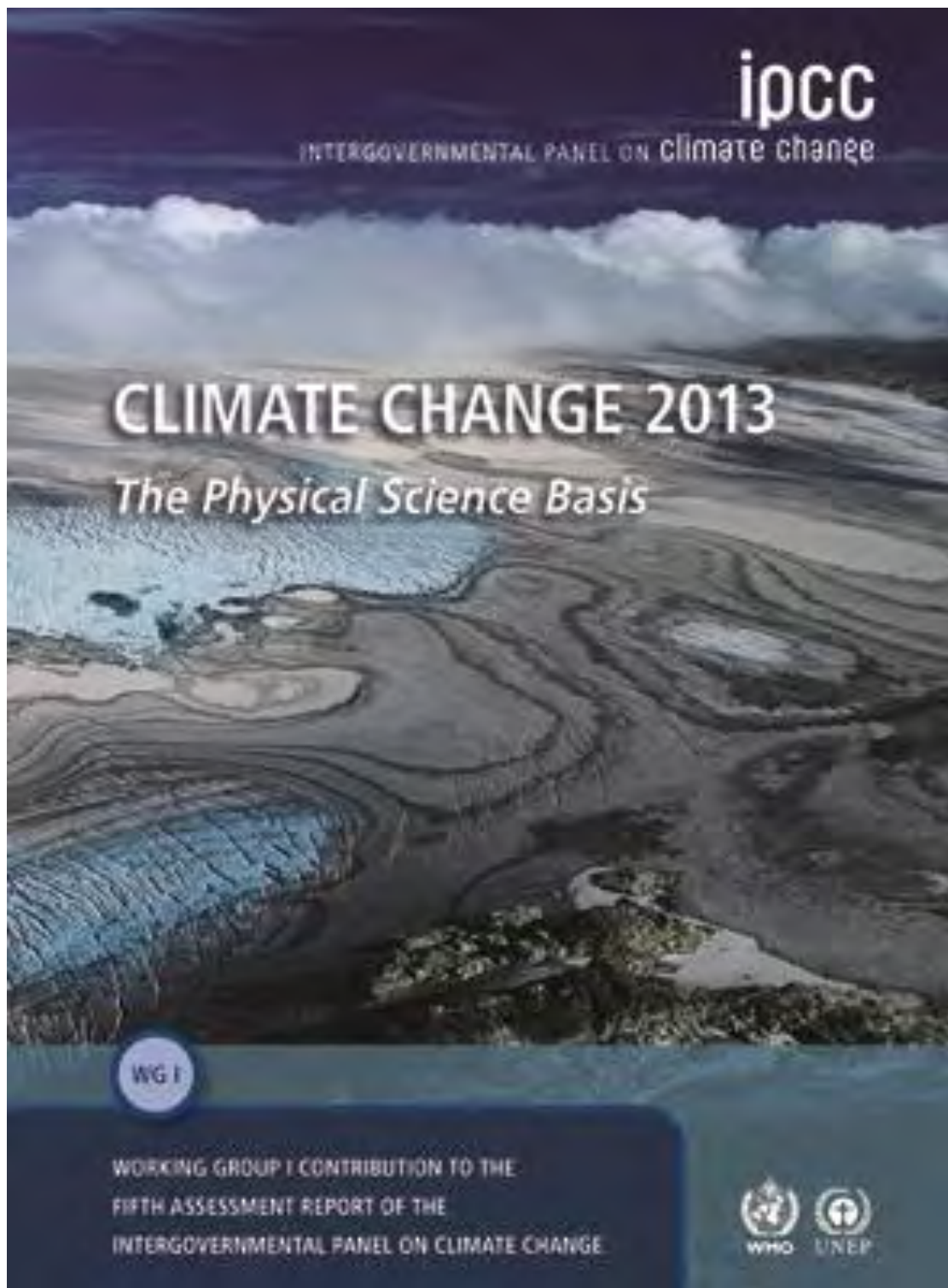


IPCC WG1 SUMMARY for POLICY MAKERS ... is 'Approved' and is now 'public'.

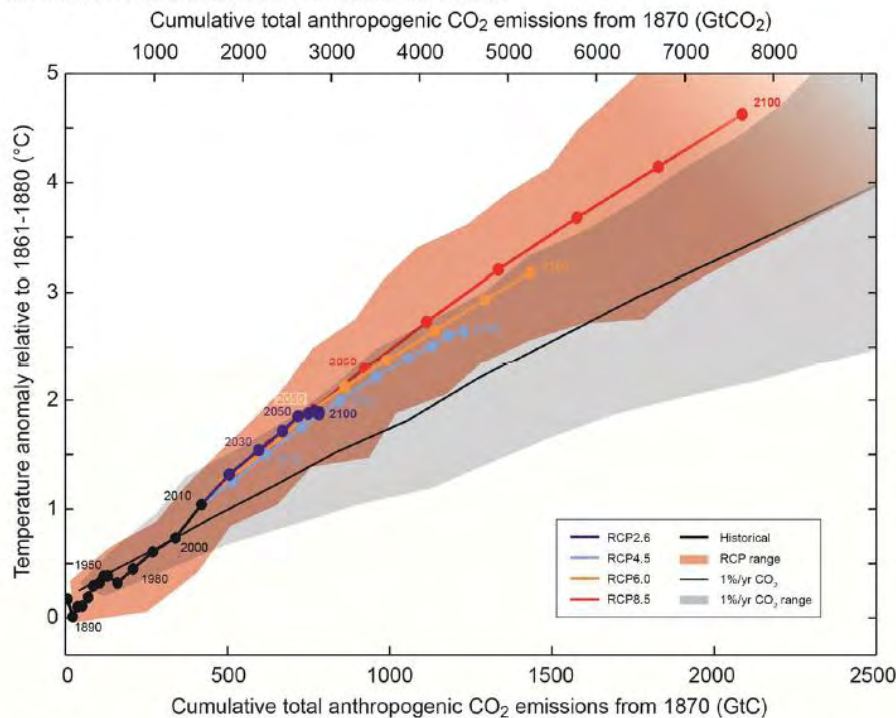
Their performance is even weaker than predicted: -

http://www.gci.org.uk/Documents/WGIAR5-SPM_Approved27Sep2013.pdf



Now IPCC appear to have removed all path-integrated future emissions limits [as in the drafts]. Now they just 'accumulate' different RCPs to different levels [Fig 10]: -

Figure SPM.10 [FIGURE SUBJECT TO FINAL COPYEDIT]



This is now what the Summary for Policy-Maker [SPM] says instead: -

"Limiting the warming caused by anthropogenic CO₂ emissions alone with a probability of >33%, >50%, and >66% to less than 2°C since the period 1861–1880, will require cumulative CO₂ emissions from all anthropogenic sources to stay between 0 and about 1560 Giga-tonnes Carbon [Gt C] 0 and about 1210 Gt C, and 0 and about 1000 Gt C since that period respectively.

These upper amounts are reduced to about 880 Gt C, 840 Gt C, and 800 Gt C respectively, when accounting for non-CO₂ forcings as in RCP 2.6. An amount of 531 [446 to 616] Gt C, was already emitted by 2011."

Unfortunately, as can be seen from the source material and as the UK Met Office [UKMO] has repeatedly admitted, as the IPCC's 'Representative Concentration Pathways' [RCP] scenarios all omit key feedback effects [such as Arctic and Permafrost melt] so these figures under-estimate what lies ahead: -

http://www.gci.org.uk/Documents/IPCC_AR5_Underestimates_Climate_Change.pdf

IPCC scientists say, '*how dare anyone suggest these omissions are deliberate?*' [sic]: -

So it was an accident then? [and this is 'science? Of course it was 'deliberate'] . .

So you just didn't know how to do it? [You've had 25 years to do it so far] . . .

So it was just inconvenient to have to get off the pot? [Clearly, since your climate-change-research-grant food-chains are still functioning, you still need it to sit on it?].

This 'potty-fix' ['variant feedback-denial'] is as bad as 'climate-denial' per se. It actually assists those other primary 'climate-deniers' who, according to Hansen, are already committing crimes against humanity.

Carbon Budget Accounting Tool [CBAT] MEDIUM BUDGET Upper Band *deceleration* 'feedback-curve' compared with the *acceleration* 'feedback-curve': -

<http://www.gci.org.uk/CBAT/cbat-domains/Domains.swf>

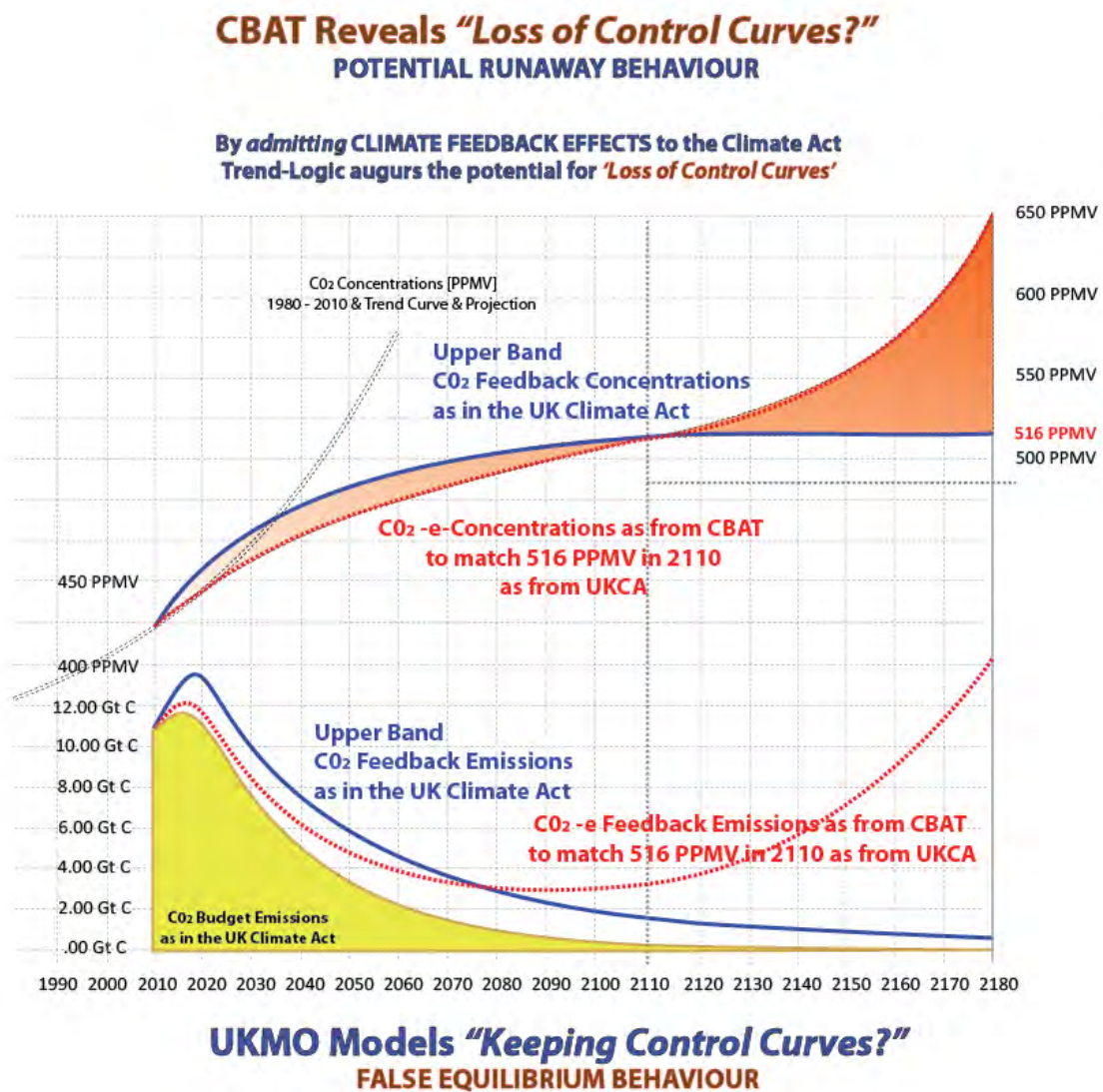
These coincide at 516 Parts Per Million by Volume CO₂ [PPMV] in 2110.

UKMO's deceleration curves goes above the PPMV trend at the outset.

Then, because many feedback effects were omitted from their model, the PPMV curve decelerates to stasis, even though the UK Climate Act [UKCA] asserts that the planet will warm another degree Celsius during the 21st Century with this scenario.

This is obviously unrealistic as inter alia much Arctic and Permafrost melt will occur during this period, as the slow start CBAT acceleration curves show.

Emissions Budgets – Weights Rates and Dates can all be read off the GUI clocks as the Budget Slider is used: - <http://www.gci.org.uk/CBAT/cbat-domains/Domains.swf>

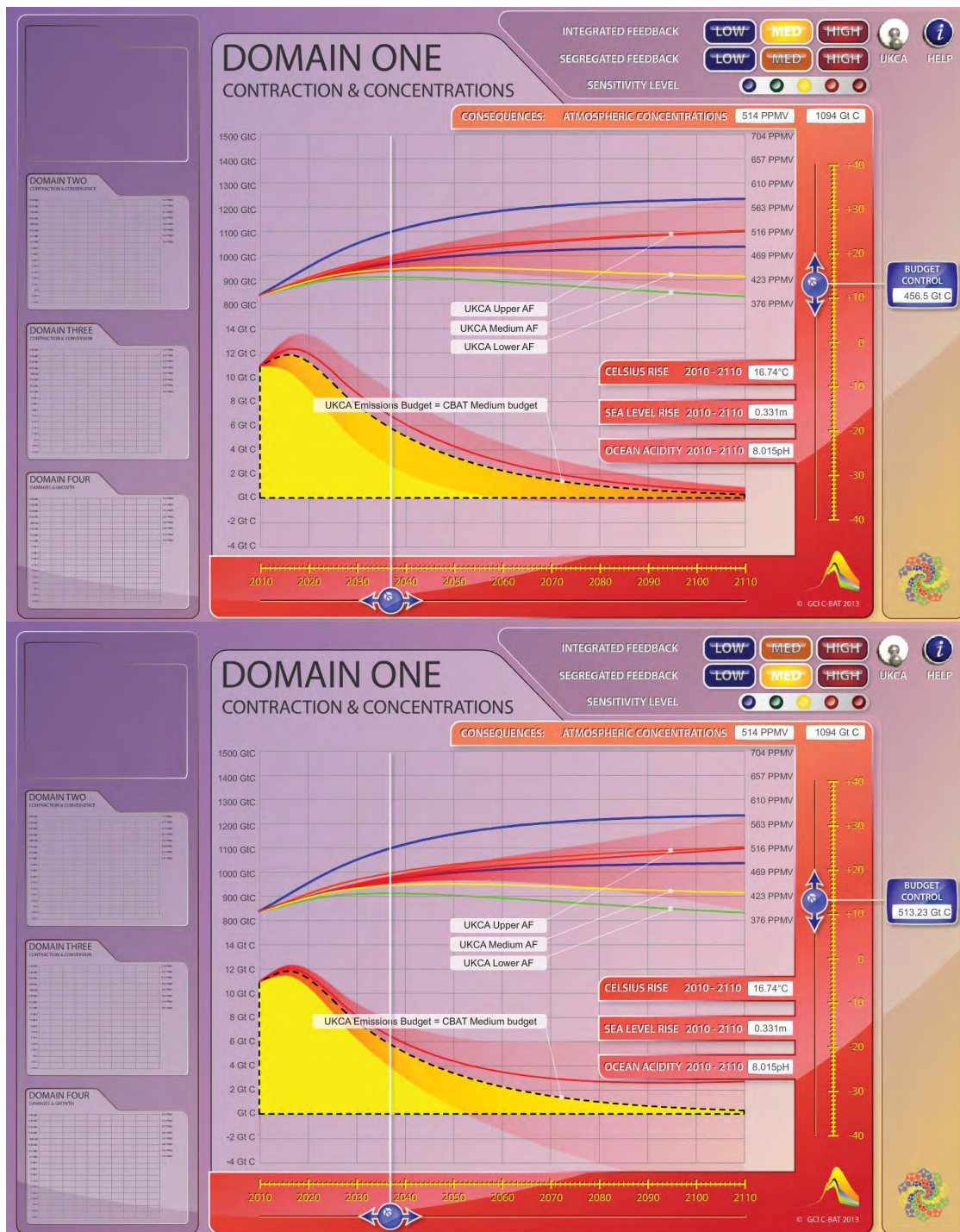


Carbon Budget Accounting Tool [CBAT]

GCI has proposed the Carbon Budget Accounting Tool [CBAT] to the EAC to start a conceptual process where the effects of these feedback effects can be represented and trend-integrated into Climate & Policy models: -

<http://www.gci.org.uk/CBAT/cbat-domains/Domains.swf>

Compare Integrated Feedback Effects [UKMO & feedback omissions] with Segregated Feedback Effects [CBAT & feedback inclusions]



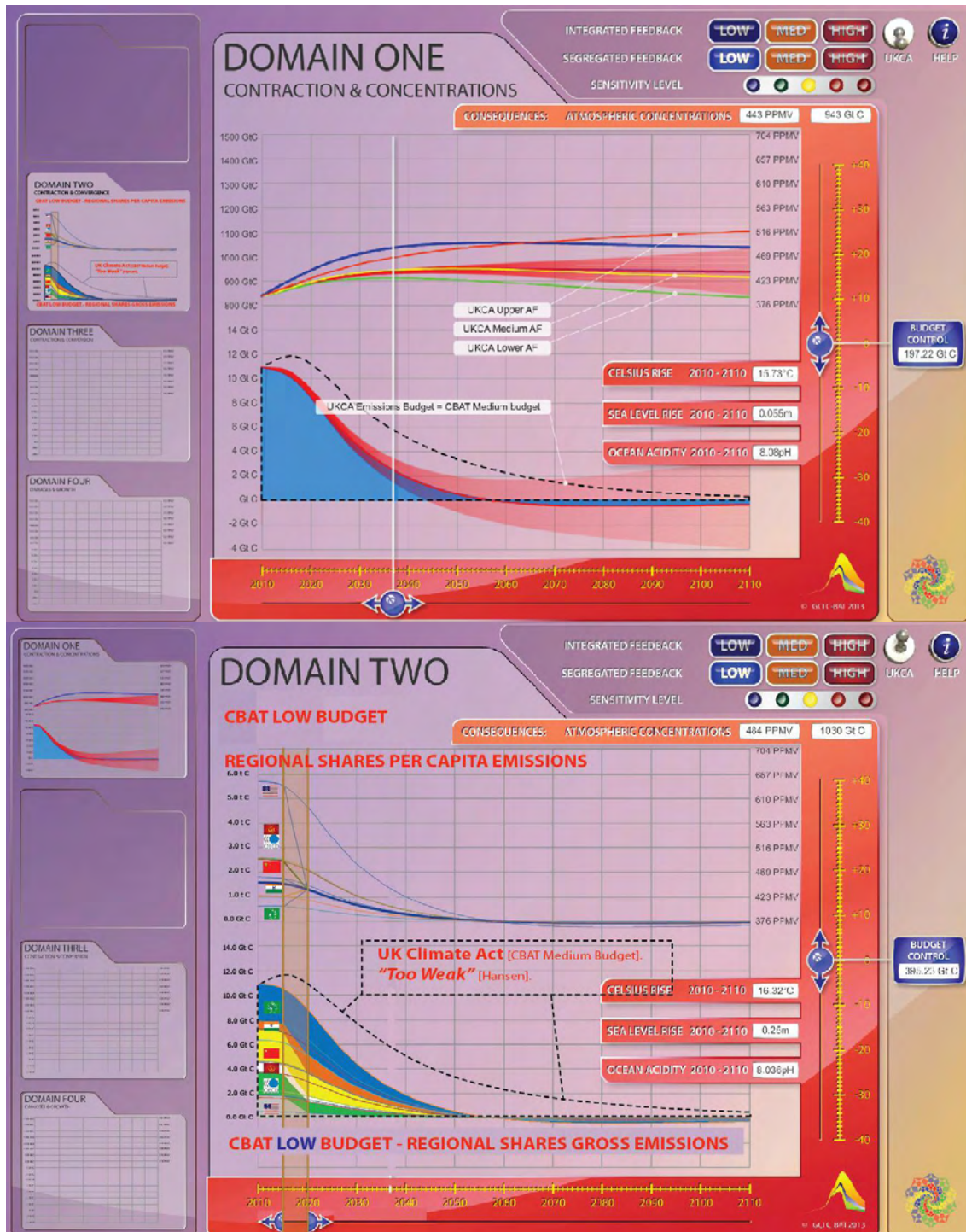
http://www.gci.org.uk/Responses_to_CBAT.html

Carbon Budget Accounting Tool [CBAT]

Partly because of the omission of feedback effects, partly because of under-estimated 'climate sensitivity', the UK Climate Act has been described as, *"too weak"* [Hansen to EAC Enquiry 2013]: - http://www.gci.org.uk/Documents/EAC_Real_.pdf

Here is CBAT LOW Budget Domains 1 & 2.

The UK Climate Act is CBAT MEDIUM Budget [See UKCA switch in outline below]

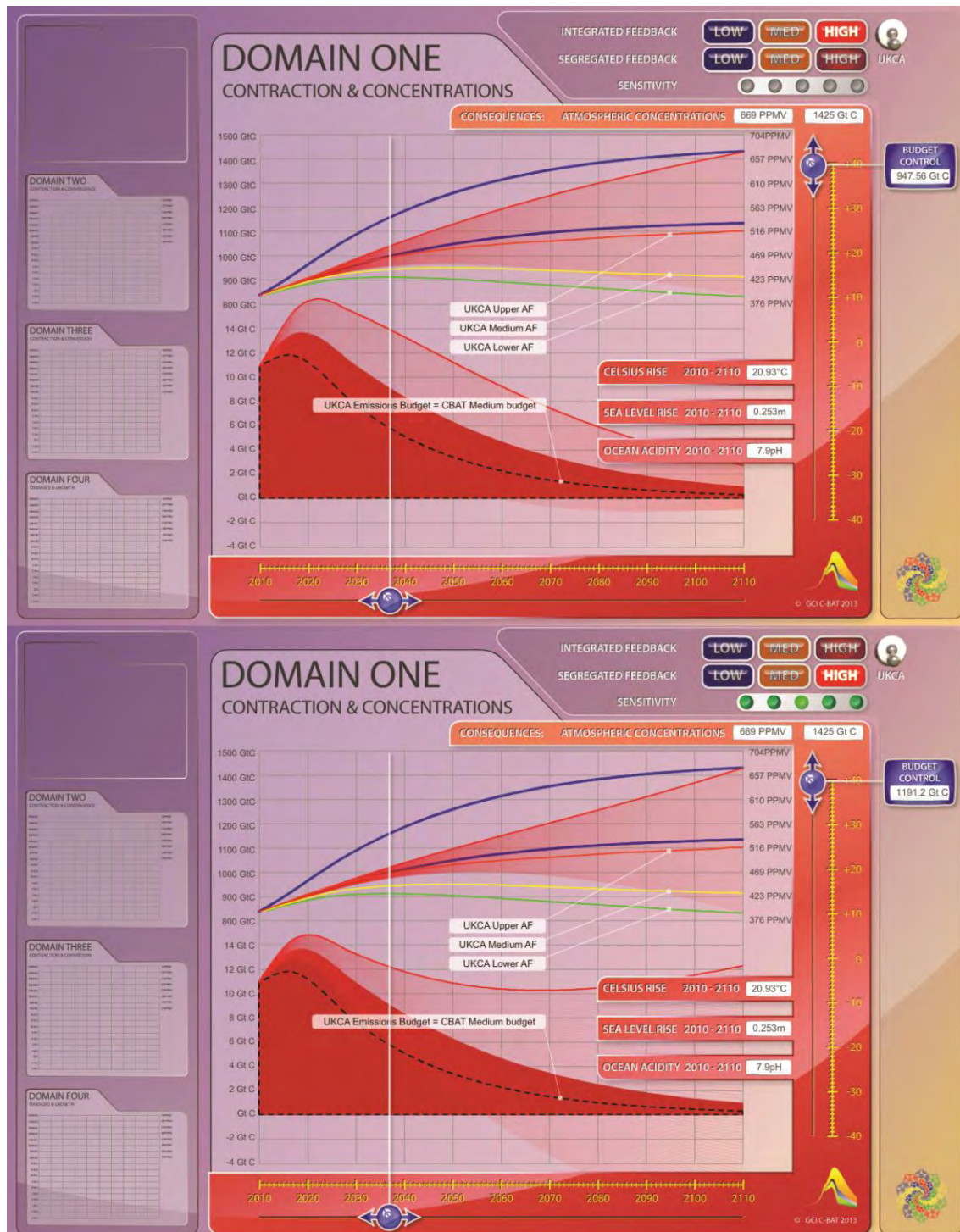


http://www.gci.org.uk/Responses_to_CBAT.html

Carbon Budget Accounting Tool [CBAT]

The RCP range quoted in IPCC AR5 Final/Approved goes well into the area of the CBAT HIGH Budget range: - <http://www.gci.org.uk/CBAT/cbat-domains/Domains.swf>

Here is CBAT HIGH Budget Domain 1 [FEEDBACKS UKMO & CBAT]



www.gci.org.uk/Documents/endorsements_high_res_2_.pdf