



**[1] C-BAT Domain One assumes this: -**

- "Contraction & Concentrations", is a Domain-1 issue & where UNFCCC-compliance transitions from being merely 'aspirational' to being rational, whatever the 'uncertainties' about these source-sink relationships may still be.
- "Contraction & Convergence" is a Domain-2 issue that is entirely a priori dependent on Domain-1.
- That is the root point [the main point] and why Domain 1 is Domain-1.
- That is why UNFCCC-compliance is first and foremost a Domain-1 issue;
- In other words, defining and measuring the *objective* obviously precedes compliance with it: - <http://www.gci.org.uk/CBAT/Domain1fff/DomainOne.swf>
- Not to proceed with that structural *sequence* of how the epistemology of 'C&C'/C-BAT arises, at best reduces C&C to some sort of ethically diffuse and contestable social-science.
- This is anti-teleological and has now become so vague and conflicted as to make it impossible to negotiate at all within the constraints of UNFCCC-compliance other than in a policy-culture that is becoming at best, 'hopelessly-aspirational', as the last twenty years have repeatedly shown.

This aspirational, vague and conflicted culture entails that: -

- Some actors have addressed C&C in that 'social-science-led' way and have tried to keep the 'ethical' baby in Domain-2 whilst avoiding the opaque bathwater of 'uncertainties' dealt with in Domain-1, leaving this to 'other experts'; there is much literature of this kind.
- Others actors have taken against Domain-2 C&C saying, whatever the rate of mere 'convergence', it is 'not fair enough'; avoiding the contestability of social science, they also seek to avoid the 'uncertain' Bathwater in Domain-1, once again leaving this to 'other experts': GDR is an example of this.
- Yet others saying, 'what's ethics got to do with it anyway?' throw away the ethical-baby, whilst trying merely to keep the used but unlimited bathwater of 'Market-Forces for a Low Carbon Economy' [MFLCE]; the latest fashion for 'Green-Growth' conducted in a Domain-3 *isolated from Domains 1, 2 & 4* is this.
- Finally, yet others are happy to throw away the ethical-baby and the MFLCE bathwater, saying whatever the uncertainties, in a world of known-unknowns & unknown-unknowns, unconstrained 'Market-Forces' are certainly the best way forward. Blind to the damages in Domain-4, the world is full of fools like this.

**[2] C-BAT Domain One also assumes that: -**

- a) Uncertainties of known-unknowns and unknown-unknowns, exist in both directions [positive/negative] for all future projections of feedbacks & understanding raising profound challenges of measurement for source:sink evolution;
- b) These 'uncertainties' do not however constitute a sufficient reason to 'leave these [critical] influences out of the climate models'[which is exactly what the climate modelers have quite erroneously chosen to do so far and C-BAT seeks to correct];
- c) These feedbacks are crucial and doing this spot-lights the unsupported assertion of increasing negative feedback [as in the UK Climate Act for example]: - [http://www.gci.org.uk/animations/Sources\\_and\\_Sinks\\_UK\\_Climate\\_Act.swf](http://www.gci.org.uk/animations/Sources_and_Sinks_UK_Climate_Act.swf)
- d) Embracing a wide range of these potentialities in a consistent, transparent and user-friendly way is *sensible*; that . . .
- e) Measuring, by carbon-weight in a range of future emissions:concentrations in time-dependent projections, incrementally graded through minus -40 to plus-40 path-integrals, that cover the next 100 years is *rational*, and that also . . .
- f) Separating 'controllable' human-budget-emissions from 'uncontrollable' non-human non-budget feedback-emissions demonstrating *acceleration* is a necessary breakthrough ["*Conceptually brilliant*" Wasdell] . . .
- g) Providing inter-actively to users a means for *them* to consider and make 'choices' as to what they feel the risks and their consequences actually are and what weight should be given them when policy-measures are considered, is *preferable* to just going on with leaving these feedbacks out,
- h) Continuing fruitless conversations trading ethical uncertainties in Domain Two, is an undeclared co-existence [even perhaps an unconscious alliance] with what has now become the participatory voyeurism of inadequate modeling in the science/policy-community as a whole.
- i) After twenty three years, GHG emissions and atmospheric concentrations are rising faster than ever. Human welfare is becoming increasingly *unsustainable*, UNFCCC-compliance is becoming increasingly *unachievable* and the persistently inadequate intergovernmental 'policy-response' is *unsupportable*.

**C-BAT: -**

- a) Addresses this generic malaise around non-compliance in a rational manner.
- b) Supports the *raison d'être* of the UNFCCC *objective* and compliance with it.
- c) Demonstrates what it takes to do enough soon enough to be UNFCCC-compliant.

**C-BAT structure is a sequence - 1, 2, 3, 4: -**

- a) Domain 1, Contraction & Concentrations, is rooted in the UNFCCC objective.
- b) Domain 2, Contraction & Convergence, or variants are governed by Domain 1.
- c) Domain 3, Contraction & Conversion, is governed by permutation of 1 & 2.
- d) Domain 4, Damages & Growth, responds to the above showing the constraints, the increasing dangers and the need to avoid doing too little too late.
- e) In a phrase Domains 2, 3 & 4 are meaningless without Domain 1.

**'C&C' has sequenced & demonstrated this from the outset: -**

[http://www.gci.org.uk/images/C1\\_C2\\_C3.pdf](http://www.gci.org.uk/images/C1_C2_C3.pdf)

C-BAT seeks to improve on that through integration in the more detailed, transparent and user-interactive computer-model behind this graphic-user-interface [GUI]: -

<http://www.gci.org.uk/CBAT/Domain1fff/DomainOne.swf>

Work in progress . . .