

Why The Net Zero Carbon World Is Not Enough

Date: Tuesday 29th June

Time 7pm – 8 :30pm

Speaker: Prof. Jeff Obbard

This is the first event in our lead up to COP26 later this year.



Prof. Jeff Obbard is a special agent on climate science and data analysis. In this webinar, Jeff will lead us on a journey through what to many is a branch of science which can be seen as complex, confusing and littered with villains.

So here is **The Net Zero-Carbon World is not Enough** story told in 3 parts:



Part 1 – “Skyfall”

What does the Science actually tell us today?

*Shaken & stirred: the global state of the climate.
Russian roulette and the carbon budget.*

This will be followed by Q&A from the audience



Part 2 – “Live and Let Die”

How can Carbon Capture help?

*How can Q devise a gadget to capture the carbon?
Has Ms Moneypenny got the loot to pay for it?
Where can M hide the stash?*

This will be followed by Q&A from the audience



Part 3 – “Moonraker”

What is Geoengineering?

*Can Jaws stop the runaway carbon train?
Can Mr. Bond save the planet?
Geoengineering solutions: Moonshot science fiction, or real science?*

This will be followed by Q&A from the audience.

In Conclusion, Jeff will bring the story together and tell us what the future looks like from today’s perspective



Prof Jeff OBBARD is Head of the Climate Science Research Programme Office at the Centre for Climate Research Singapore. He holds a PhD in Biogeochemistry and a BSc (Hons) degree in Ecology (1st Class) from the United Kingdom. Jeff spent 17 years of his career at the Faculty of Engineering, National University of Singapore (NUS) and recently returned to Singapore from Qatar University where he was Director & Professor of its Environmental Science Centre. During his time at NUS, he was the Director of the Sustainable Development & Water Alliance (SDWA), and Research Director at the Tropical Marine Science Institute (TMSI). In Singapore, he also held a joint appointment with the Agency for Science Technology & Research

(A*STAR) as the Principal Scientist of its Bioenergy & Carbon Capture Programme. In the USA, Jeff served as Vice President for Science & Technology at a Royal Dutch Shell Petroleum in Hawaii on a renewable biofuel & carbon capture project. He has also worked in Hong Kong and the UK as a private sector environmental consultant. Jeff is also a Visiting Professor to the School of Water, Energy & Environment at Cranfield University in the UK, and founded the company 'Living Planet' in Singapore to provide consultancy services on climate change, sustainability and the environment. He has conducted environmental projects throughout Southeast Asia, as well as in China & India. He is an Expert Reviewer to the Intergovernmental Panel on Climate Change (AR5 and AR6) and serves as the Climate Change Advisor to the National Youth Council in Singapore.

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