

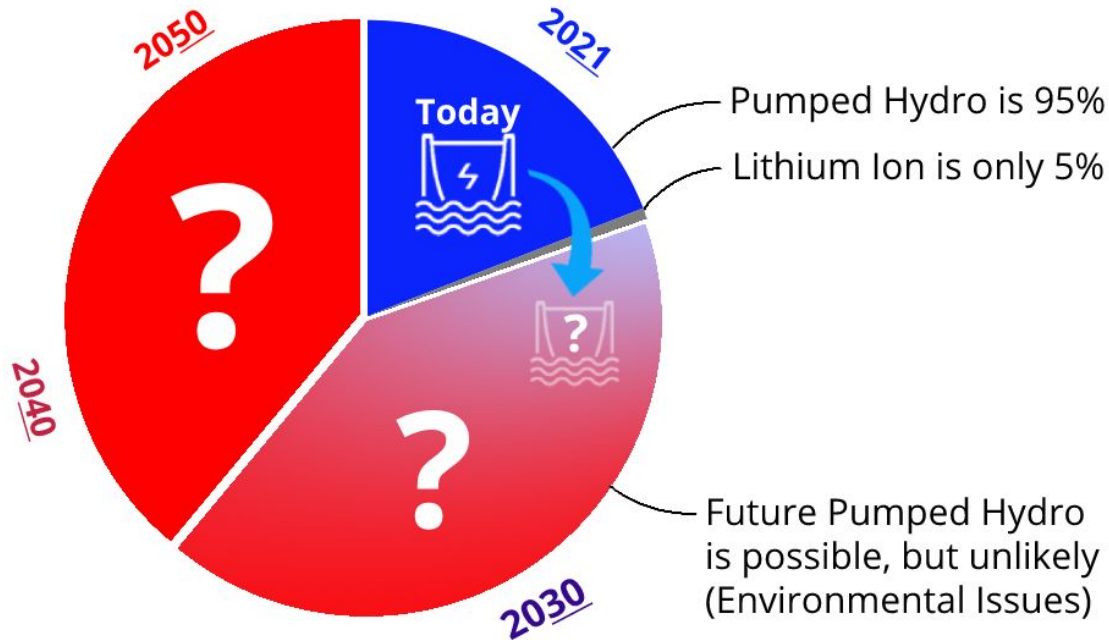


# Terrament

Radically Scalable Energy Storage

# Problem U.S. Needs 5X More Energy Storage by 2050

- Pumped Hydro
- No proven viable solutions



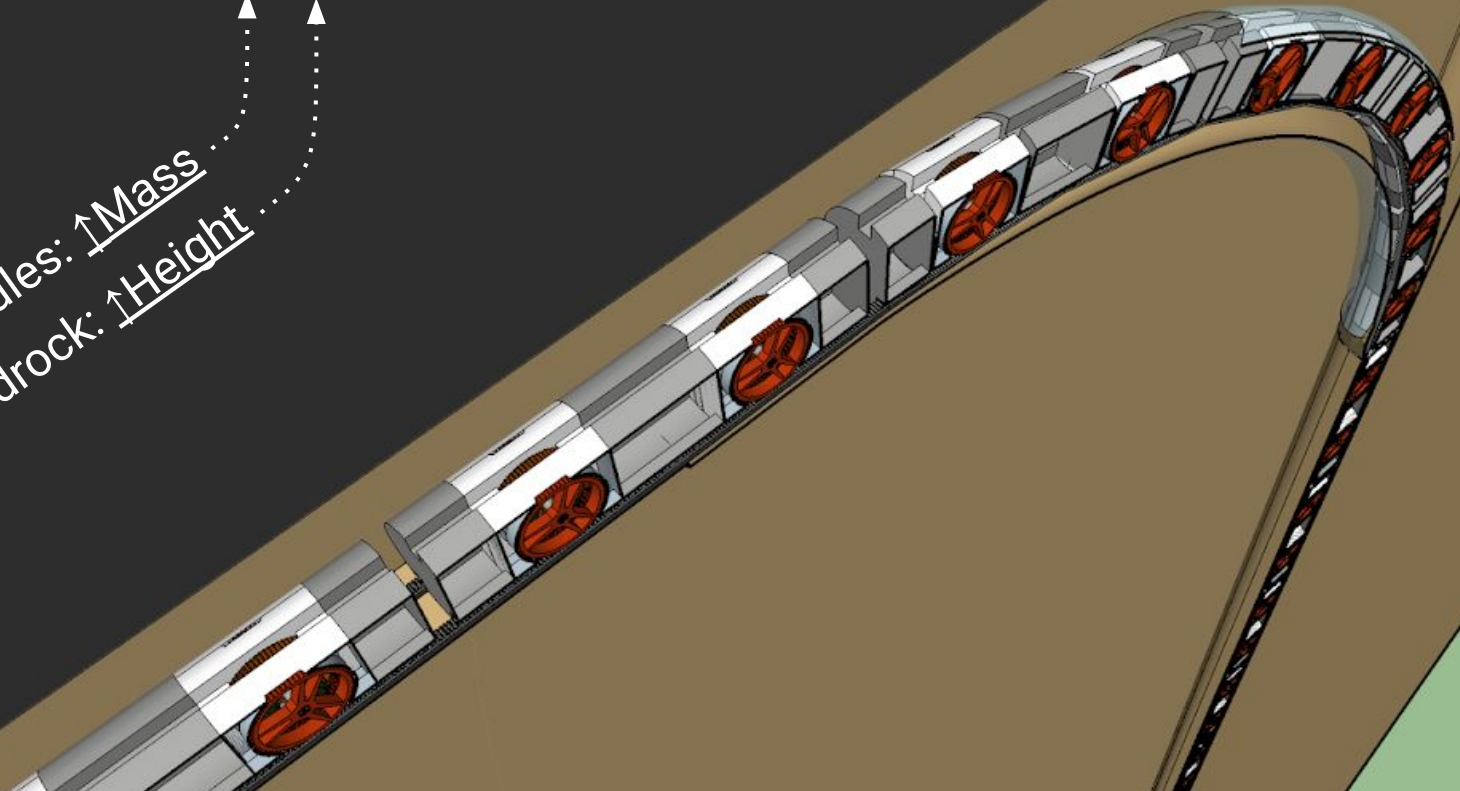
# Solution

New: Modular Underground Gravity Storage

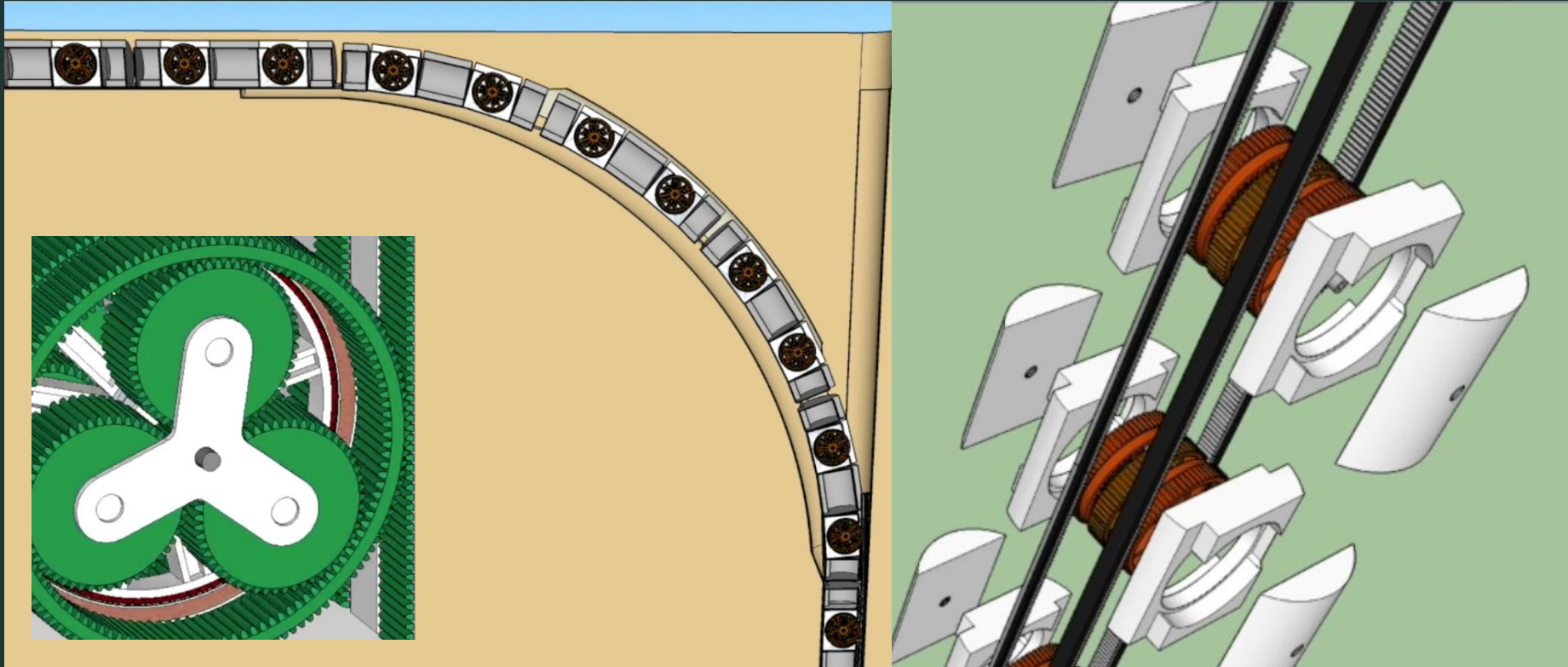
Terrament maximizes mgh to win lowest cost

Self-powered modules: ↑Mass

Drill into bedrock: ↑Height



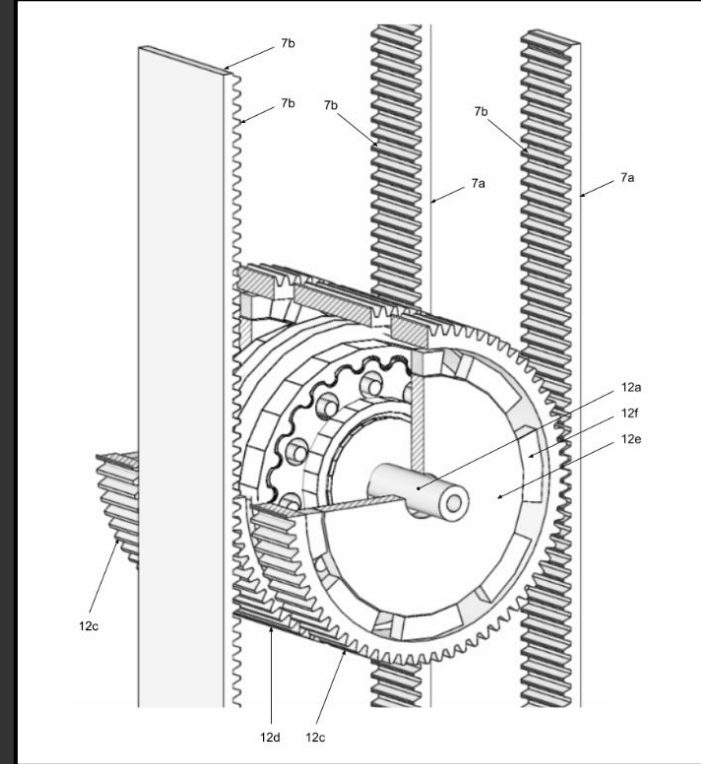
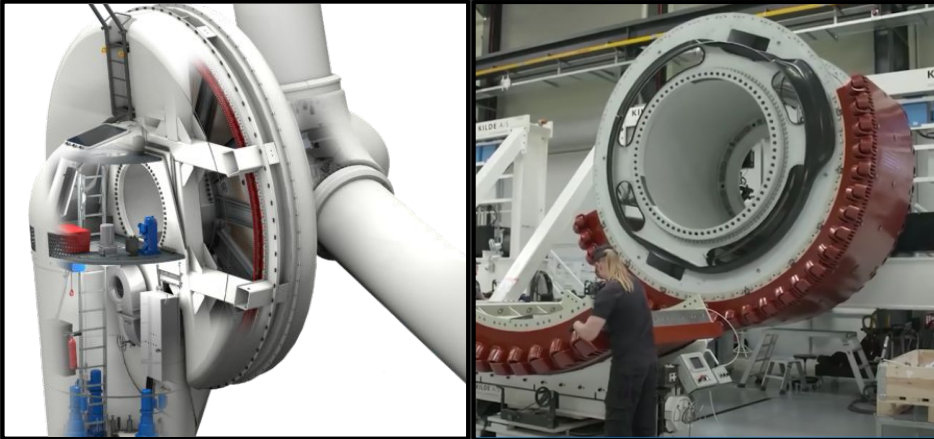
# Video Demo: (View on [terramenthq.com](http://terramenthq.com))





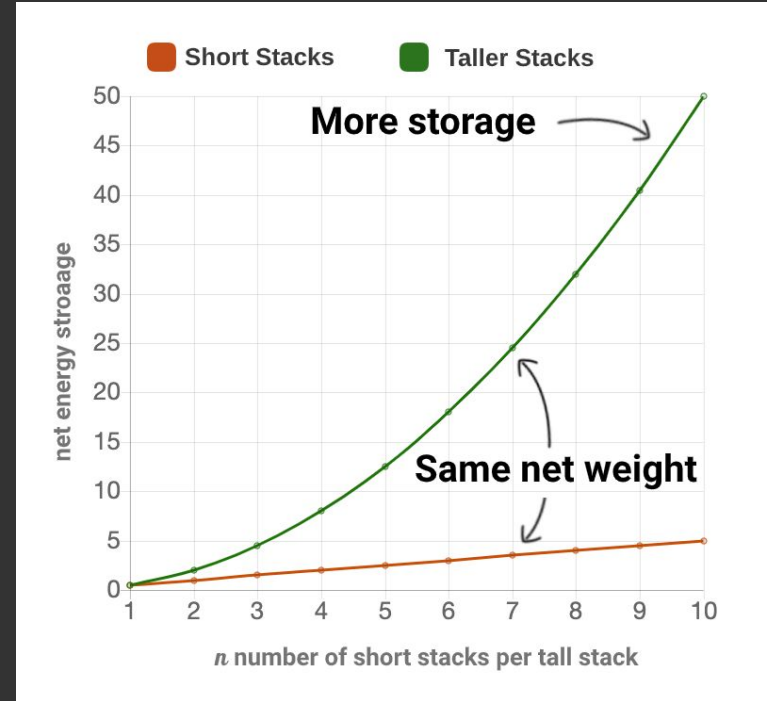
# How it works Maximized weight

- Proven wind turbine tech
- Modules support their own weight
- 100% volume. 1 mile concrete stack.



# How it works Maximized height

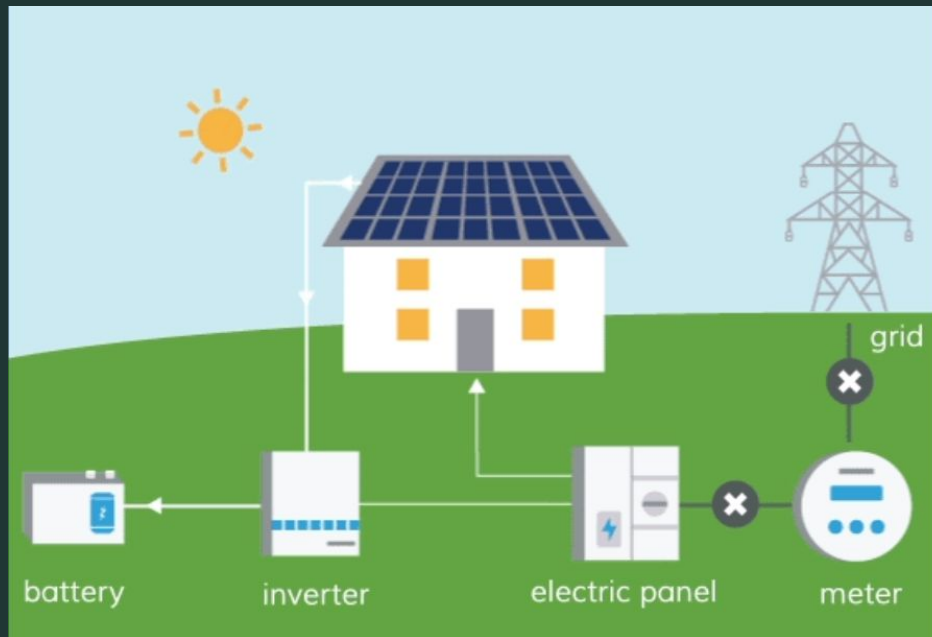
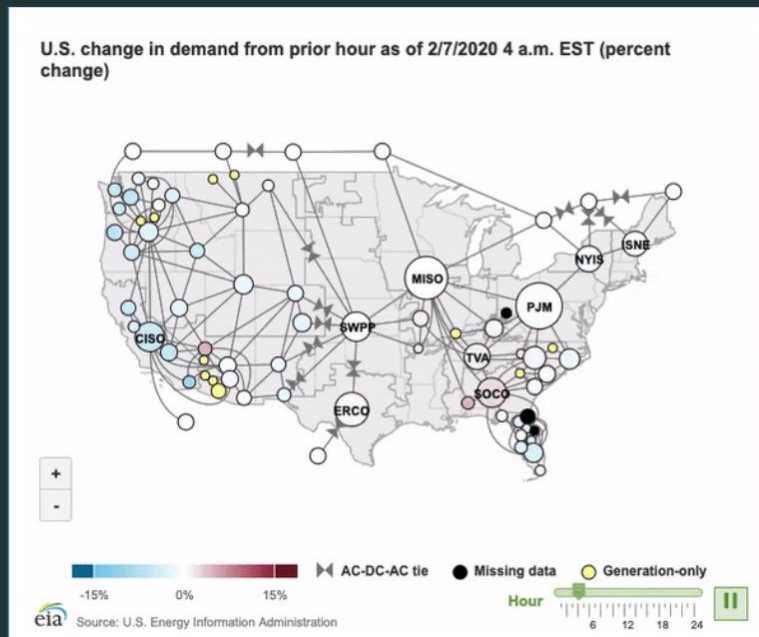
- Proven mining tech
- 1 mile deep
- 10x height gives 10x storage/weight



# Environmental Impact

100% Wind & Solar only works if we *balance variability*

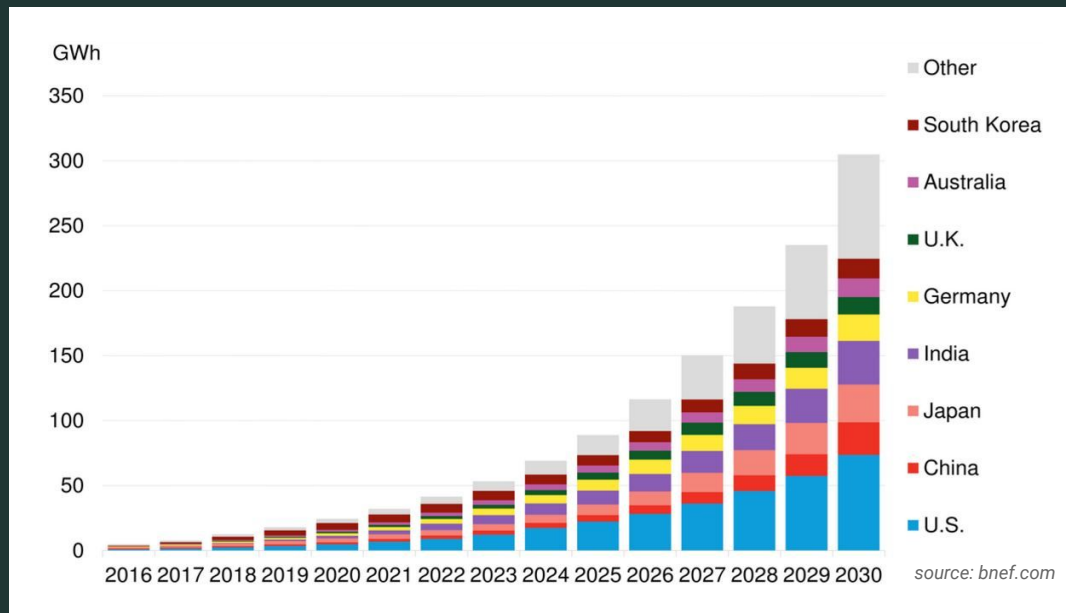
Transmission=location balance; **Energy Storage=time balance**



# Market Potential (Energy Storage)

TAM, Global: \$1.2 Trillion by 2050

TAM, US: \$135 Billion by 2050



## Market Timing

- Pumped Hydro is tapped
- No other market-ready tech
- Favorable low interest rates
- 3.5% projected AAGR

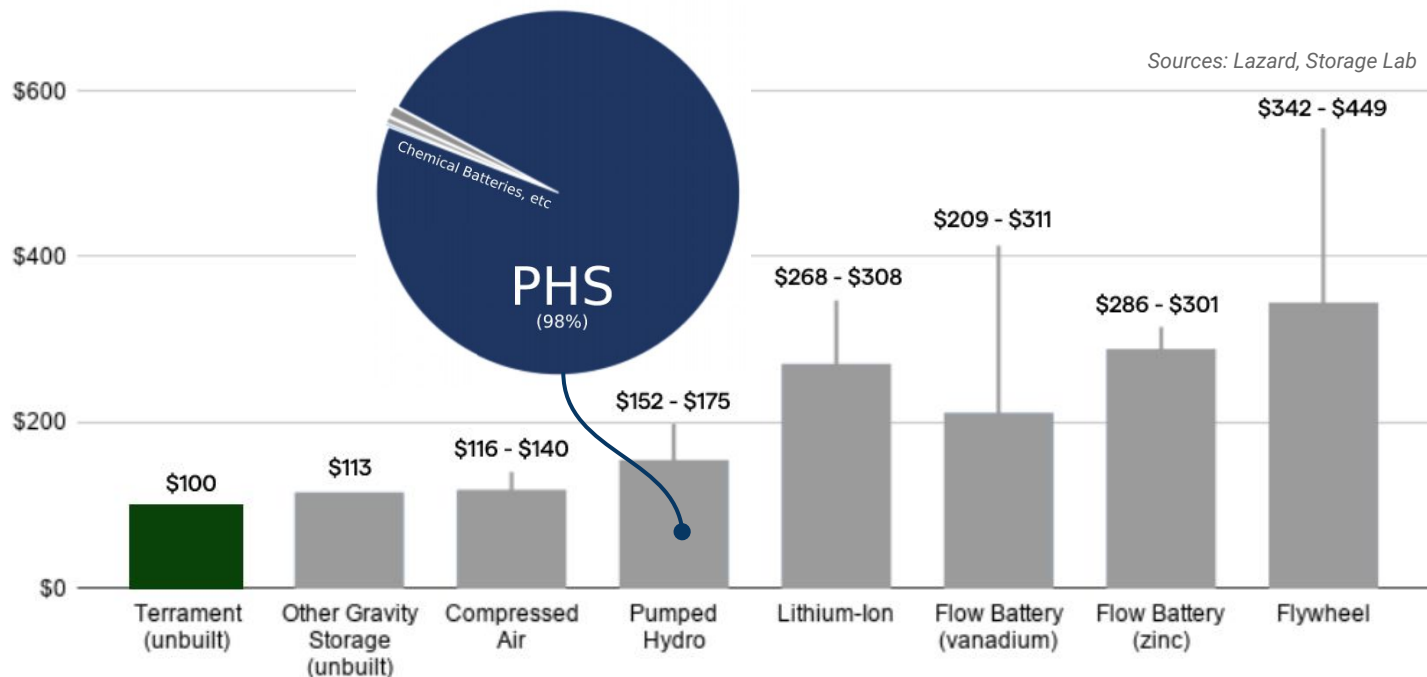
## Terrament is Ready

↑Scale ↓Cost ↓Risk



# Competition Today

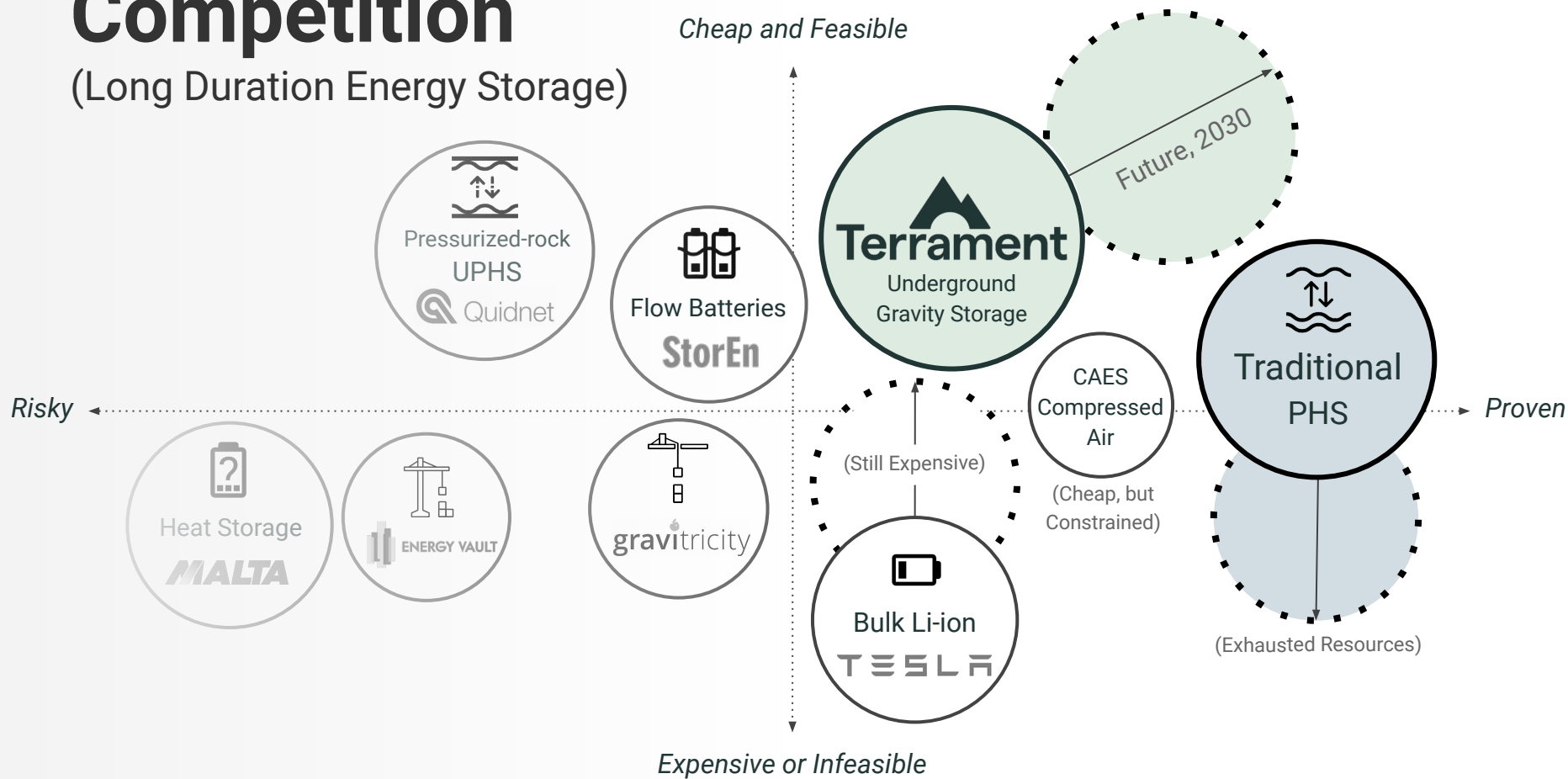
PHS is 98% of market, but it's tapped out. And Terrament is cheaper.



Comparison of Energy Storage Technologies by Levelized Cost (LCOE) in \$/MWh

# Competition

(Long Duration Energy Storage)



# Terrament Team advisors/potential founders + partners



**Eric Chaves**

*CEO, Technologist*

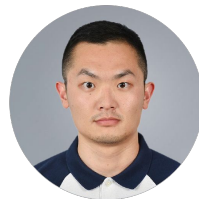
Entrepreneur/Software Engineer.  
Background in Architecture,  
Engineering, & Industrial Design.



**Colin Bateson**

*Mechanical Engineer, PhD*

First Mode: Engineering, analysis  
and prototyping for space, mining,  
and clean tech industries.



**Mengye Chen**

*Civil Engineer, PhD*

Hydrological climate risk modeling.  
AI-based flood prediction and supply  
chain optimization.



**Isabelle Heye**

*Mechanical Engineer, ME*

Robotics Engineer at Intuitive.  
Manager on team for da Vinci  
robotic-assisted surgical system.



**Etinosa Ogiesoba**

*Electrical Engineer, ME*

Energy project developer; Harvard  
Business School MBA (candidate).



**Gregory R. Scott**

*Civil Engineer, PE*

Project Manager for heavy civil &  
industrial projects; bridges, dams.

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**Independent R&D Partner**

*Non-profit Engineering Org*

Co-applicant on multiple federal grants.  
Will build prototype on their campus.

CONFIDENTIAL



**Crowdfunding Platform**

*Marketing Content Sponsor*

Funding platform to sponsor our  
media content & marketing campaign.

# Business Model

## Green energy “holy grail”



Renewables + Terrament = 24/7 Green Energy, cheaper than oil.

**3.5¢ + 10¢ = 13.5¢/kWh < 17¢/kWh Gas Peaker**

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### Sell to Energy Developers and Utilities

- Value Stacking: Arbitrage; Load firming; Curtailment reduction; Transmission upgrade deferral.

### Terrament Installation Specs

- Energy: 2 GWh | 125 MW
- Cost: \$350M | \$180/kWh
- **LCOE: 10¢/kWh**

# Go To Market

**Sell expertise. Outsource scale.**



## What & How

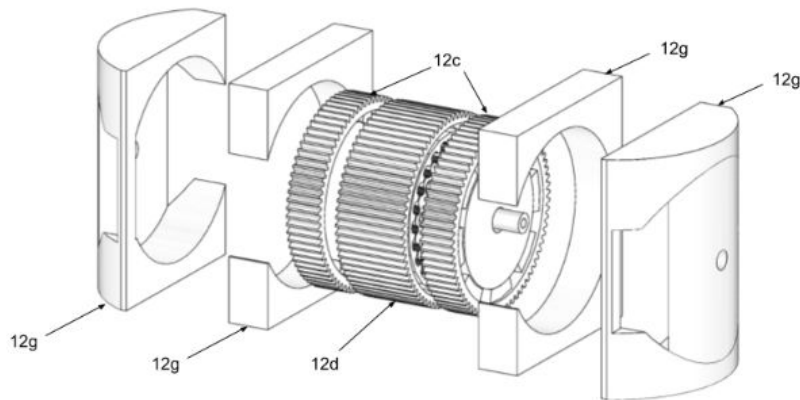
*Terrament architects & engineers solutions.*

- Leverage patents, license IP
- Manufacture and sell critical components
- License proprietary system software

## Who & Where

*Utility customers fund, own, & operate installations*

- CCAs and small energy utilities
- Large renewable energy developers
- Municipal and government operators
- Early growth in CA, TX, NY → All U.S. → Global



*Partnership-in-progress Logos  
(not public)*



# Angel Round: Seeking \$500k–\$1M

With 1-2 years of runway:

- *Research & design*
- *Build and iterate prototypes*
- *Win non-dilutive grant funding*

# Terrament

Radically Scalable Energy Storage



**Thank you**  
[eric@terramenthq.com](mailto:eric@terramenthq.com)

# Financial Projections

[illegible]

# Current Raise: \$1M Angel For a 2-year runway

[illegible]