

New Technologies From Start-up Companies

Carl Page, President Anthropocene Institute

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October 5th, 2023





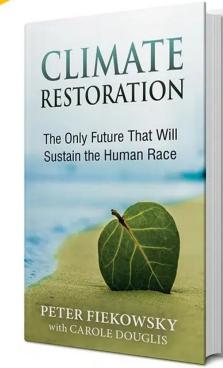
Anthropocene

Institute

420

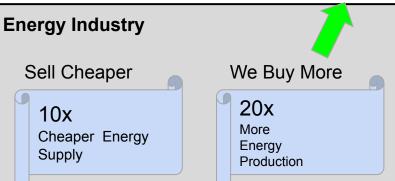
280 CO2 1850

AirMiners.Org



280 **2100**

Earn Volume Discount on Abundant Cheap Clean Energy



- Profits rise with Volume despite Price Decline
- **Cultivate New Markets**
- Streamline supply chain.
- Solving Security, Pollution











Losers: Expensive Cleantech **Energy Efficiency Plays** Promoters of Austerity and Guilt



Biodiversity / Nature

Decoupling most human needs from biosphere. Wild lands increase as biofuels end.

No more Impoverished people raiding wild lands for meager incomes,

Sprawl reduced as cities get even more attractive.

Agricultural chemicals drastically decrease in favor of automation, surveillance and robotics.

Robotic Invasive species control

Tourism builds Empathy



Nuclear is Dangerous Only to Fossil Fuel Businesses



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Power Density (W/m²)	2-3	10-20	1000-5000	
Intermittency	High	High	Low	
Capacity Factor	10%-25%	24%-56%	90%	
Stability Cost. Frack Oil Gas Coal (\$\$) or Nuclear Baseload	Carbon:75%- 90% Or nuclear 0	Carbon:44%-76% Or Nuclear 0	0%	
Mineral & Rad Waste	High	High	Low	
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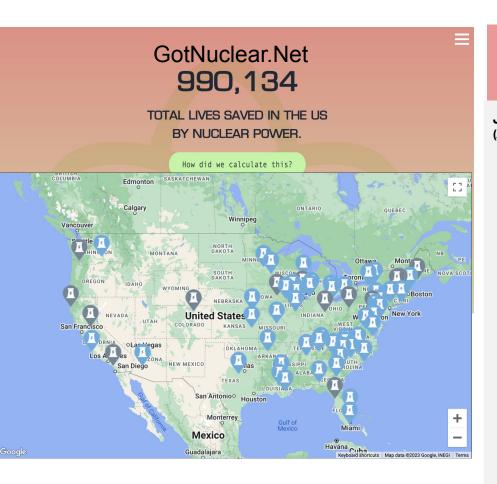


Nuclear Synthetic Hydrocarbon Liquid Fuels
Can Decarbonize Transportation with
Zero Emissions Fuels, We Already Can Use!

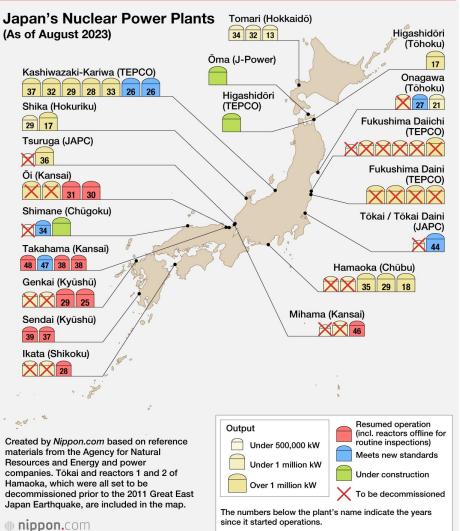


Nuclear Saves Lives





Nuclear energy already prevented **300,000** air pollution related deaths in Japan

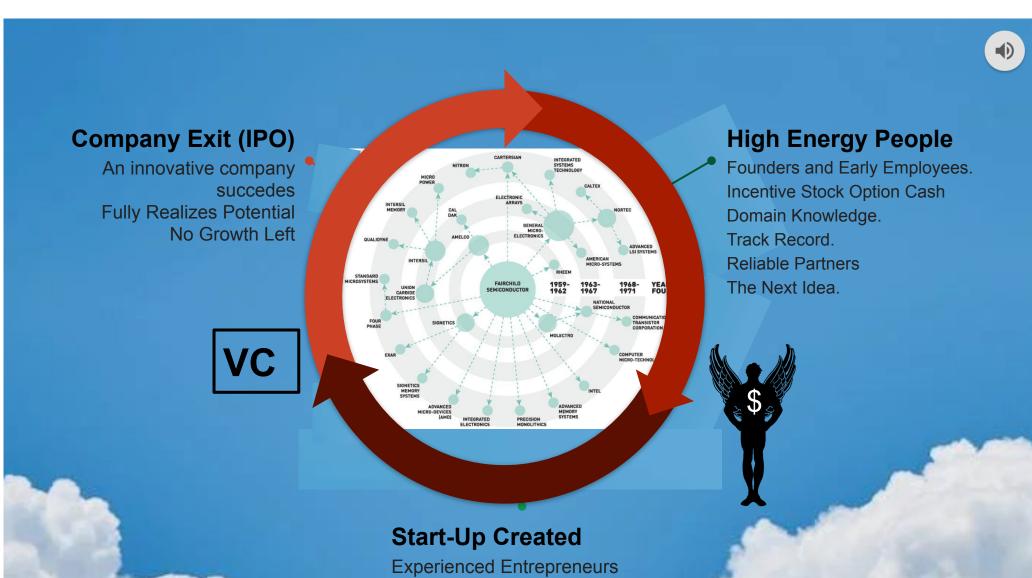






Silicon Valley: Nuclear Fission of Business





have freedom to pursue

opportunity.

Necessary Support for the Growth of Start-ups





Invest in this and probably lose.

Invest in 20 companies like this? Will probably win big.

Such companies exist, but are hard to pick.
Less emphasis on current Financial metrics.
More attention to: Physical science. Supply chain. Market conditions.
They are incomplete. Need advice and partners.

The Angel Stage, before VC is poorly served.

An Optimal Portfolio requires a mix of low and high risk investments.

Our largest investors are prohibited from such investments. Without such bets Tech evolution STOPS. And Industrial Society Crumbles.

Beware the frenzy for Buzzword Compliant investments. Overbought? Hysteria is not diligence.



Require Every Big Fund to make Some High Risk Investments.

Big funds could cultivate a narrow area of competence, and Improve Earnings.