



IAHV

**Climate Change threatens to wreck our planet
What you can do?**

**IAHV partners with Saving Our Planet
to Launch NOCO₂**

Liza Toth, Project Lead IAHV's Happy Planet, 20 January 2018

Sri Sri Ravi Shankar supports us on climate change

- On April 19, 2015 I spoke with Sri Sri in Bad Antogast about action on climate change. Sri Sri said that we should work through IAHV UK on this. Shriroop helped me with access.
- On 13 June, 2016, I went all the way to Liverpool to see Sri Sri, and had a private audience. He approved a proposal to work together with Saving Our Planet on Climate Change, including Education and Mitigation. Kamila helped me. Sri Sri said we should use a book my mother wrote for children.
- On January 1, 2017, at Bad Antogast, Sri Sri said we should introduce a 10-minute climate change segment in all Happiness Courses, to be launched at the teachers' meeting in March 2017.
- We then launched IAHV's Happy Planet for Education.
- Today we launch N0CO₂ from Saving Our Planet for Mitigation

“We are the first generation to feel the effect of climate change and the last generation who can do something about it.”

US President Barack Obama, September 2014

Climate Breakdown

- We are creating way too much CO₂
- Which is causing global warming
- Which is damaging our planet

Problem

- World leaders have agreed to keep global warming “well below 2C” [1]
- Why today we are on track for 3.5C or more global warming^[2] – which means dangerous climate change?
- Because World leaders have not yet committed to reduce and remove the CO₂ required

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It's time for us to stand up and show World Leaders we want action to stop climate change

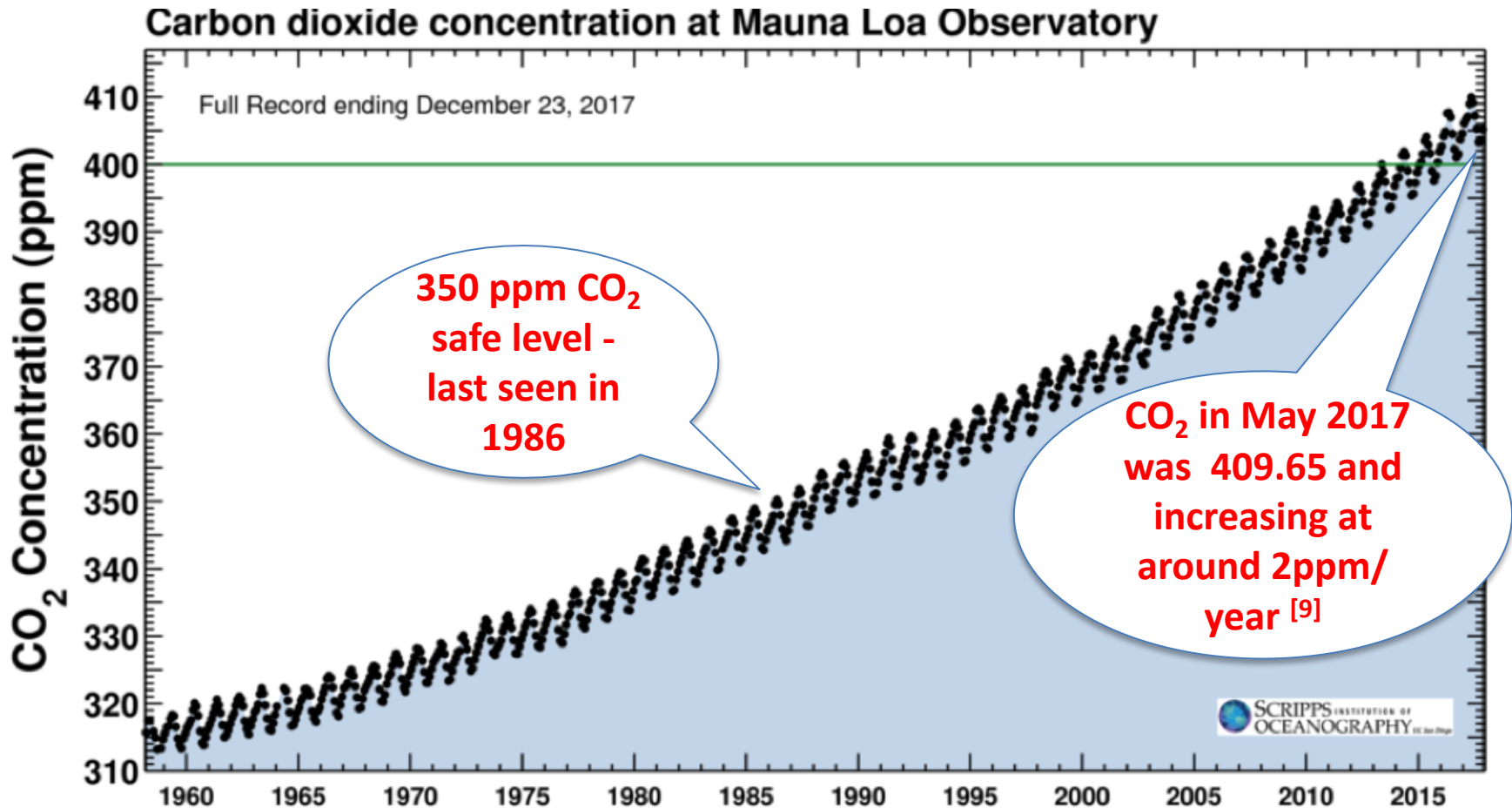
How big is the CO₂ problem?

Our CO₂ emissions are too high

- We are emitting **over 40%** more CO₂ than can be absorbed naturally ^[8]
- So CO₂ just stays in the air

So CO₂ in the air is increasing

- CO₂ is already over 400 ppm which is dangerously high
- And increasing at around 2ppm/year ^[9]



https://scripps.ucsd.edu/programs/keelingcurve/wp-content/plugins/sio-bluemoon/graphs/mlo_full_record.png



7.6 Tonnes is the Average UK CO₂ emissions /person/yr [6,7]
This lorry weighs 30 Tonnes, fully laden –
the weight of CO₂ from an average UK family of 4 in one year

N0CO₂ your easiest way to fight climate change

www.n0co2.org



one tonne
of CO₂



What's the threat from climate change?

“Global warming above 2°C could carry catastrophic consequences” says UN Intergovernmental Panel on Climate Change (IPCC) ^[10]


- Rising sea levels which inundate major cities
- Flooding, extreme heat, drought, leading to parts of the world becoming uninhabitable and crop failures
- Tens of millions of climate refugees, instability and conflict
- 2°C global warming risks further warming by triggering tipping points such as releasing methane from permafrost - which could cause unpredictable and irreversible damage to our planet

**At risk is the future of our children, our planet,
future generations and all wild animals**

We are all causing climate change.
It's time for us to stand up and **show**
World Leaders we want action to stop it

NØCO₂ your easiest way to fight climate change

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NØCO₂
Your easiest way to fight climate change

N0CO₂ Solution

3 easy ways for you to fight climate change

1 **Reduce** Your CO₂

We help you reduce your CO₂ emissions as much as you can.

It's easy. We show you how to reduce your CO₂ by 10-20% or more and make a real difference.

And you can join our online community. Join in and share practical ways to reduce CO₂ and fight climate change.

2 **Remove** Your CO₂

Then remove ALL the rest of your CO₂ footprint. Remove - not just offset or avoid emissions. And not just for your air travel.

We remove CO₂ by tree-planting. Trees are nature's way to remove CO₂. It's really easy. Donate now to fund tree-planting which removes your CO₂ from the air.

And we **double** your impact by planting trees in poor countries. This creates paid work which helps take people out of poverty and transforms their lives and their community

3 **Refer** N0CO₂ to others

You care about climate change? Please share with others how **N0CO₂** make it easy to take action, fight climate change and make a difference.

We provide simple messages about climate change which are easy to share on social media

Reduce Your CO₂

CO ₂ Source	CO ₂ per Unit	Average Emissions of CO ₂ per /person /year	How much can you reduce your CO ₂ ? UK Average Emissions is 7.6 Tonnes CO ₂ /person/year
Electric	0.527 kg per kWh	1 Tonne	Switch to 100% green electricity. You could save 1 Tonne CO₂ per person in your home
Gas	0.207 kg per kWh	1.9 Tonnes	Could you turn your heating down a bit? Save 10% and this will save around 200Kg CO₂ per person - and save 10% on your bill.
Car	2.68 kg CO ₂ per litre Diesel. 2.31 kg for Petrol	1.4 Tonnes	For your next car, go All-Electric, or Plug-In Hybrid. Now , could you save fuel by switching to another mode of transport?
Air Travel	125 kg per person per hour of flight	0.5 Tonnes	Some people are way over on these emissions. Air Travel creates 125Kg per person per hour of flight. If you must travel, use N0CO2 to remove your CO₂.
Plant based diet	800 kg /year/ person per for vegan. 350 kg for vegetarian	0.8 Tonnes	Vegetarian diet saves 350Kg CO ₂ per annum. Vegan saves 800Kg.

All figures are approximate and based on UK averages

Remove Your CO₂

- Trees are nature's way of removing CO₂
- We DOUBLE the impact by planting trees where this creates paid work for people who would otherwise not have a job.
- It's easy: You make a donation and we plant trees for you

Either: You donate to plant 100, 200, 500 or 1,000 trees.

Or: You plant sufficient trees so on average the trees remove ALL your CO₂ emissions for EVERY year going forward. To remove 7.5 Tonnes of CO₂/year you need 1,875 trees.

Will you do your bit?

- Reduce your CO₂ – Switch to green electricity
- Remove your CO₂ – Donate via IAHV (Qualifies for Gift Aid)
- Refer N0CO₂ to others
- Volunteer with IAHV Happy Planet
- Talk to me after!

“It is, surely, our responsibility to do everything within our power to create a planet that provides a home not just for us, but for all life on Earth”

Sir David Attenborough, Planet Earth 2, December 2016

Question for you

Who is concerned about climate change?

Question - 2

Who would like to take action to fight climate change?

Question - 3

Who would like to donate to remove some CO₂?

N0CO₂ your easiest way to fight climate change

www.n0co2.org

Questions?

N0CO₂

Saving  ur Planet



IAHV

International Association for Human Values (UK)

..... Backup slides about how exactly
does N0CO2 make a difference.....

So what's our plan?

- There is already a huge movement of organisations and individuals fighting climate change. But its not yet succeeding
- Climate Change is a worldwide problem. We need to hold World Leaders to account: to take action to reduce and remove CO₂ in order to deliver the commitment to keep global temperature to “well below 2C.”
- Most people are aware of climate change, but don't know what is going on and don't know what they can do about it
- **N0CO₂** is about going to the wider public, to inform people what is really going on, so people can take action and show our political leaders what we want: to reduce and remove CO₂ in order to avoid dangerous climate change.

Where does CO₂ come from?

- Around 65% of CO₂ is from energy we use: coal, gas and oil ^[3]
- We buy electricity, gas for central heating, petrol and diesel for cars, fuel for air travel.
- CO₂ is emitted to produce and transport products we buy, and to produce steel and cement buildings and infrastructure
- And CO₂ is released by clearing rainforests and other forests for agriculture or building.
- CO₂ is produced by agriculture. Cattle and sheep produce methane - which is 25x more damaging than CO₂ ^[4]

N0CO₂ is from Saving Our Planet

Saving Our Planet is an International non-profit:

- 1) To inspire people to work together to save the planet
- 2) To convince World Leaders to make the fight against climate change their number one priority.
- 3) To promote scientifically founded knowledge about climate change, by essential information, training and videos – the real truth about climate change

Saving Our Planet is registered in France as a public interest non-profit, under Association Loi 1901, Registration Number W751235109.

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Sources

- [1] Agreement to keep global warming well below 2C http://unfccc.int/paris_agreement/items/9485.php
- [2] Our planet is on track for at 2.8°C of global warming or more <http://climateactiontracker.org>
- [3] 61% of people around the globe identify climate change as a threat to national security <http://www.pewglobal.org/2017/08/01/globally-people-point-to-isis-and-climate-change-as-leading-security-threats/>
- [4] Need ref to 65% of CO₂ Eq from fossil fuels Source: Paragraph SPM.3 of: https://www.ipcc.ch/pdf/assessment-report/ar5/wg3/ipcc_wg3_ar5_summary-for-policymakers.pdf
- [5] Methane from cattle and sheep is 25x more damaging than CO₂. Table ES-1 of https://www.epa.gov/sites/production/files/2017-02/documents/2017_executive_summary.pdf
- [6] UK CO₂e emissions 2015 are 7.6 Tonnes per person
Source for 7.6 Tonne is Dept for BEIS 2015 UK Greenhouse Gas Emissions 496 MtCO₂e
https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/589602/2015_Final_Emissions_Statistics_one_page_summary.pdf
- [7] UK Population mid 2015 is 65.11m:
<https://www.ons.gov.uk/peoplepopulationandcommunity/populationandmigration/populationestimates/bulletins/annualmidyearpopulationestimates/mid2015#main-points>
- [8] We are creating 43% more CO₂ than can be absorbed naturally by the oceans, plants, trees, and in the soil <https://www.gov.uk/guidance/climate-change-explained>
- [9] CO₂ ppm in May 2017 was 409.65 and in April 1986 was 350.38 <https://www.co2.earth/monthly-co2>
- [10] UNFCCC about temperature over 2C having catastrophic consequences – <http://www.un.org/en/sections/issues-depth/climate-change/>