

Mass Manufacturing of SMRs with Automation, AI and Robotics Delivers the Most Efficient and Cost Effective Zero-Carbon Energy with Lowest LCOE (Dominant Market Trend)

US ■
World ■

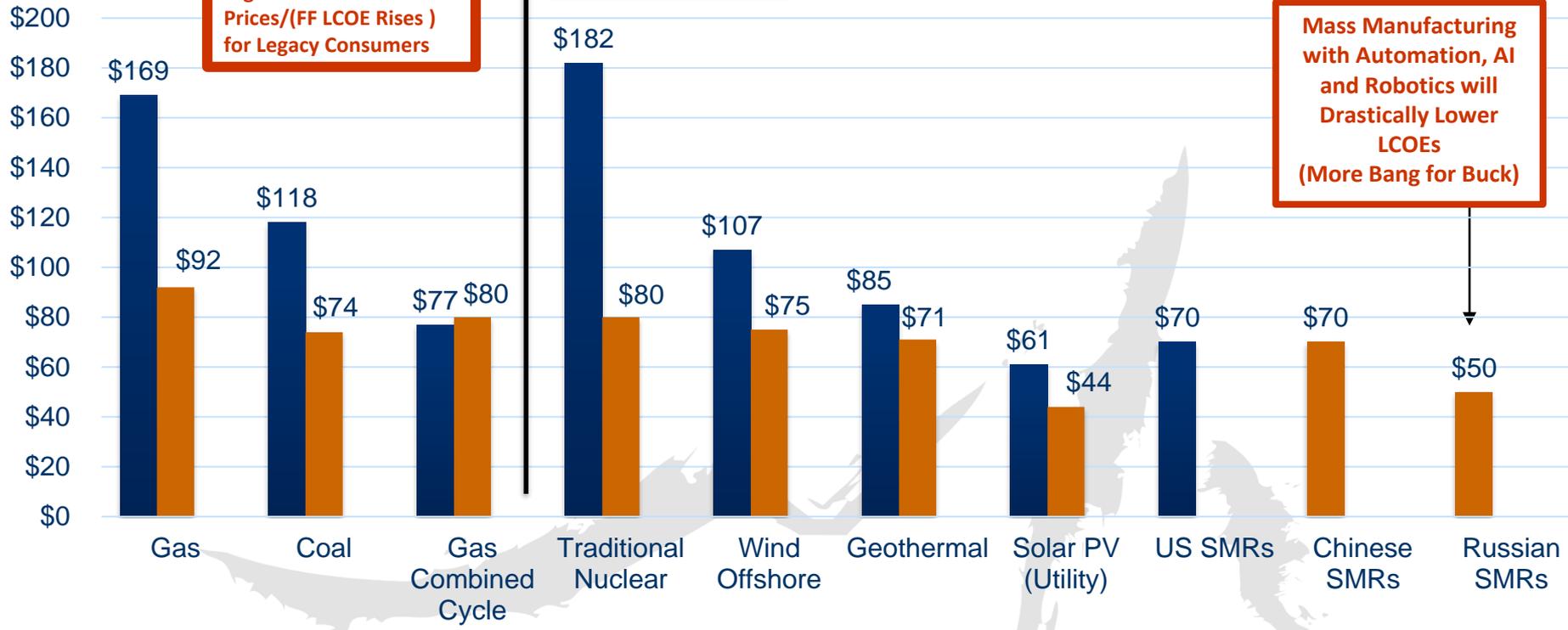
Fossil and High Emission Fuels

Keep FF in the Ground to Constrain Supply → Higher Market Prices/(FF LCOE Rises) for Legacy Consumers

Zero-Carbon Energy Sources

Drive Increased Demand to Lower LCOE of SMRs

Mass Manufacturing with Automation, AI and Robotics will Drastically Lower LCOEs (More Bang for Buck)



Sources: Lazard LCOE https://www.lazard.com/media/xemfey0k/lazards-lcoeplus-june-2024-_vf.pdf
 Statista Global LCOE: <https://www.statista.com/statistics/1115401/average-levelized-cost-energy-by-technology-globally/>
 IEA Projected Costs of Generating Electricity: <https://www.iea.org/reports/projected-costs-of-generating-electricity-2020>
 *How Innovative Is China in Nuclear Power?: <https://itif.org/publications/2024/06/17/how-innovative-is-china-in-nuclear-power/>

SMRs are the Only Baseload, Uninterruptable Source of Zero-Carbon Energy that can be Mass Produced

SMRs are one of the best investments to save humanity. ~180,000GW of zero-carbon energy must be deployed by 2050 for humanity to reach Safe Harbor.



Safe

SMRs are safe, low-risk with improved designs and safety measures. Can't leak. Can't be weaponized. No spent fuel problems. Meltdown proof



Scalable

To save humanity, to reach safe harbor, SMRs stand out as a scalable zero-carbon solution. Modular means it can be mass produced in a factory. If supply chains are managed well, this can be successfully and cost effectively scaled up. Ensures baseload energy needs and eliminates interruptions. Ensures societal energy growth needs.



Sustainable

SMRs contribute to reducing reliance on fossil fuels and contribute to powering R/R technologies to reach Safe Harbor