14:26:09 From Art Hunter To Everyone:

Please put you comments and questions into the chat.

14:29:28 From Art Hunter To Everyone:

Phil Reilly will handle the Q&A session. Please put you questions into chat for Phil

14:31:41 From Jon legg To Everyone:

(Q) Q) Some of us have adopted the philosophy of the Club of Rome (i.e. Limits to Growth) ten or twenty years ago. Paul Beckwith has exposed us to the problems that the COP system carries with it. Faced with disunity within the group that wants to lower GHG and a united and self-interested oil and gas industry, should CACOR try to focus the message to try to communicate? I believe that the global practice at present is to use individual countries as the basis for global decisions, i.e., what the UN does. That being the case, I see a strong argument to try to freeze Alberta out by supporting the federal government  $\hat{a} \in \mathbb{T}$  general practice now, but with more vigour. What is the reaction of those on this Zoom meeting?

14:51:23 From Samrat Bharadwaj To Everyone:

Not a question. But Indiaâ $\in$ <sup>TM</sup>s agrarian economy has been collapsing for more than two decades now. Thanks to rampant neoliberalism and open market policy.

14:53:00 From Peter MacKinnon uOttawa Engineering To Everyone:

Q: Quentin, have you come across the concept of Planetary Boundaries and have you integrated your thought of integrating your work into this concept? BTW, It also links to UN SDGs. Thanks

15:01:27 From Samrat Bharadwaj To Everyone:

At during this COP, on a particular panel, some people were trying to sell Catamarans.

15:02:27 From Claude Buettner To Everyone:

Replying to "At during this COP, ..."

As survival vessels?

15:03:32 From Samrat Bharadwaj To Everyone:

Replying to "At during this COP, ..."

I think as a high-class option yes

15:06:09 From Quentin Grafton To Everyone:

Hi Peter yes I'm aware of the planetary boundaries and their latest work that includes a water boundary (blue and green). Unfortunately I think their numbers around these water boundaries are not correct. That is not to say there isn't a blue water boundary (or limit) but what it is best found elsewhere.

15:06:29 From Claude Buettner To Everyone:

Replying to "At during this COP, ..."

Hmmm, a good pirate ship for someone someday...

15:11:36 From Peter MacKinnon uOttawa Engineering To Everyone:

C: COP should include Mayors of major cities, with over 70% of GHGs come from cities!

15:11:54 From Quentin Grafton To Everyone:

Hi Samrat, I agree that agriculture imposes big costs (CO2, water abstraction, pollution, soil degradation) and this is worse in some places than others. It requires 'smart' agriculture that does it best to minimise inputs and bad outputs.

15:13:58 From Samrat Bharadwaj To Everyone:

Hi Quentin Grafton. Thanks for your reply. All I meant, because I am Indian, is that India's agrarian economy is collapsing, in terms of output, land productivity.. farmers committing suicide. 90,000 approximately in between 2001-2015. Yet, Thanks for your presentation. Was very succinct.

15:16:51 From Quentin Grafton To Everyone:

I agree with you Art re: governance. Polycentric governance and deliberative governance are ways forward which is about empowering communities to adapt to global changes at a local and regional level. 15:17:00 From Claude Buettner To Everyone:

Replying to "At during this COP, ..."

- 15:22:36 From Samrat Bharadwaj To Everyone:
  Replying to "At during this COP, ..."
  Also zero CO2 measuring machines at COP
- 15:30:01 From Claude Buettner To Everyone:

  Replying to "At during this COP, ..."

  Was there a session on "Responsible Rocketry?"
- 15:33:46 From Claude Buettner To Everyone:

Arctic News on Blogspot has some interesting information on methane (& CO2, temps) rise:  $\frac{https://arctic-news.blogspot.com/p/threat.html}{https://arctic-news.blogspot.com/p/threat.html}$ 

- 15:40:06 From Quentin Grafton To Everyone:

  Global profits of oil & gas sector in 2022 was USD4 trillion.
- 15:51:29 From Samrat Bharadwaj To Everyone:

  Thanks Quentin and Paul. And good presentation Double Whammy.
  Goodnite
- 15:53:27 From Claude Buettner To Everyone:

  Too Much? Too Little? Too Late?:
  https://www.youtube.com/watch?v=Fn4THbaeuvg with Rees etc
- 15:58:30 From Claude Buettner To Everyone:

One more great video (on Sky, not YouTube) is the full recent documentary by Earth4All:

https://video.sky.it/news/ambiente/video/earth4all-il-documentario-integrale-in-inglese-882344