, spring onions, sweetcorn, tomatoes, turnips



SEPTEMBER

artichoke, aubergine, beetroot, broccoli, carrots, celeriac, celery, courgettes, cucumber, fennel, french beans, kale, kohlrabi, leeks, lettuce, mangetout, marrow, mushrooms, pak choi, peppers, potatoes, pumpkin, radishes, rocket, runner beans, shallots, spring onions, squash, sweetcorn, tomatoes, turnips



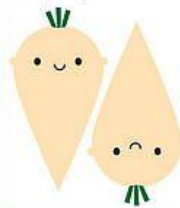
OCTOBER

artichoke, beetroot, broccoli, butternut squash, celeriac, celery, chicory, fennel, kale, kohlrabi, leeks, lettuce, marrow, mushrooms, parsnips, potatoes, pumpkin, radishes, rocket, runner beans, salsify, shallots, swede, sweetcorn, tomatoes, turnips



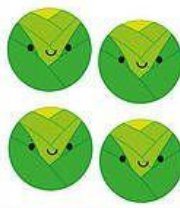
NOVEMBER

artichoke, beetroot, butternut squash, cauliflower, celeriac, celery, chicory, kale, kohlrabi, leeks, mushrooms, parsnips, potatoes, salsify, shallots, swede, turnips

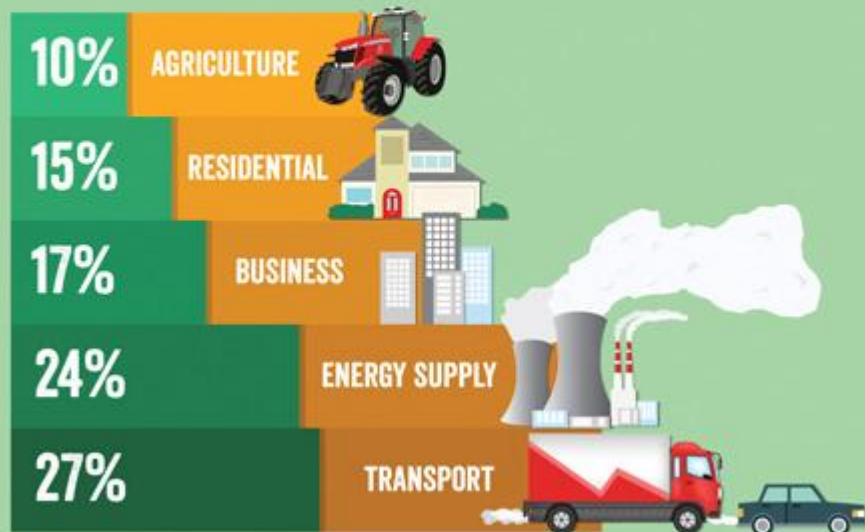


DECEMBER

beetroot, brussels sprouts, cauliflower, celeriac, celery, chicory, jerusalem artichoke, kale, kohlrabi, leeks, mushrooms, parsnips, potatoes, salsify, shallots, swede, turnips



GREENHOUSE GAS EMISSIONS IN THE UK

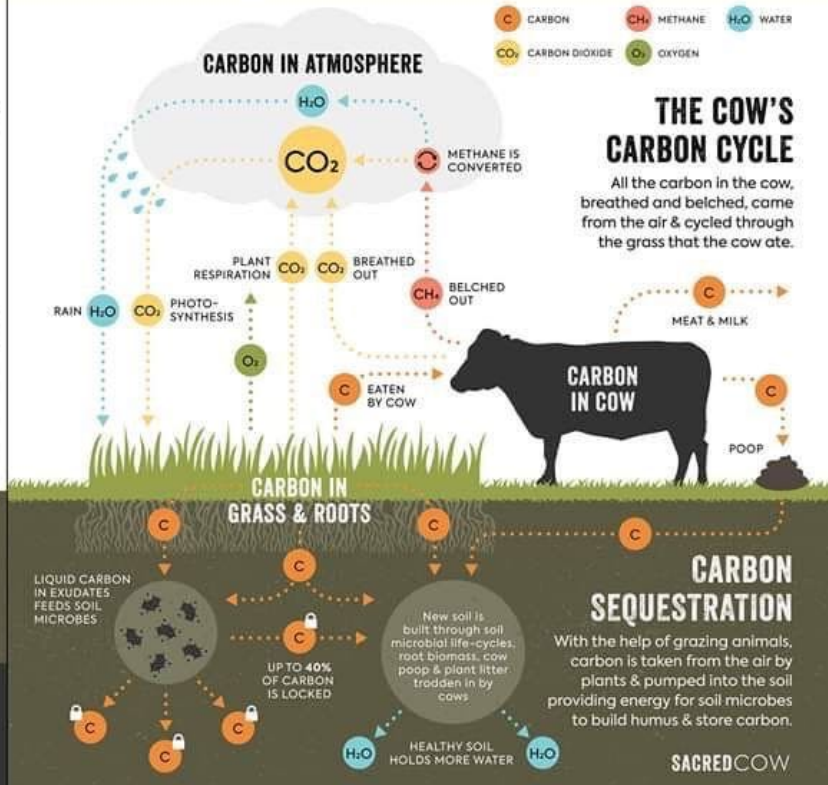


*Other: 7%
Other includes, Waste Management, Public, Industrial Processes and the Land Use, Land Use Change and Forestry (LULUCF) sectors (note that LULUCF acts as a net sink of emissions).

CATTLE CARBON CYCLING VS. FOSSIL FUELS

@SUSTAINABLEDISH | SACREDCOW.INFO

FOSSIL FUELS



Take action: Eat...

- Meat from local sustainable farms, from grass-fed systems
- Seasonal, local vegetables
- Get to know a local farmer

Caring for creation



A S W A

PUTTING ANIMALS ON THE AGENDA OF THE CHRISTIAN CHURCH





Take action:

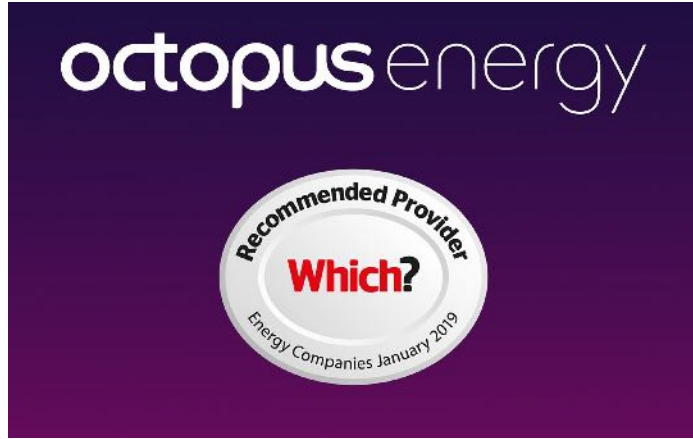
- Buy higher welfare meat and dairy
- Buy less animal products.
- Use ethical cleaning products
- Support charities, ASWA, A Rocha Greenpeace, Compassion in world farming, Marine Conservation.
- Garden space? - Adopt a rescued hen.

2. Home energy

Take action: switch to renewables



ecotricity



3. Travel

Return flight to Hong Kong
= 380,00 plastic bags



Take action:

- Fly once a year - or not at all
- Walk more, cycle and bus
- Buy a hybrid car (if you can)



4. Too much stuff



Department for Environment Food & Rural Affairs

5p
Plastic bag charge

Large shops in England must charge 5p for single use plastic carrier bags from 5th October 2015

#reusebags
To find out more: gov.uk/carrierbags



Take action: less stuff, second hand, longer lasting



5. Campaign

Take action: on governments and companies:

- Sign petitions for change - Greenpeace, Friends of the Earth
- Marches and demonstrations
- Extinction Rebellion
- Engage power brokers - call Gregg Clarke MP and demand action on climate
- Comment on companies social media presence, that you are boycotting them until they change



Make a pledge

How will you act differently tomorrow?