

# ***“The world is stuck in energy “no-man’s land” between fossil fuels and renewables”***

the pioneering environmentalist Jonathon Porritt has told ELN

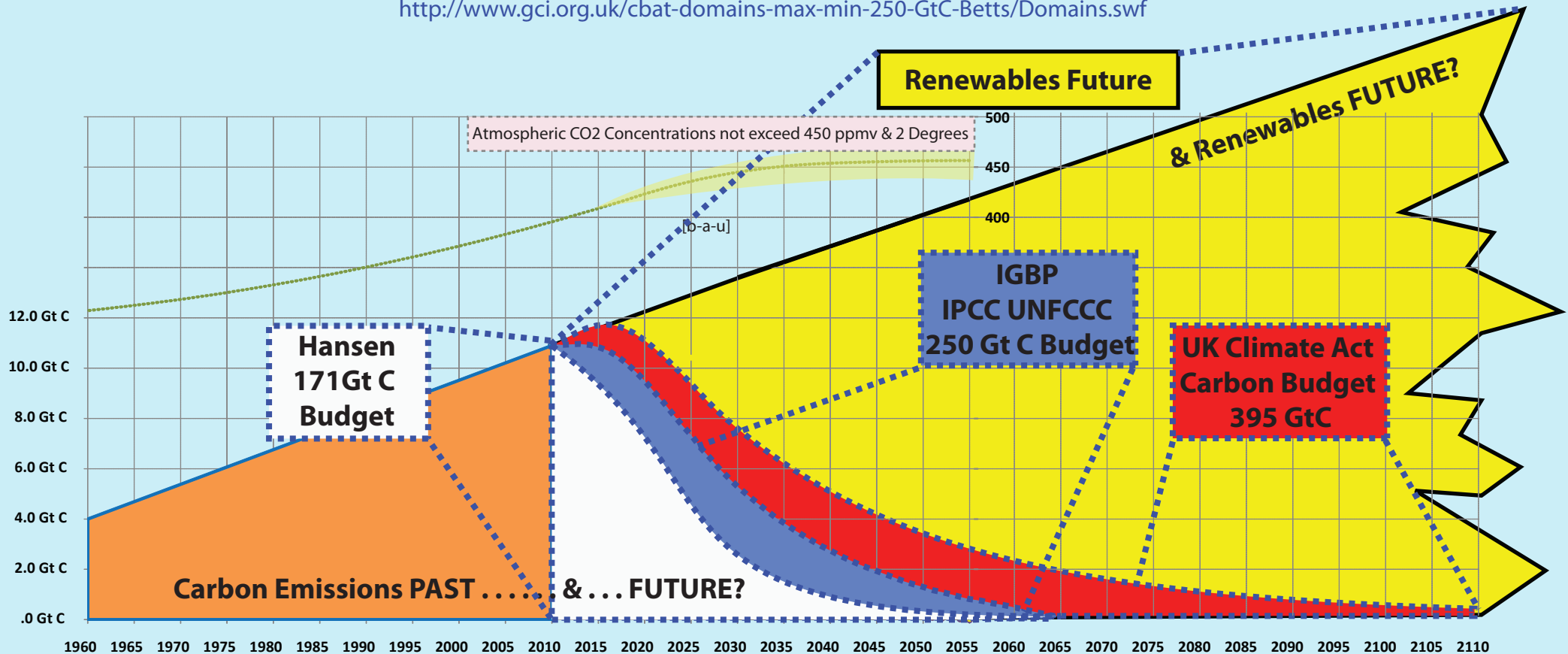
<http://www.energylivenews.com/2013/12/13/world-is-stuck-in-energy-%E2%80%9Cno-man%E2%80%99s-land%E2%80%9D/>

**UK Climate Act Carbon Budget 395 GtC; ‘revision not needed’ says Climate Change Committee [CCC].  
But IPCC/UNFCCC/IGBP says 395 Gt C is too much. We all agree that only 250 GtC keeps under 2C.**

**James Hansen says 171 Gt C for 1.5 C and Jonathan Porritt’s message now is: -  
‘ditch fossil fuels in favour of going to 100% ‘Renewables.’ [Get beyond the ‘no-man’s land’].  
OK, fair enough, and why not, good for you, but we’ve all known that for twenty-five years.  
The critical issue now is the RATE; ‘How-much-how-soon, to avoid doing too-little-too-late?’**

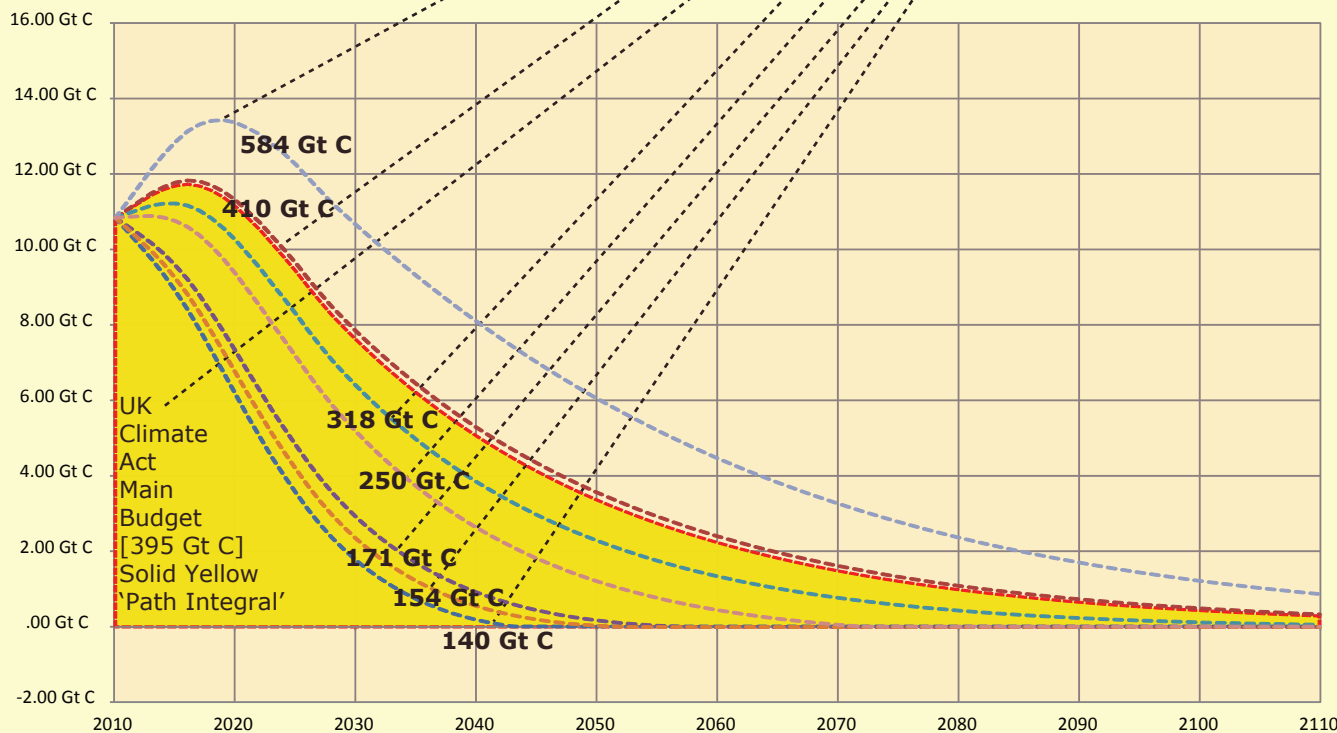
**This is the central budget-question that CBAT sets out so users can choose answers: -**

<http://www.gci.org.uk/cbat-domains-max-min-250-GtC-Betts/Domains.swf>



Below is **the HUGE Range** of Carbon Budgets [584-140 GtC] from a Range of Experts [UKMO, Betts UKMO, IGBP IPCC UNFCCC, Hansen, McKibben, Betts UKMO] Laid Out over the Path Integral of the UK Climate Act [at 395 Gt C all claiming to achieve around or less than an overall 2 Degree Celsius Temperature Rise by 2100 [NB Hansen claims less than 1.5 C].

Source	Gigatonnes in Carbon Budgets [Gt C] 2010 - 2110 for 2 Degrees
Upper Limit UK Climate Act	584 Gt C
Upper Limit Richard Betts UKMO	410 Gt C
UK Climate Act Main Budget	395 Gt C
Lower Limit UK Climate Act	318 Gt C
Absolute Limit IGBP UNFCCC IPCC	250 Gt C
Lowest Limit James Hansen	171 Gt C
Absolute Limit 'Do the Maths' McKibben	154 Gt C
Lowest Limit Richard Betts UKMO	140 Gt C



### Reactions/Adjustments

There was a demand to insert and highlight **these words** . . .

Dr Hansen's Team said their fossil carbon-integral was 171 Gt C and not the 204 Gt C shown previously. Their start weight was lower hence the fall from there at 6%/yr gave a lower integral.

This has been recalculated and is shown here as same integral but from the same start date as the rest [10.9 Gt C-2010].

Mr Betts UKMO said, 'you have misrepresented me again,' but has failed to supply details or his carbon budget calculations when requested so to do.

The range he previously quoted was 410 Gt C to 140 Gt C. This is repeated here.

However, for the IGBP/UNFCCC/IPCC, Betts UKMO, Hansen and McKibben curves, all negative emissions have been removed while the 'integrals' [weights] are as stated, the 'paths' have been slight adjusted to reflect that.

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