

# The Ocean Oxygenator™ pat. pending

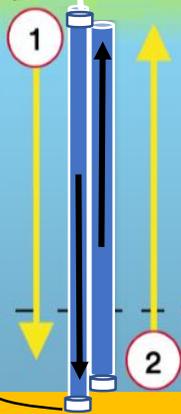


5,000 Year removal Of CO<sub>2</sub> verified by newest ARGO's

- 1 DOWNWELLING: CO<sub>2</sub>-rich surface water taken to the deep ocean
- 2 UPWELLING: Nutrient-rich deep ocean water brought to surface
- 3 PHYTOPLANKTON BLOOM: More nutrients at the ocean surface cause phytoplankton to increase (bloom), resulting in more photosynthesis that requires, and thus decreases, atmospheric CO<sub>2</sub>

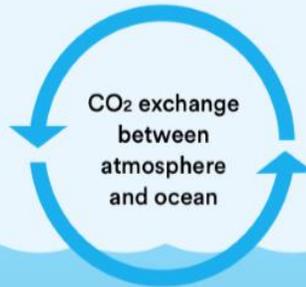
Powered by ocean waves

Newest ARGO's verify results



Ocean Surface

Phytoplankton



CO<sub>2</sub> removed per unit: 5,300 tons by 2100

“Microbial production of recalcitrant dissolved organic matter: long-term carbon storage in the global ocean.” Nianzhi Jiao et.al., *Nature Microbiology* vol 8, August 2010.

