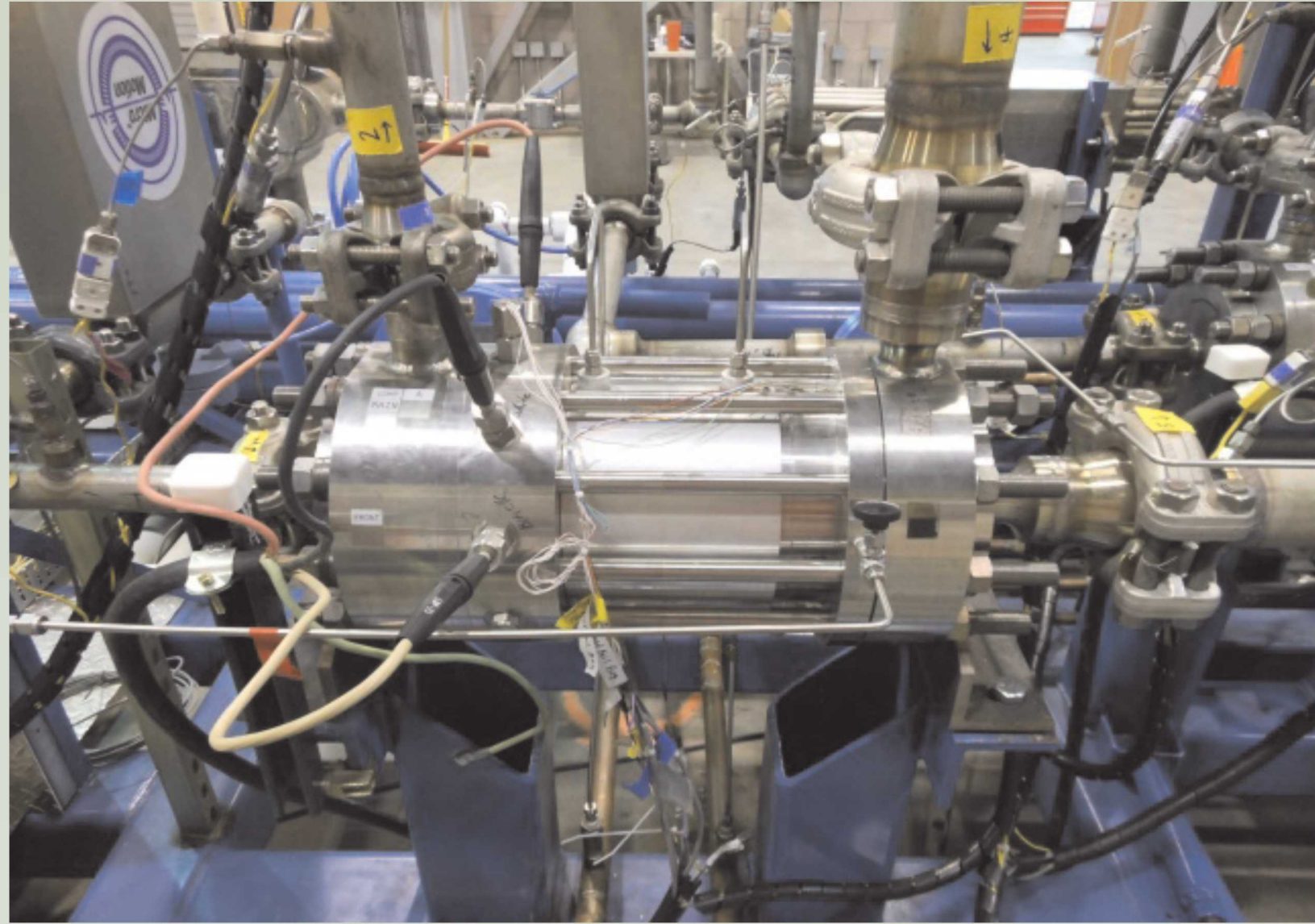


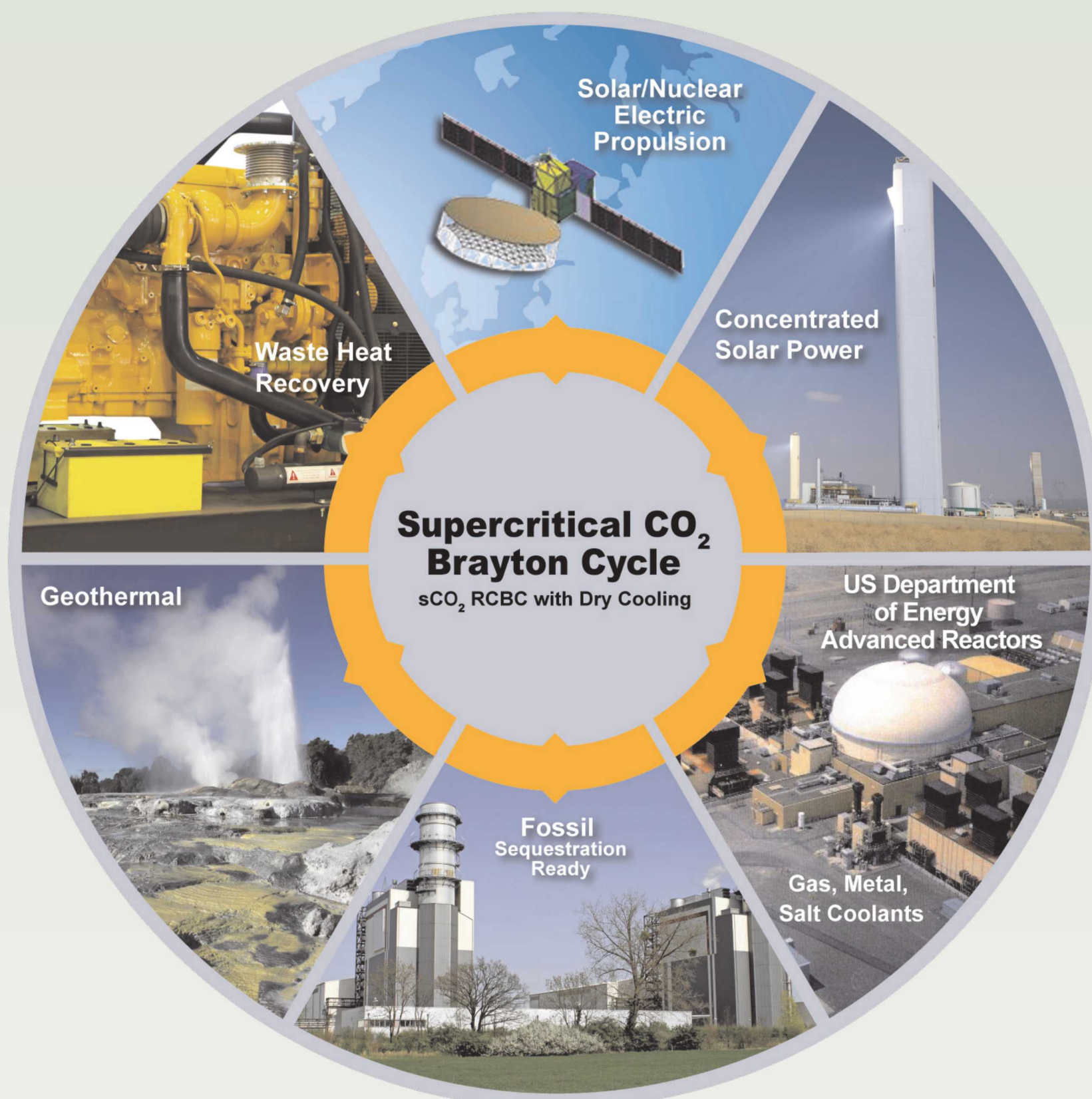
The Supercritical CO₂ Brayton Cycle



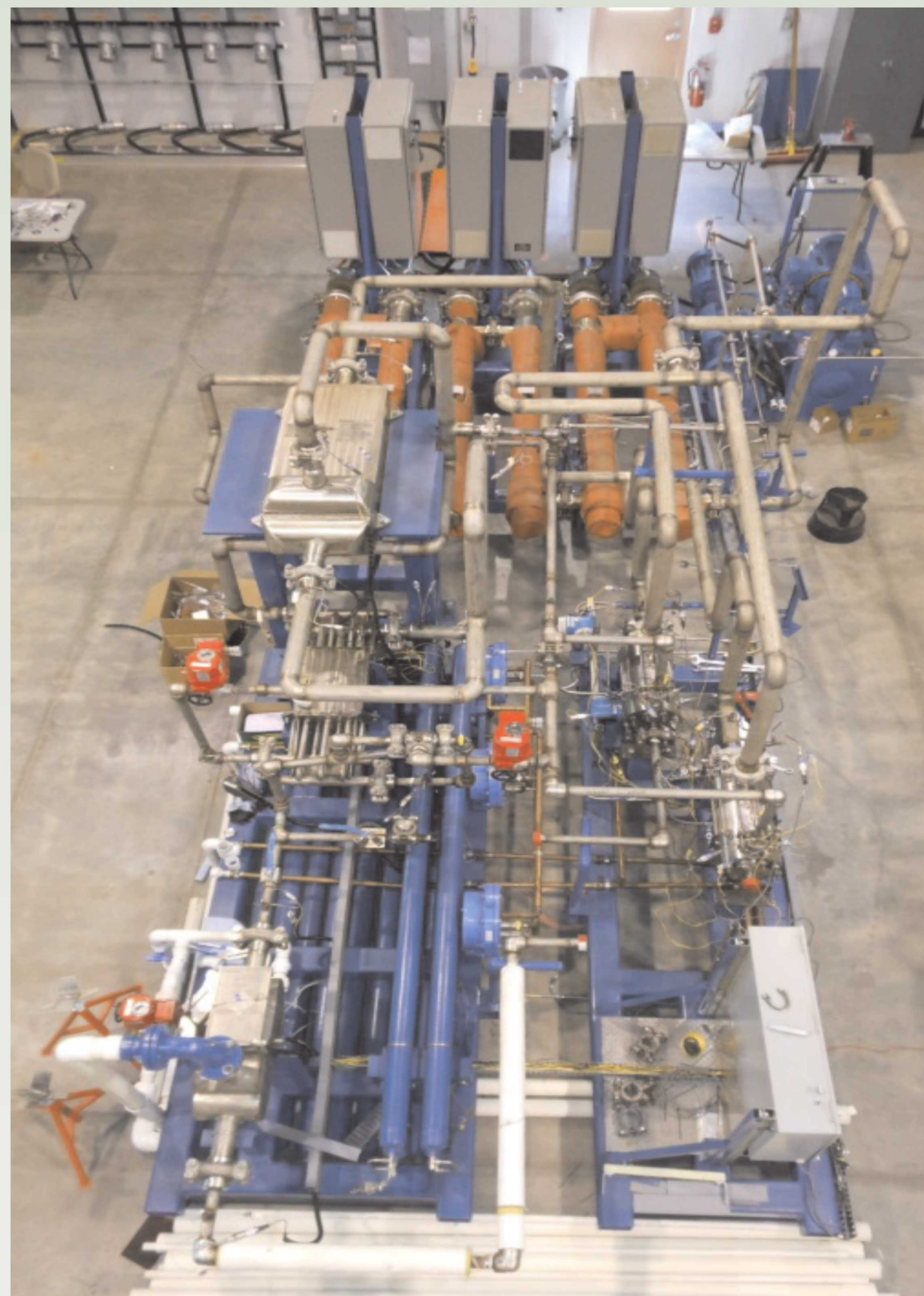
A Compact, High-Efficiency 21st Century Energy Conversion Technology

World's First Recompressor Closed Brayton Cycle (RCBC) Power Production Using Supercritical CO₂

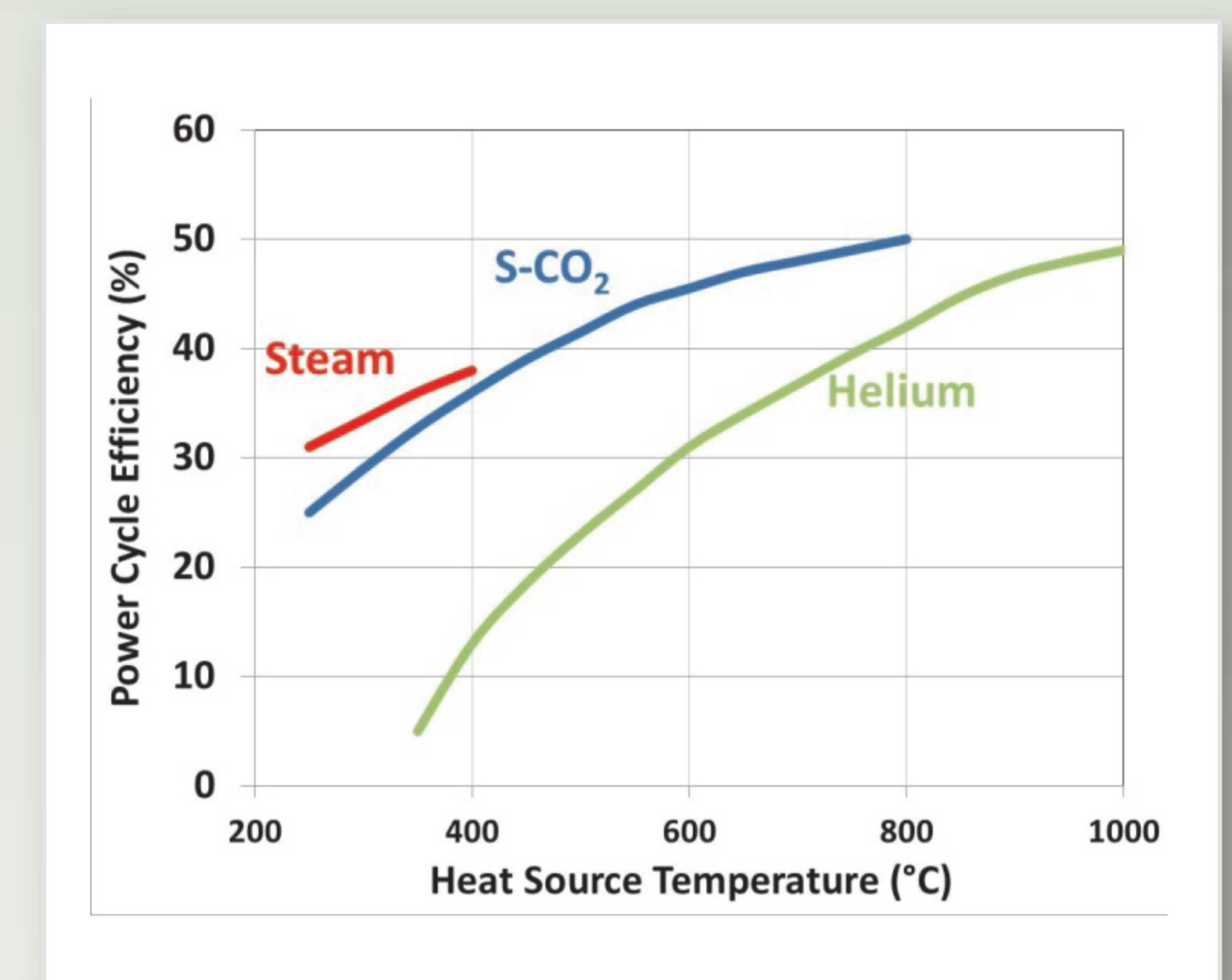
S-CO₂ power technology can be used with any heat source



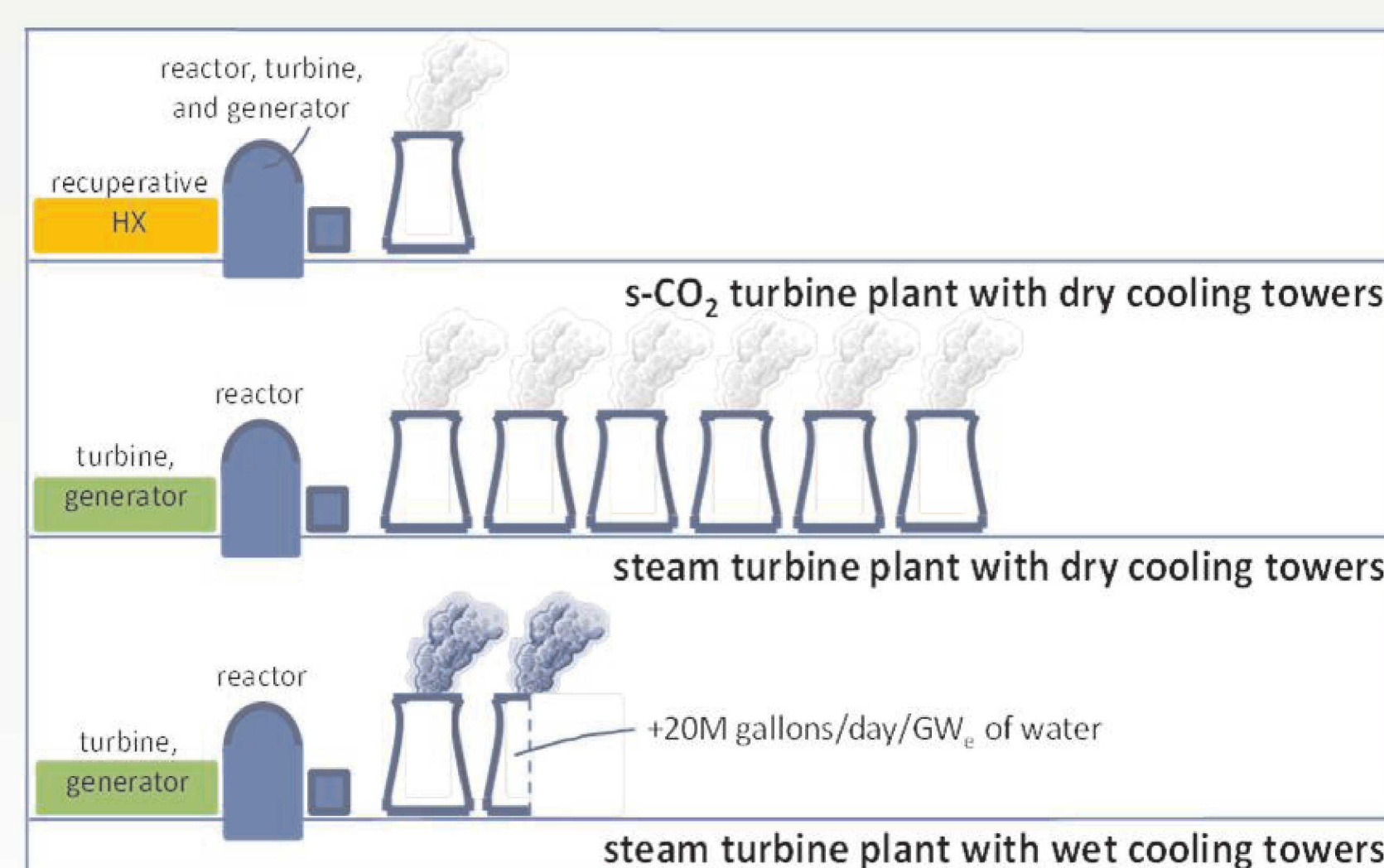
Fossil, nuclear, concentrating solar, geothermal, waste heat recovery, etc.



Cycle Efficiency as a function of temperature for several types of power conversion systems



“Artist’s conception” of dry-cooled s-CO₂ plant as compared to steam



Assuming dry natural draft units, s-CO₂ may be competitive with wet-cooled steam plants. Plus higher thermal efficiency

