

Jenna Kay

From: Monica Zazueta <zazueta_monica0813@gmail.com>
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To: Jenna Kay; Amy Koski; sylvia@mosaicresolutions.com; Dana Hellman; Ben Duncan; Harrison Husting; tlunsford@parametrix.com; Nicole Metildi
Subject: Sir David King: "Global Heating: The Science and the Response"

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Sir David King: "Global Heating: The Science and the Response"

<https://youtu.be/u7jETRJrkmk?si=KfLB7AvqWeuWP-KM>

Here is a concise summary of the key points from the conversation:

Sir David King has been deeply engaged with climate science and policy for over 35 years, since first learning about the issue in 1988. He explains the scientific basis for climate change - how greenhouse gases like CO₂ trap heat and drive global warming. King notes that while the science has been well-established since the late 1800s, action to address the problem has been insufficient, with a missed opportunity in the 1990s.

King outlines a comprehensive four-part strategy to tackle climate change - reduce emissions, remove excess greenhouse gases, repair environmental damage, and build resilience. A key focus is on marine-based solutions, like using "artificial whale poop" to stimulate ocean phytoplankton growth and draw down CO₂. He also discusses the risks and challenges of potential geoengineering approaches.

Beyond just technological fixes, King emphasizes the need for a shift in economic and social models towards an "ecological civilization" that values the health of ecosystems equally with human wellbeing. He is critical of the power of fossil fuel lobbies, especially in the US, to obstruct climate action.

In closing, King advises younger generations to educate themselves on the long-term trajectory and challenges, and to find ways to contribute based on their unique circumstances - whether through policy, technology, or changing personal lifestyles. Overall, the conversation highlights the urgency and complexity of the climate crisis, while offering scientifically-grounded solutions and a hopeful vision for the future.