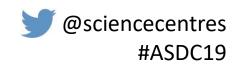
Welcome to

The 2019 ASDC National Conference Vision 2030









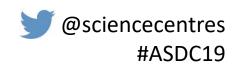


Vision 2030



Inspiring National Strategic Change around Climate Dr Penny Fidler, CEO







Science Centres are in a privileged and powerful position in relation to climate. Working together, and with our communities we can inspire large national strategic change











20 million people engage in STEM every year

385,000 each week

Over 10 million are girls and women

Over 10 million are school-aged children





We have an amazing national infrastructure, with physical centres, staff on the ground, all running STEM programmes and embedded in your communities in your regions across the UK.





We already involve 2 million school-children in curriculum-linked science workshops and visits, & 10 million school-aged children participate





We have embedded science programmes across our local communities





And champions of families learning together, so the discussions continue





How can we do more to tackle climate change?

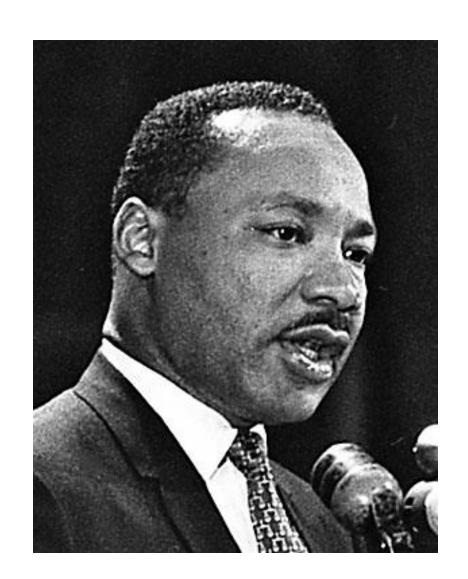
With this hugely powerful network, embedded in cities, towns and communities across the UK?
Where should we focus our efforts to inspire action?







"I have a dream ..."









Vision 2030



There really are some positive stories out there,

and a plentiful planet that could support us all





Fantastic news!

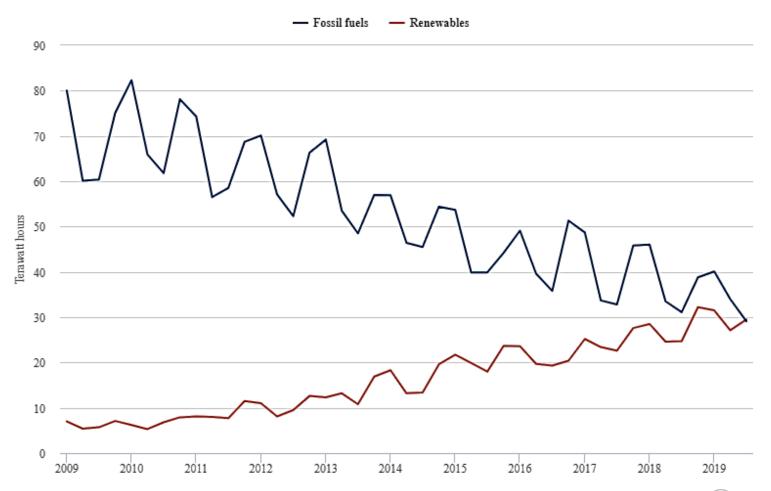
In the last quarter, (July, Aug, Sept 2019) the UK had more electricity generated from Renewables (windfarms, solar panels, biomass and hydro plants)

than the combined output from power stations fired by coal, oil and gas



UK renewables generated more electricity than fossil fuels for the first time

The third quarter of 2019 was the first ever to see this switch



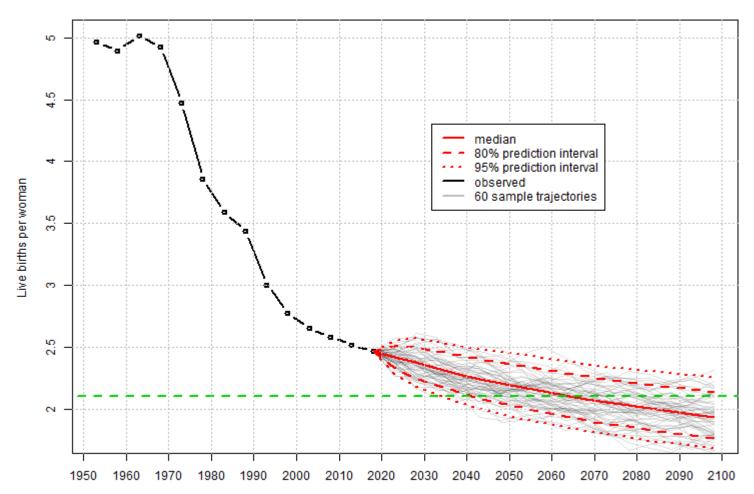




Number of Children per woman world aggregated

(UK is around 1.75)

World

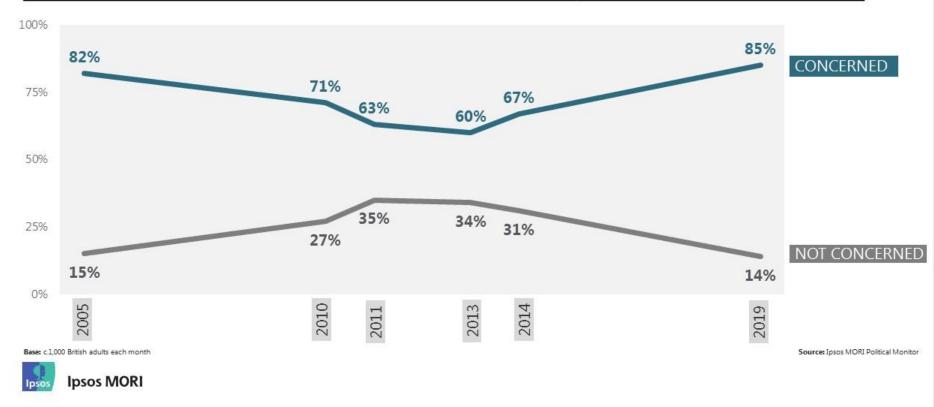


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Climate change concern

How concerned, if at all, are you about climate change, sometimes referred to as 'global warming'?

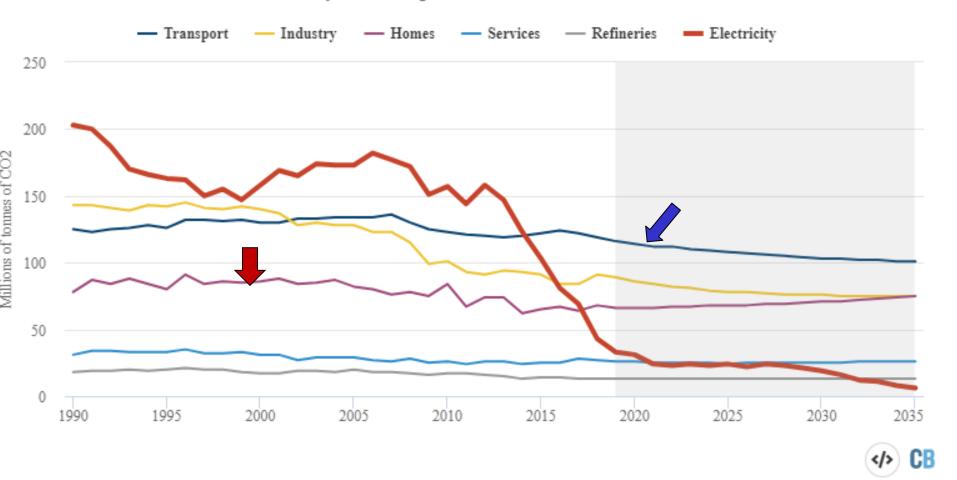


Ipsos MORI Political Monitor | Public



Cutting emissions in the power sector is not enough

The UK will have to cut CO2 across the whole economy to meet its targets



d projected future emissions in the UK, by sector, millions of tonnes of CO2. Projections are shaded grey. Source: BEIS and emissions projections. Chart by Carbon Brief using Highcharts.





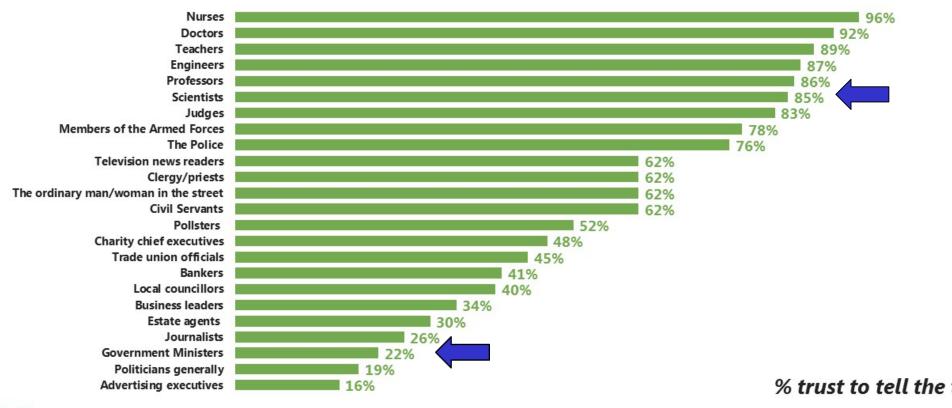






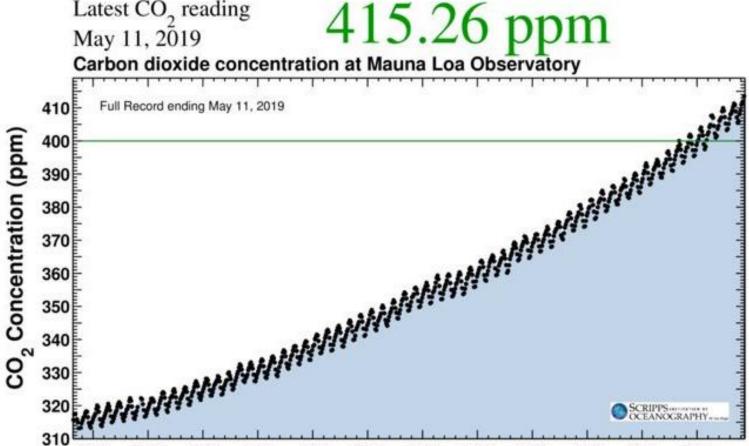
Veracity Index 2018 – all professions

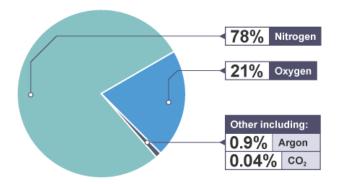
"Now I will read you a list of different types of people. For each would you tell me if you generally trust them to tell the truth, o



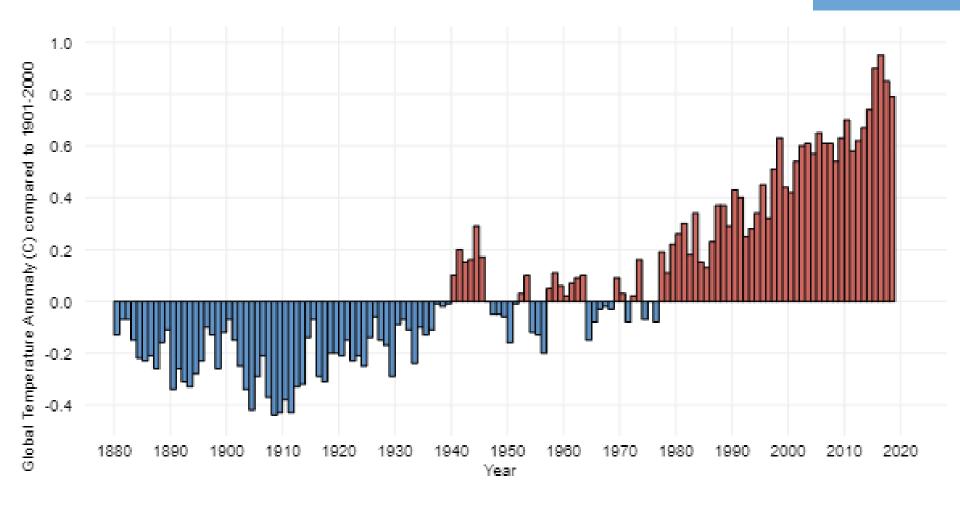


Latest CO2 reading





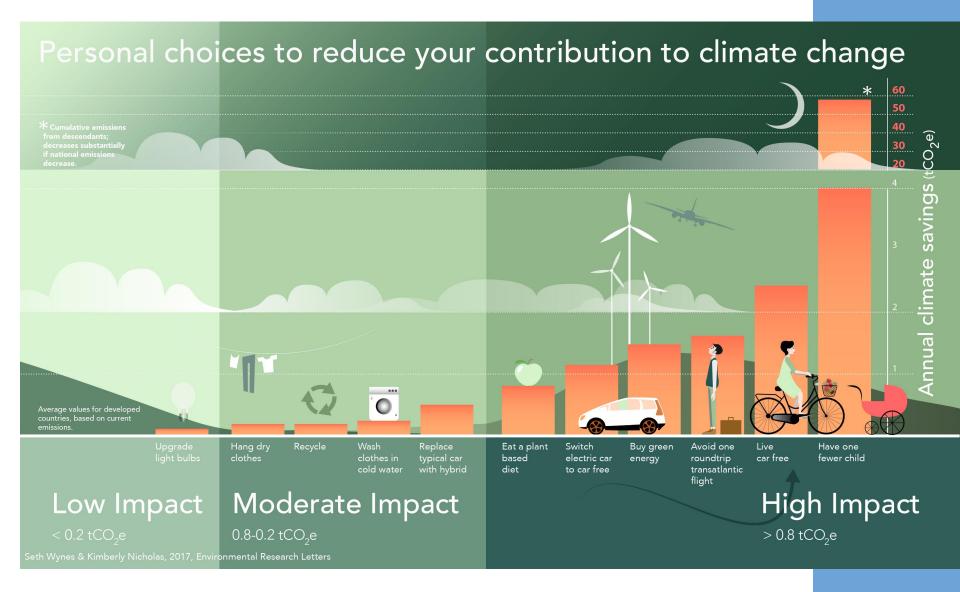




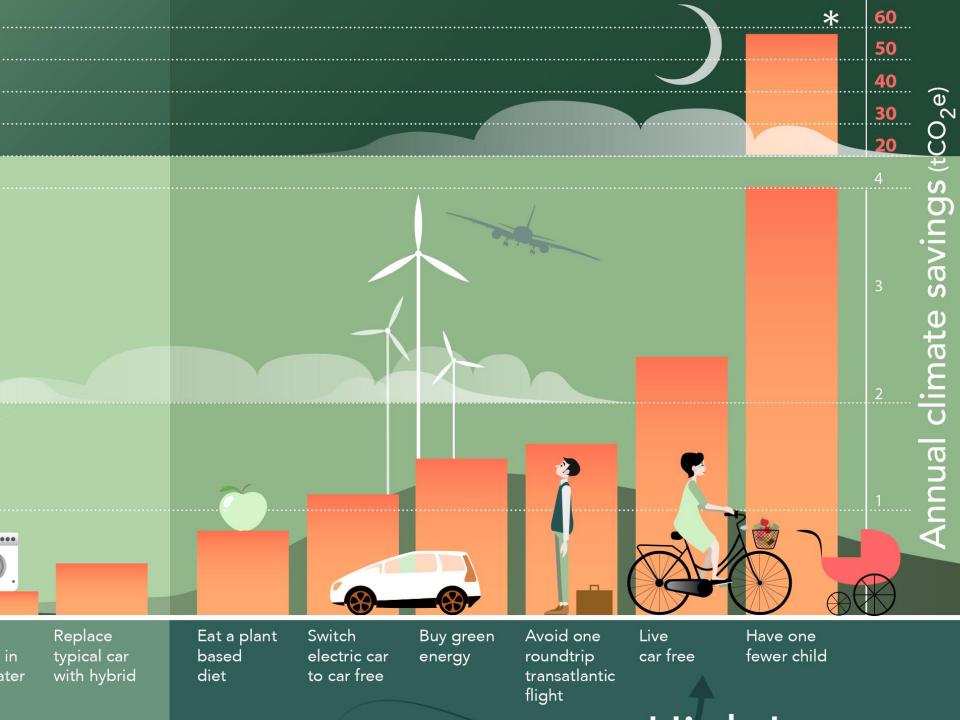
Average annual global temperatures since

The zero line represents the long-term average temperature for the whole planet; blue and red bars show the difference above or below average for each year.









Who flies most?





- Over half of the British population don't fly at all in any given year,⁴
- and only 15% of us take three or more flights.
- Only one in 20 people worldwide have ever flown
- Brits fly more than the people of any other nation twice as much as Americans
- These aren't business flights. The Department for Transport says business travel by the UK public is in long term "general decline" and now makes up just 12% of our plane trips abroad, 10
- Who are the main offenders? Is it us?

^{• 57%} in 2012, to be precise. National Travel Survey 2013, DfT, Table NTS0316









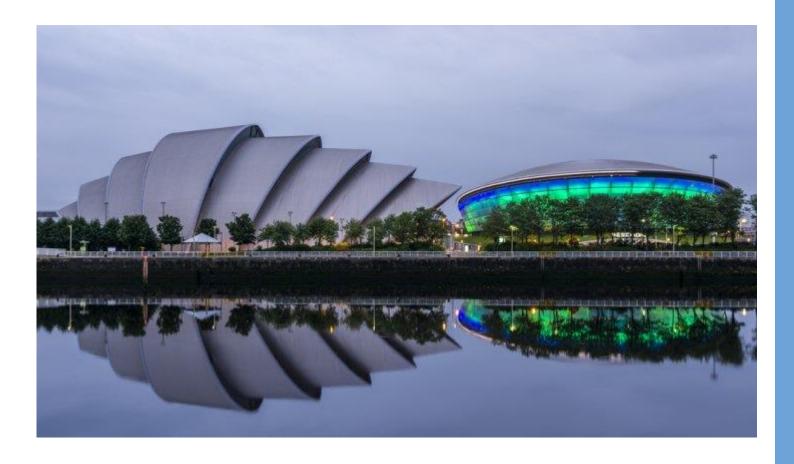






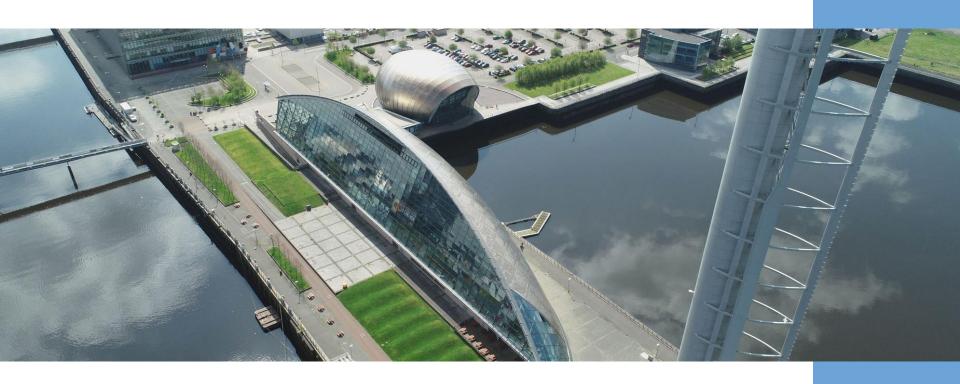


COP26



The 26th session of the Conference of the Parties (COP 26) takes place from 9-19 November 2020, in Glasgow, UK.























































Operation Earth at Number 10























Hydrostiks – 10 Litres





















ATOMS TO ASTROPHYSICS

























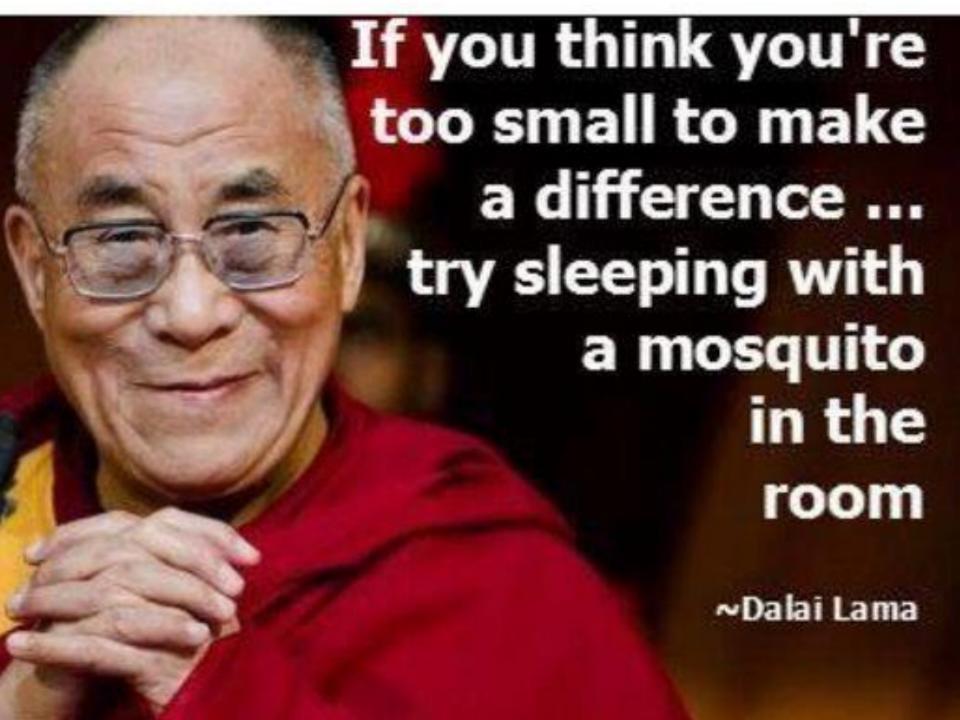
914,646 children and adults have taken part in schools workshops, family shows and special events

75,741 children and adults met and spoke with a space scientist or engineer

1,135,786 visited space exhibitions as part of the programme

= over 2 million in person

(Far more through social media and online)



Each of us has various spheres of influence.

- 1. Within our own organisations
- 2. With colleagues in partner organisations
- 3. With our millions of visitors, members, networks
- 4. With our local councils and regional policy makers
- On social media (personally and professionally)
- Through our organisational voices as honest and trusted science organisations.
- 7. With our thousands of staff
- 8. In what we sell in our cafes and buy for our shops and exhibitions.
- 9. through the collective voice of our many science-based organisations

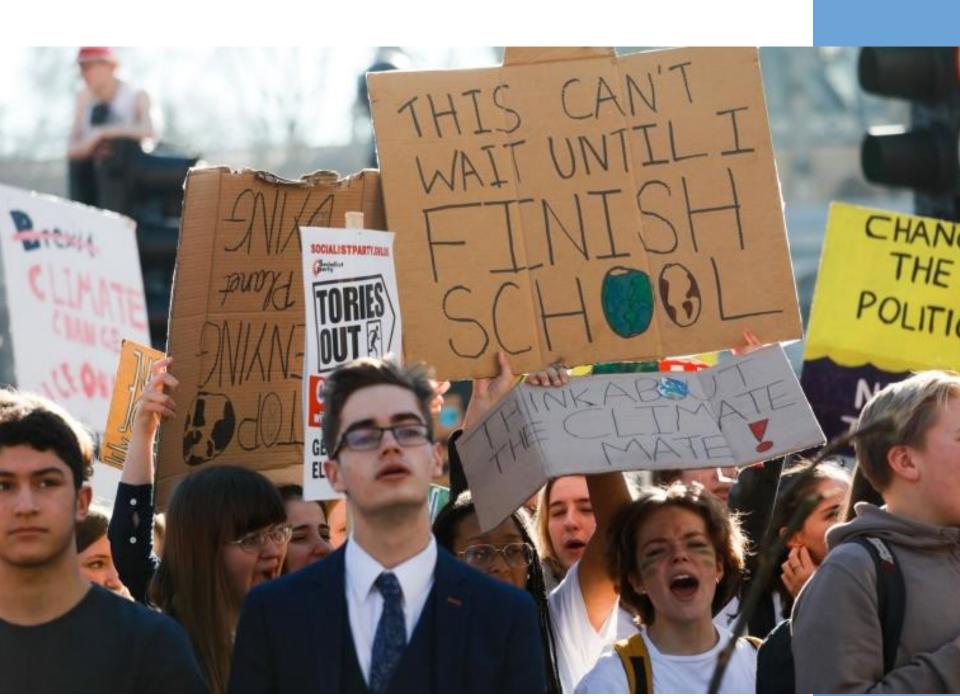


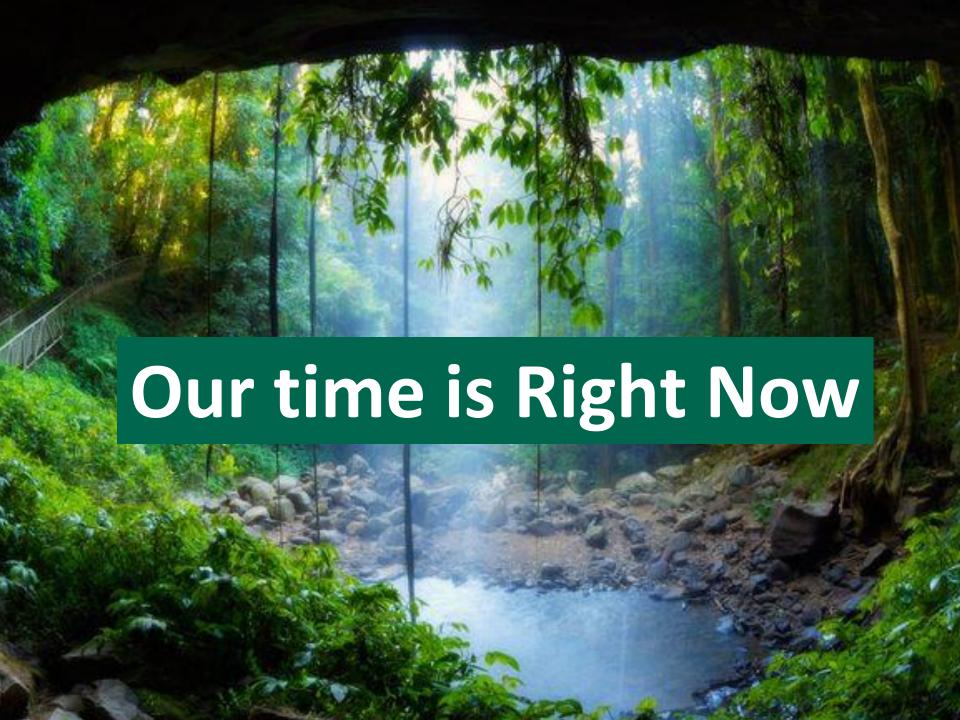
The Question is... What's your Superpower?

What do you, and your organisation find easy, that others find hard?









Thank You



Dr Penny Fidler



