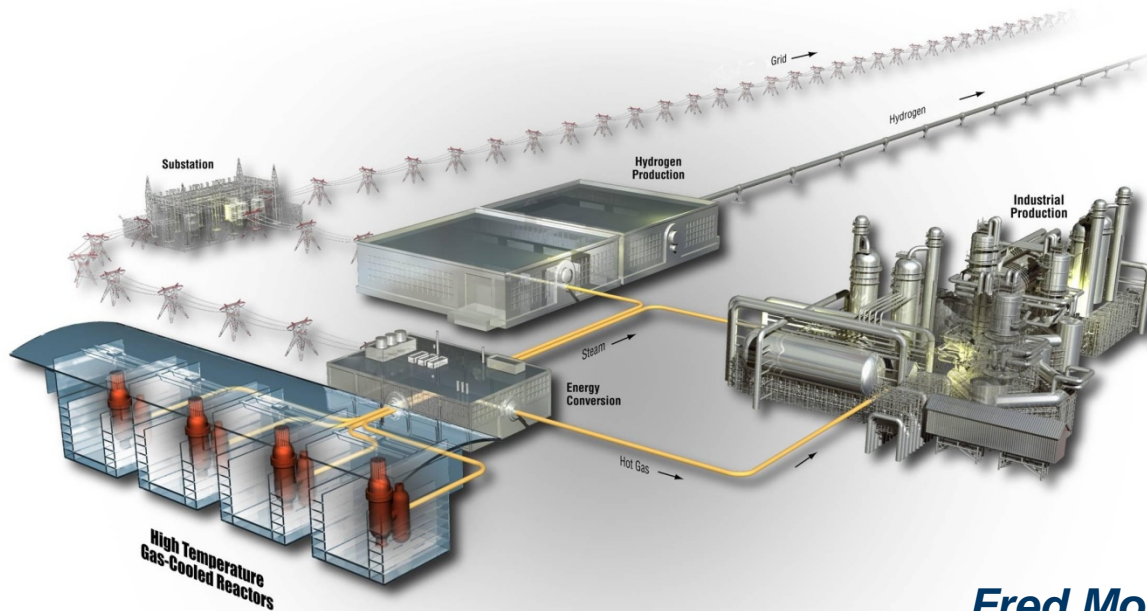


Is There a Future for Advanced Reactors Supplying Energy to Industrial Applications?



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Is there a place for nuclear technology in industrial applications?

- Absolutely. There are no other technologies on the horizon that can supply carbon free high temperature process heat.

What are the requirements?

- First and foremost
 - Intrinsic safety
- Second
 - Ability to produce high temperature steam with superheat
- Third
 - Understand and address tritium transport within the industrial enterprise
- Fourth
 - Economics
- Fifth
 - Workable finance model
 - Long term purchase agreement
 - 80/20 debt to equity JV model
 - Risk sharing for excess power to market

What are the barriers to bring nuclear process heat to industrial markets?

- First
 - Government front end lift
- Second
 - Pick a winner
- Third
 - Be persistent in design past Nth reactor build out
- Fourth
 - Modular/Shippable
- Fifth
 - Economics/Price for Carbon

Is there an incentive for a government front end lift?

- I think so...
- Longer term it can mean
 - Jobs
 - Grow GDP
 - Climate
 - Rebuild core US technologies, like large industrial forgings
 - Trade balance, become an exporter