An underwater photograph showing a school of sharks swimming over a vibrant coral reef. The water is clear, and the coral is a mix of red and dark colors. The sharks are seen from above, swimming in various directions.

How the Pacific can save the planet: Monetizing Offshore Regenerative Ecosystems (MORE)

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ACEF June 2022

0.1% Offshore RE Potential vs. Current Total Energy Consumption (MWh/year)

300,000,000

250,000,000

200,000,000

150,000,000

100,000,000

50,000,000

0

Kiribati

FS Micronesia

PNG

Marshall Islands

Cook Islands

Solomon Islands

Fiji

Tuvalu

Vanuatu

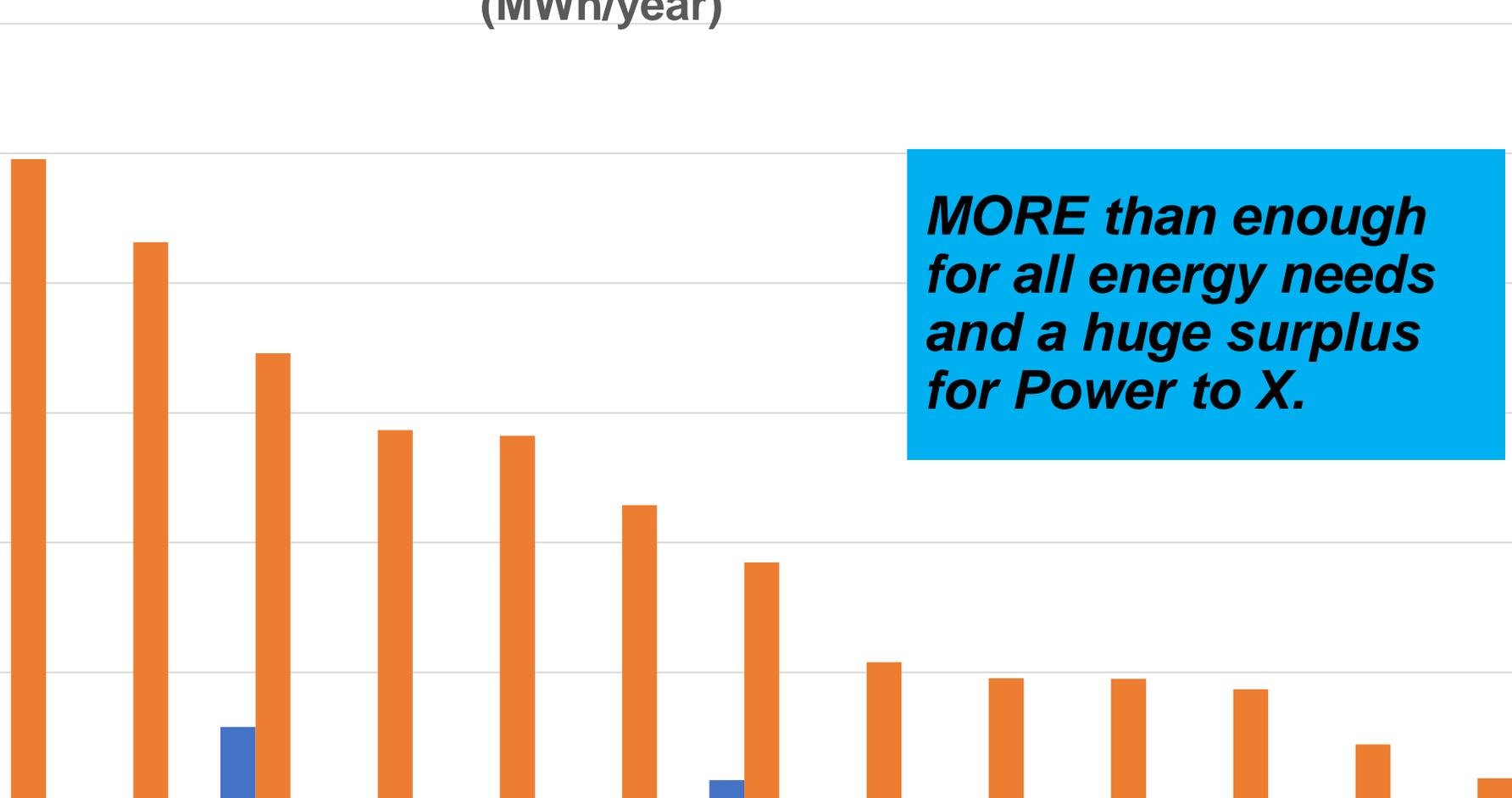
Tonga

Palau

Nauru

Samoa

***MORE than enough
for all energy needs
and a huge surplus
for Power to X.***



Power to X / Food & Oxygen using 1% of EEZ area

Seaweed revenue:	\$47 B/y
Seaweed CO2 sequestration 0.66 B t/y:	\$32 B/y
CaCO3 CO2 sequestration 2.9 B t/y:	\$148 B/y
Hydrogen revenue:	\$540 B/y
Total:	\$767 B/y

Total CO2 removed from seawater: **3.56 B t/y**
1/2 of what is needed for +2 C (?)

MORE is better than REDD

