

Ocean Industry is Key To Attract Bright Minds



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POSTECH

The modern world can't exist without four ingredients:

by Vaclav Smil



They all require Fossil fuels!!

FOSSIL FUELS



COAL

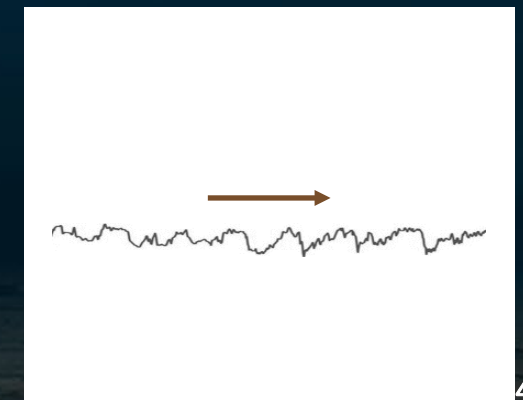
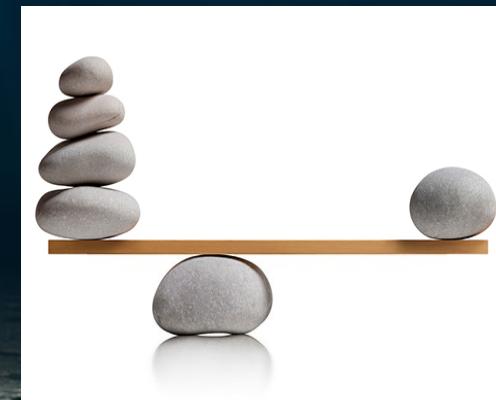
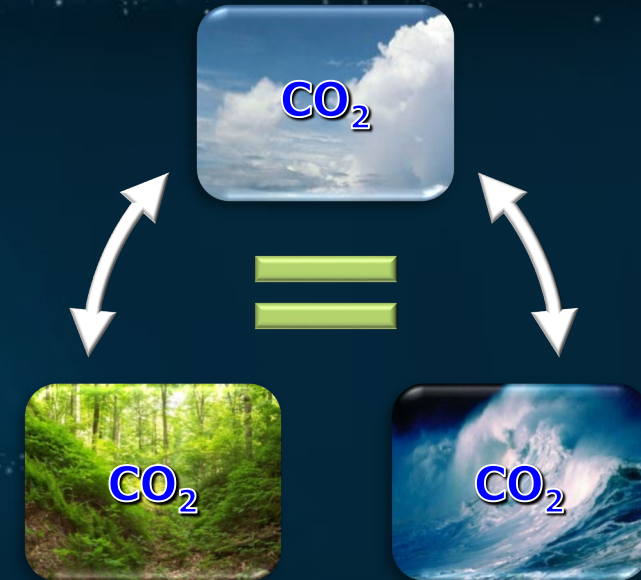
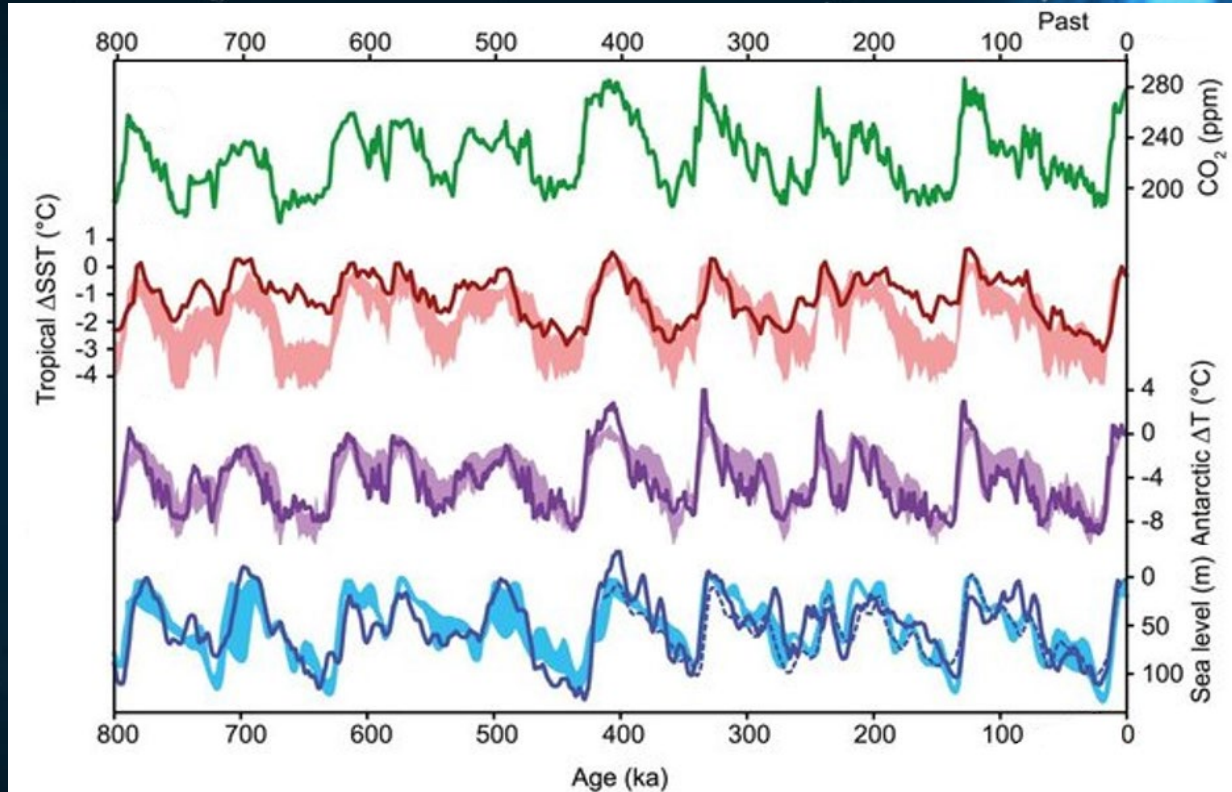


OIL



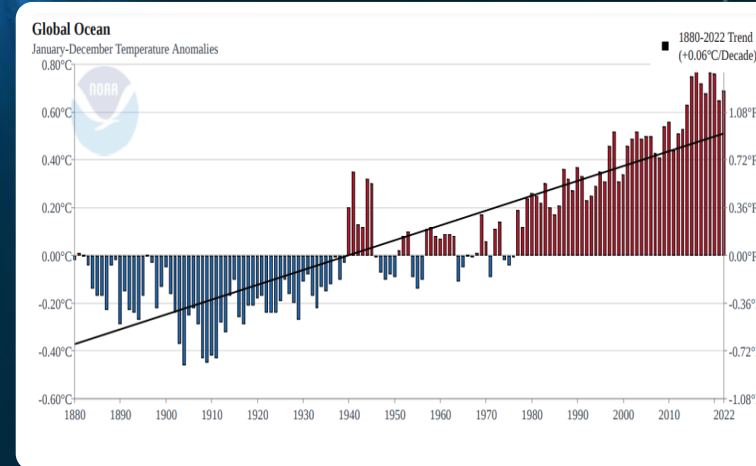
NATURAL GAS

The Earth remained in a steady state (dynamic) for at least one million years!

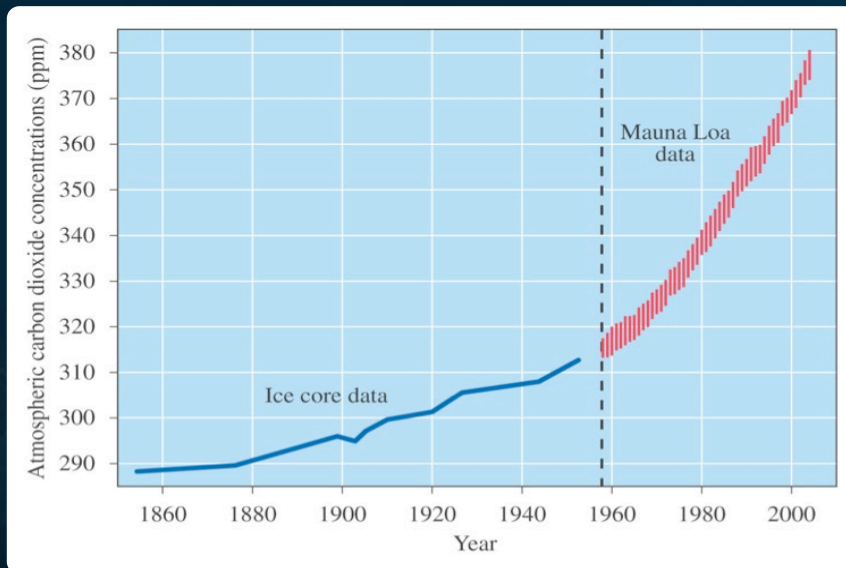


A steady-state changing to a non-steady state

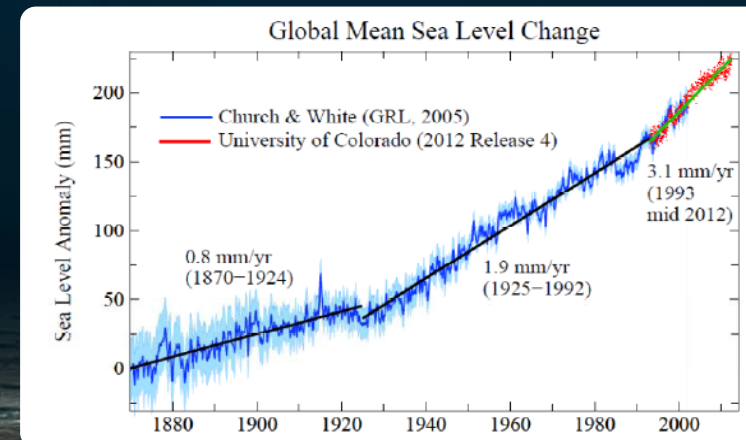
Ocean Temperature



CO₂



Sea Level



The Earth is no longer in a steady state!

Prior to
Industrial Revolution

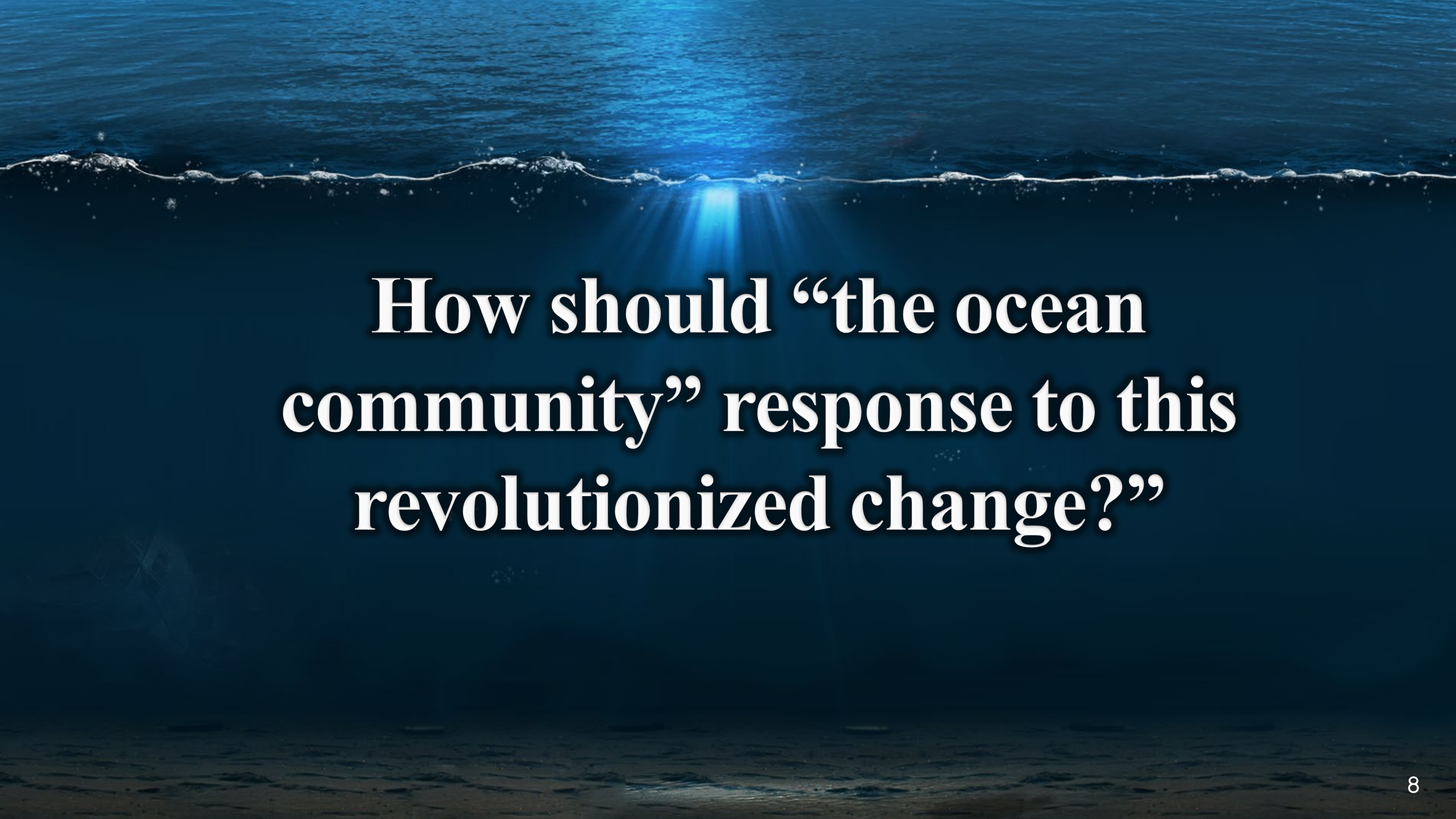


Present and Future



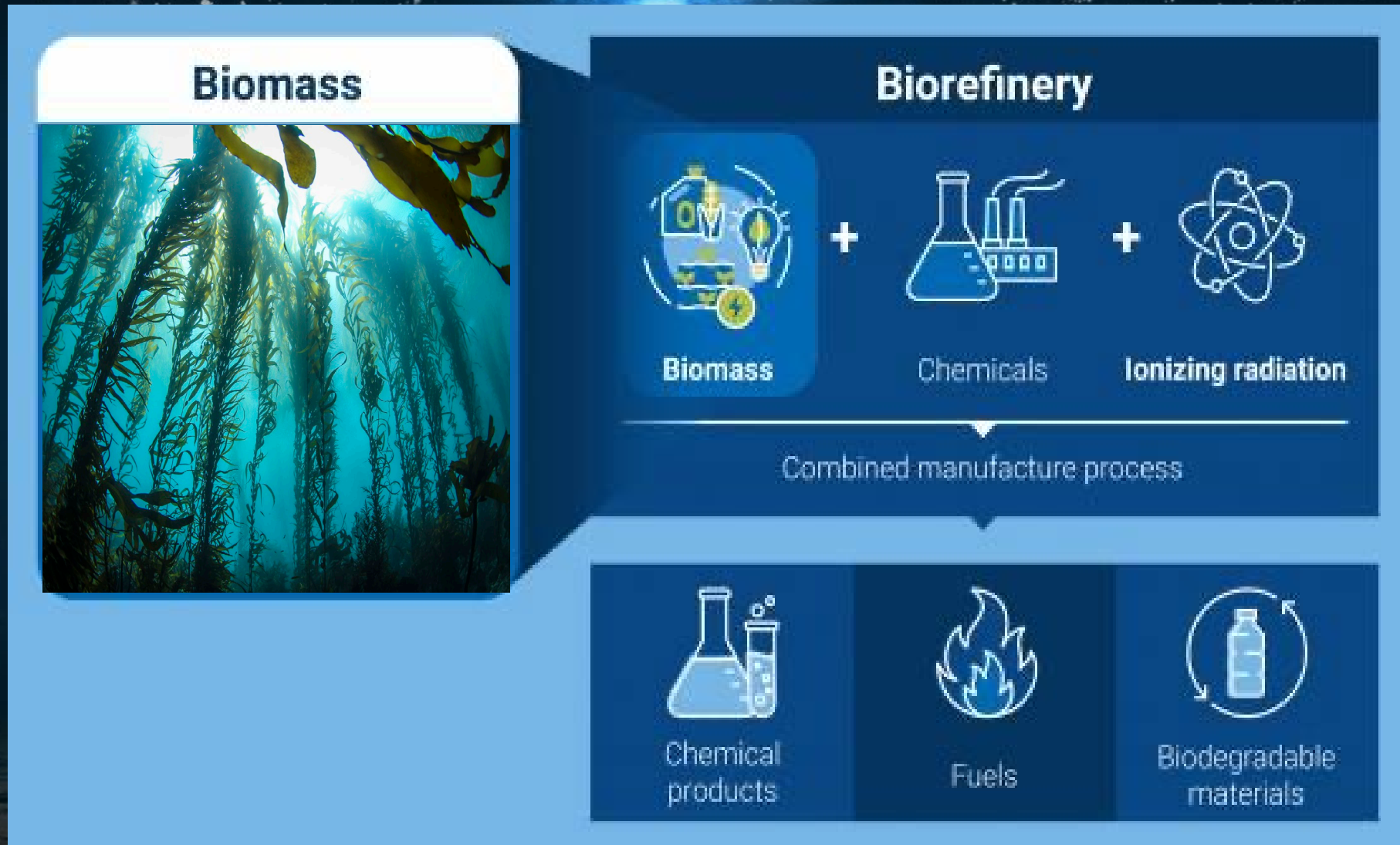
An underwater scene with a deep blue background. A bright light source, likely the sun, is visible at the surface, creating a series of rays that penetrate the water. The water's surface is visible at the top, with some white foam and bubbles. The overall atmosphere is serene and contemplative.

**It is time to abandon
“Fossil Fuel-based Civilization”**

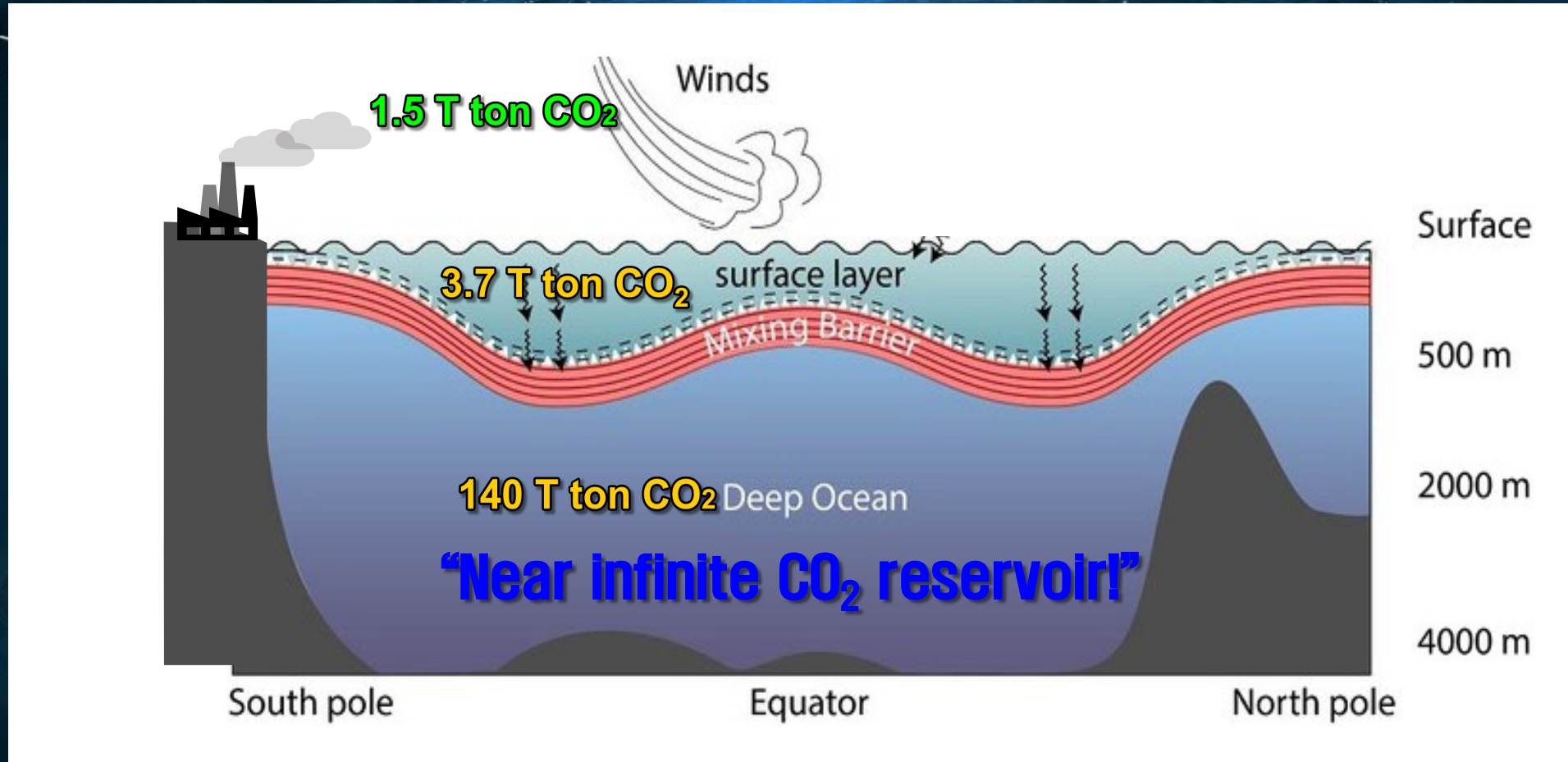
An underwater photograph showing the ocean surface with sunlight filtering through, creating a bright, shimmering effect. The water is a deep blue, and the light rays are clearly visible as they penetrate the water.

**How should “the ocean
community” response to this
revolutionized change?”**

1. Ocean-Based Value Chain (New Industry)



2. Provide a solution to a global issue: Ocean-based solution to resolve CO₂ issue!



- **All CO₂ emissions from fuel burning during the anthropocene would increase ocean CO₂ content by 1%**



Ocean community

