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COMMENTS ON SPECIFIC TOPICS

6th CARBON BUDGET

Q Tom Broughton (EcoChi www.ecochi.org.uk): Does CCC 6th Carbon budget meet the reduction indicated in Tony’s slide? I’m very interested in large scale renewable generation. To meet CCC 6th Carbon Budget target for RE. Needs 15MW of solar in Chichester District every year from now till 2050. But local electricity network is not able to absorb this amount of electricity generation. Anyone interested in forming group to lobby DNOs?

A Dan Osborn (Chair CPRE Sussex): The 6th budget is based around keeping below 2 degrees / 1.5 degrees. The current international promises under Paris Agreement would lead to just above 2 (I am guessing here as G7 in Newquay moved the picture in right direction). The actual emission trajectories imply towards upper end between 3 and 4 roughly speaking.

AIR TRAVEL

- **Mandi Bissett (The Southampton Collective):** There will be a Judicial Review of the Southampton Airport expansion: <https://www.gofundme.com/f/soujr>
- **Sally Pavey (CAGNE): This is the umbrella aviation community and environment group for Sussex Surrey and Kent** www.cagne.org
 - CAGNE has a series of environmental talks starting in June. Time is Ticking with expert speakers covering a number of topics all related to Gatwick expansion plans bigger than Southampton and Stansted together
 - 2nd runway at Gatwick will take them over 1mt CO2 a year 75m passengers a year
- **Paul Street (Dorking Climate Emergency DEC in Surrey** <https://dorking-climate-emergency.net/>):
I believe the 6th carbon budget excluded aviation, shipping, consumption based emissions (ie imported stuff). UK has substantially exported its emissions to other countries. And this makes UK net zero not anywhere near zero!
Response Tony Whitbread Sussex Wildlife Trust: Paul - that was my worry too.
- **Les Gunbie (Hanover Action, Brighton):** towards a sustainable community <http://www.hasl.org.uk/> Note <https://fossilfuel treaty.org/>

CYCLING

Philip Maber (Singleton Forest Watch, ChiCycle) www.chicycle.co.uk

- Heritage railway route pathway under threat - from Chichester www.centurionway.org.uk
- **Dan Osborn (Chair CPRE Sussex):** An irony in actions being taken to promote cycling is the amount of land being lost for cycleways - some of which are 5m wide (i.e. wider than some roads)

Geoff Barnard (Greening Steyning): Hi Dan - would be keen to hear CPREs views on how to move ahead with cycle paths. It's a big issue on Greening Steyning's longer term agenda - but it does imply taking land. Maybe follow up offline.

Dan Osborn (Chair CPRE Sussex): Geoff Barnard asks about cycleways and CPRE position. CPRE is keen to promote cycling as an alternative to car travel - I think alternative is the key word here. What is happening at present across the south-east is that cycle routes are being built as an addition to a road. So in Burgess Hill the road alone would be 5m but the road plus cycleway might be 12-15m including the verges. A discussion around this issue is needed partly because a good number of mature trees are being felled to deliver cycleways. Agree follow-up off-line.

CLIMATE HUBS

- **Carrie Cort (Sussex Green Living):** Sussex Green Hub is being launched on 25th Sept in the United Reform Church in central Horsham. This is one day a month, a stepping stone to a permanent climate hub <https://www.sussexgreenliving.co.uk/sussex-green-hub/>. It will include our Repair Café, Transition Horsham, Horsham community fridge, Horsham Eco Churches plus other groups in due course.
- **Keith Oldham (Seaford Environmental Alliance):** Seaford Environmental Alliance will have a permanent large building climate hub down town for repair cafe/ workshops/ etc. The building is free as its a charity.
- **Paul Street (Dorking Climate Emergency):** The Mole Valley Climate HUB is launching in the high street (shop) in Leatherhead on 21st Sep. We have support from MV District Council and doing with Surrey LifeLong Learning Partnership.
- **Sally Barnard (SECA /Greening Steyning):** There is a network of Climate Emergency Centres (climate hubs) <https://climateemergencycentre.co.uk/>
- **Sally Barnard (SECA/Greening Steyning):** Ben Mc Callan from Zero Carbon Guildford is interested with linking up with other climate hubs - there is already a ;local network he is at ben@zerocarbondguildford.org
- **Carrie Cort (Sussex Green Living):** Ben from Guildford Climate Hub gave a talk for us, it is recorded and his slides are here <https://www.sussexgreenliving.co.uk/guildford-community-hub-unites-community/>
- **Q from Geoff Barnard (Greening Steyning):** Knowing how much work is involved in setting up a Hub - do you think Dinah Morgan that it would work in small towns & villages, or does it need a bigger community to reach critical

mass? Dinah Morgan response: Please start where you are with what you've got and build on it. People will join!

- **Q from Maureen O'Grady (EcoChi):** How do you finance the hub Dinah? Dinah Morgan (Lewes Climate Hub) response: We got an initial small grant from town council for rent and reduced rent premises from District Council

CAMPAIGNS

- **David (BrandB Radio, Brighton):** Please would anyone interested in contributing their actions/campaigns/projects/stories click on www.brandbradio.com and then use the 'Contact Us' widget. Also email info@brandbradio.com Thank you.
- **Emily Mott (Weald Action Group):** Protect at least 30% of the planet's land and ocean by 2030. Please sign and share the 30x30 petition here: <https://www.campaignfornature.org/petition/>

COP26

- **Sue James (Havant):** Good resources for schools and churches on COP26 on <https://www.oneworldweek.org/resources>

HEMP

- **Dinah Morgan (Lewes Climate Hub):** www.hempbuildmag.com/home/as-lumber-prices-surge-hemp-blocks-get-a-closer-look?
- <https://metro.co.uk/2021/06/09/hemp-hailed-as-worlds-most-versatile-natural-product-in-climate-change-fight-14744250>
- Brilliant article by Oxford University on hems role as greatest carbon sink, plastic/petro chemical replacement, super plant food, soil enhancer etc! Please read. We need to think about it here-it is currently less than1% of agricultural land
- How can we ignore Hemp's healing power and multi purpose credentials in this Emergency? It means we don't even need to use hydrogen as it produces fuel whilst cleaning and replenishing the soil. At the same time providing a haven for wildlife. As a building material it is fire-proof water-proof acoustic-proof but most importantly Carbon Negative.
- **Danny Lee (PeCAN):** I have tried previously to promote Hemp as agric industrial product. Carbon sequestration is fast for this plant and you get several crops a year. And products that can be made from Hemp are

numerous. One hectare of industrial hemp can absorb 15 tonnes of CO2 per hectare. Helps CC & local economy etc etc.win win!

The Role of Industrial Hemp in Carbon Farming <https://hemp-copenhagen.com/images/Hemp-cph-Carbon-sink.pdf>

- **Keith Oldham (Seaford Environmental Alliance):** Hemp is widely grown in Oregon

HYDROGEN

- **Les Gunbie (Hanover Action, Brighton):** <https://greaterbrighton.com/sussex-green-hydrogen-revolution-sparks-into-action/>
- **Emily Mott (Weald Action Group):** Really important to learn more about Blue vs Green Hydrogen.
- **Ann Stewart (Weald Action Group):** Hydrogen and the net-zero carbon economy available at <http://www.wealdactiongroup.org.uk/resources/>

KELP

- **Emily Mott (Weald Action Group):** SWT's 'Help our Kelp' project <https://sussexwildlifetrust.org.uk/what-we-do/living-seas/kelp>
- **Gabe Crisp (Adur Green Councillor):** Sussex Bay project is developing a blue carbon sequestration financial instrument to sell the captured carbon for carbon offsetting. The kelp forest is being regrown btw Littlehampton and Eastbourne. This is a very exciting project. But lots of new things to develop so unsure of long-term outcome.

SONGS

- Sue James (Havant), also Emma Tristram (Binstead and A27 Bypass): Sing for the Climate https://www.youtube.com/watch?v=3_pFZe0cOI4
- Environmental songs for schools from Portsmouth music hub. All free to use: <https://www.portsmouthmusichub.org/one-world/songs>

SUPERMARKETS

- **Les Gunbie (Hanover Action, Brighton):** On supermarkets, I'm sure people in Worthing are aware of hisbe: <https://www.facebook.com/HISBEWorthing/>
- **Dan Osborn (Chair CPRE Sussex):** Watch out for Coop initiatives that are upcoming I think

YOUTH

- **Emily Mott (Weald Action Group):** good example of youth movement here: <https://worldoceanday.org/youthengagementduringpandemic/>
- **Q Cressie Gethin (Youth):** Are there links for the youth podcast training, Dinah?

RESOURCES & INTROS FROM PARTICIPANTS

Gonzalo Alvarez (Chair UN Association Climate & Oceans) <https://www.una-climateandoceans.org/>

- Recently launched the UN Decade on Ecosystem Restoration in the UK. The idea is to have holistic approach, restoring from micro-ecosystems in the UK, etc.
- Please visit our website's Three Dimensional Environmental Exhibition-it is amazing how you can "walk" inside the virtual world!
- Our UNA Youth Council has just organised a fantastic Climate Crisis: Youth in Action, addressing these climate challenges. We had amazing speakers, from different parts of the world.
- Social platforms are really good. Here is our Instagram page <https://www.instagram.com/unaclimateoceans/?fbclid=IwAR39WsWFRcNz5oylsrpdng4wDsfQ9Y8KByi3TStRwj4fHLoUvVU8AUqW-Hw>
- Networking is very important. UNA Climate & Oceans (South East) is seeking networking, new partnerships, collaboration with Groups, Projects, individuals in the South East contact@una-climateandoceans.org

Mandi Bissett (The Southampton Collective - we work on sustainability & health projects in Southampton eg Breathing Spaces):

- <https://theconversation.com/climate-scientists-concept-of-net-zero-is-a-dangerous-trap-157368>

Danny Lee (PeCAN - Petersfield Climate Action Network): I am from Petersfield, Hampshire Email danieljohn.lee@ntlworld.com

- https://petersfieldcan.org/?fbclid=IwAR2mgcSYzFTJDGOWfiDrv_lz2awXiHt4sOas1ZCkLs9DudWD8-t1mno6vHc
- <https://petersfieldcan.org/media/utqdzmxt/impact.png>

- <https://petersfieldcan.org/media/sj3lkqjo/rubbish.png>
- <https://petersfieldcan.org/media/3hxfnpae/dietary-emissions-01.png> reduces emissions through diet change
- <https://petersfieldcan.org/media/psmhcgee/plants-for-pollination.png> what can you do to improve wildlife in your gardens
- <https://petersfieldcan.org/media/2s2h5zcm/towards-a-residents-climate-action-plan-v4.pdf> 'Towards a resident Action Plan'
- <https://petersfieldcan.org/media/l3bj3ik2/proposal-to-ehdc-councillors-to-support-increasing-biodiversity-in-petersfield-verges.pdf> Ask Councillors to make space for nature by supporting a new approach to verge management
- 29 million homes in the UK, currently only 1 million are heated using low-carbon methods. =14% of UK greenhouse gas emissions, mostly from gas boilers. Low hanging fruit for change with the right promotion and tooling up by industry with Govn incentives ;-)
- The Triple Challenge. More than just about the Climate Crisis. UN offers science-based blueprint to tackle climate crisis, biodiversity loss and pollution <https://news.un.org/en/story/2021/02/1085092>
- Here is a link to the Parish-based tool on emissions produced very recently by Exeter University. <https://impact-tool.org.uk/about> . It is very very easy to use. From this link just enter your Parish (seems to work for Town names too which are often similar in geography). This takes you to a diagram. Delve into the detail (two main diagrams available) and you can see how much your Parish contributes to aviation emissions for example. I stress this is a very simple tool. There are other tools out there. See SECA blog about the tool <https://seclimatealliance.uk/impact/>
- Wildlife and rewilding - @Natures Ark

Emily Mott (Weald Action Group): From Stansted Park/Havant/Emsworth region fighting oil and gas development across Weald.

- Excellent resource from US: People's Curriculum For the Earth/ Bill Bigelow + Tim Swinehart

Dan Osborn (Chair CPRE Sussex - The Countryside Charity, formerly known as the Campaign to Protect Rural England)

- I will put up a series of links to the independent Climate Change Risk Assessment (CCRA3) that was launched last week. The main webpage: <https://www.ukclimaterisk.org/> . This assessment is the evidence that will underpin the government risk assessment.
- This is the link to the "Advice Report" that summarises main findings: <https://www.ukclimaterisk.org/independent-assessment-ccra3-advice-report/> . This has been written with the policy teams that need to act in mind.
- This is the link to the chapter that is perhaps most relevant to local communities. It covers all sorts of issues that are some of the main features of the advice report: <https://www.ukclimaterisk.org/wp-content/uploads/2021/06/CCRA3-Chapter-5-FINAL.pdf> . The report is very long but it has a neat summary with main points in bold.
- Link to a YouTube of the CCRA3 launch event. Hear Baroness Brown and staff from the Adaptation Committee Secretariat plus Exeter University speak about the main findings: <https://www.youtube.com/watch?v=qbzqRW80w68>
- The items Francesca said are missing are really important. The CCRA3 launch was very big on nature base solutions and adaptation of course. Huge emphasis on local authorities and community action. Stressed the need to ADAPT as well as reduce emissions. Failure to adapt would cost 100s of billions globally.
- When we talk about 2 degrees this is an average across the globe. Change is higher than 2 the closer to the poles you go. So now in both the Arctic and Antarctic research teams are reporting temperatures 3 to 5 degrees above long term average. The global figure is just over 1 degree at present. UK details for now and future times in CCRA3 video and report.
- LAs and emissions report: <https://www.theccc.org.uk/publication/local-authorities-and-the-sixth-carbon-budget/#:~:text=The%20Sixth%20Carbon%20Budget%20can%20only%20be%20achieved,are%20made%20at%20a%20local%20and%20individual%20level> .
- CPRE Sussex is working on "The Future of Sussex" as a small internal project - this includes climate and is looking for positive solutions. Happy to share our thinking thus far.

Christine Southam (SBTN): Works part time with Science Based Targets Network
Email: christine@sbtnetwork.org

- <https://sciencebasedtargetsnetwork.org/take-action-now/take-action-as-a-city/>
- Useful for those influencing councils / cities
<https://sciencebasedtargetsnetwork.org/wp-content/uploads/2020/11/SBTs-for-cities-guide-nov-2020.pdf>
- There's also one for corporate / business.
<https://sciencebasedtargetsnetwork.org/take-action-now/take-action-as-a-company/join-the-sbtn-corporate-engagement-program/>
- In terms of energy and net zero, architecture this could be of interest
<https://www.energyproltd.com/our-team>
- <https://globalcommonsalliance.org/> is a huge partnership - holding some amazing interactive spaces at COP26 and works with NowThis Earth (the media arm)

Carl Wright (Chair CCAP Canterbury Climate Action Partnership; Secretary-General Emeritus Commonwealth Local Government Forum or CLGF and Trustee of United Nations Association-UK):

- Lots of good work by many councils but the elephant in the room is that UK is among the most centralised governance systems in the world with powers & resources concentrated in Whitehall and local councils having totally inadequate finances, even at metro mayor level. Worth looking at what councils overseas are able to do with greater decentralisation eg <https://www.iclei.org> ; <https://www.local2030.org>
- CCAP is organising Canterbury Climate Action Week 24-29 October just prior to COP26 with public events in Canterbury District organised by our local governments, CSOs, universities/schools, faith groups, local business etc also in association with the Canterbury Festival, kicked off by Canterbury Cathedral event on 24 October with Bishop of Dover.

SUGGESTIONS for SECA

- **Mark Francis (XR Horsham):** There is lots of detail on the topics that we want to engage the councils on. The legal/govt frameworks are constantly changing. Its hard to keep up. Should we have SECA "experts" on the 5 (?) areas we engage with councils on. These people will know who the "Best in Class" councils are, and will be up to date on the legislation issues etc.
- **Philip Maber (Singleton Forest Watch, ChiCycle):** Focus on helping to read stuff to help Councillors.
- **Paul Hannam (Greening Steyning):** Why not make SECA a group of climate or change champions and why don't we become experts in the change process? We could become a mutual support group, sharing best practices in change management ie a collaborative network in change champions.
Dan Osborn (Chair CPRE Sussex): Champions for Change is a powerful phrase
- **Danny Lee (PeCAN):** Re change - suggest we start by using use the Force Field Analysis tool. We need to understand the Assistors and Resistors to make the change. Too often we pick on 'Assistors' when we need to focus on the 'Resistors'.