

Energy Storage and Transition for Remote Contexts

“Storage Alternatives”
Session IPS Connect

July 27th, 2022, Cordova



What does energy storage mean to us?



Which piece of the puzzle is it in a clean energy project?



TUGLIQ's mission is to displace fossil fuels with local,
proximity resources.

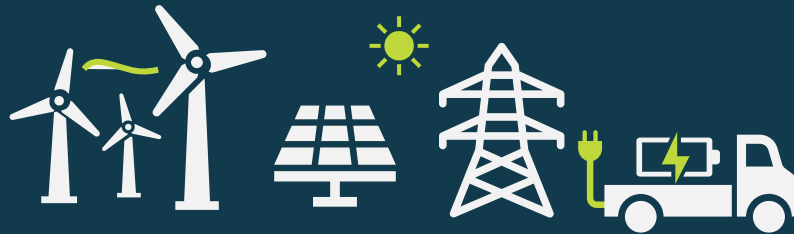
An agile and flexible approach to overcome hurdles and maximize local benefit

Consulting



- Project Validation
- Decarbonization Roadmaps

Solutions Provider



- Independent Power Producer
- Electric Vehicles for Northern Climate

Local Partnerships



- Working *with* communities
- Developing projects *with* local development corporations

Raglan I & II: the impossible made possible



TUGLIQ Energy Corp.

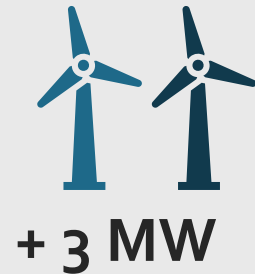


A fully diesel grid with an excellent wind resource



- High cost of fuel
- Global price volatility
- Carbon footprint

Displacing diesel is not a question of *if* but of *how much*?



- Flywheel
- Li-Ion battery system
- Hydrogen plant*

- Li-Ion battery system
3MW/1MWh



4.4 M liters
diesel avoided annually



7,200 T
GHG avoided annually



97.5% availability

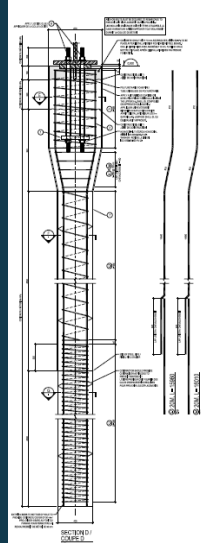
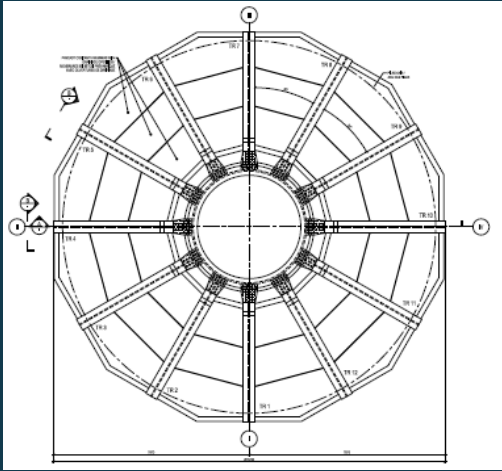
Plan logistics. Plan backup logistics. Repeat.



Blade delivery and assembly



Thinking outside the box



Spider Foundation



Arctic proven innovation adapted to permafrost & global warming.

Innovative Arctic foundation

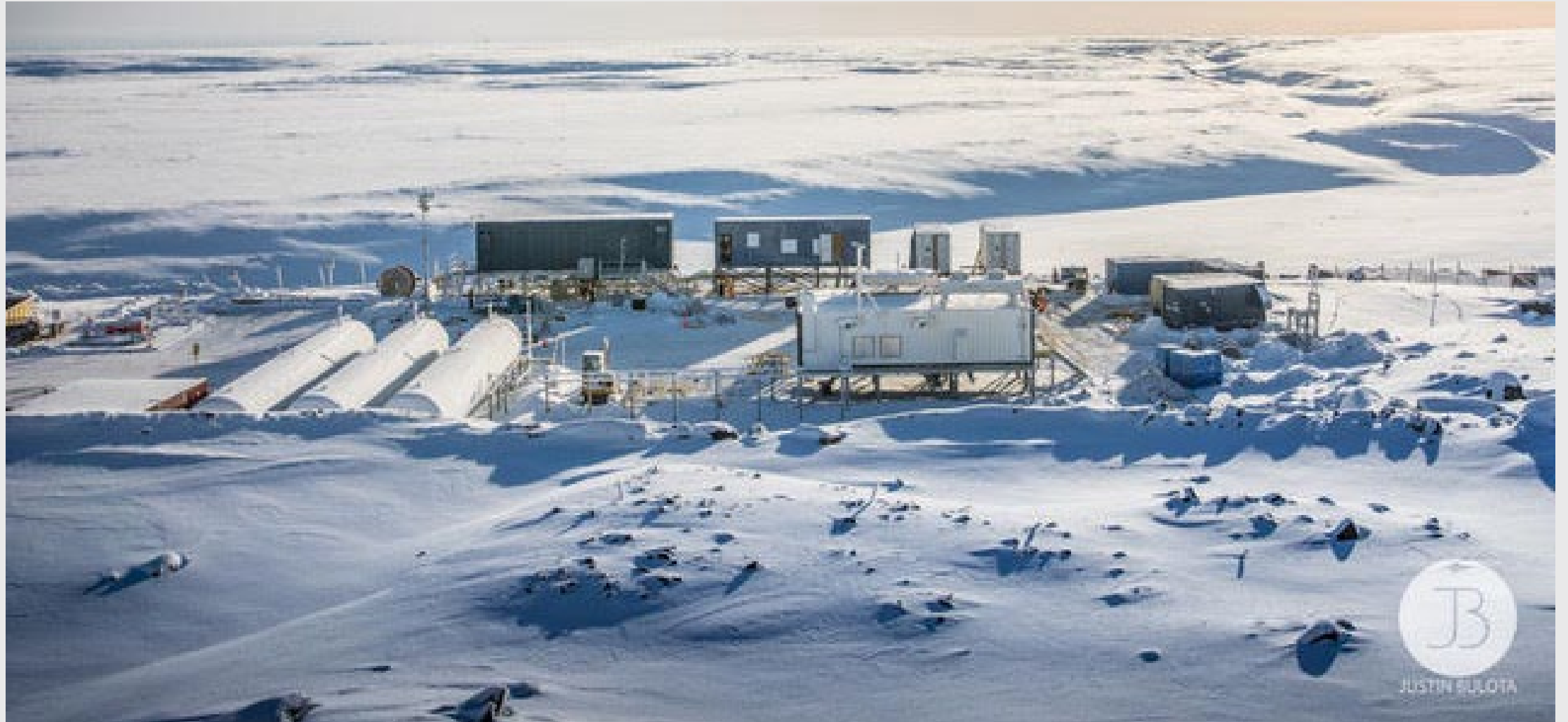


JUSTIN BULOT

Foundation drilling Raglan II



Energy storage in Nunavik Quebec



Growing clean energy and transition at remote sites

Arctic Solar



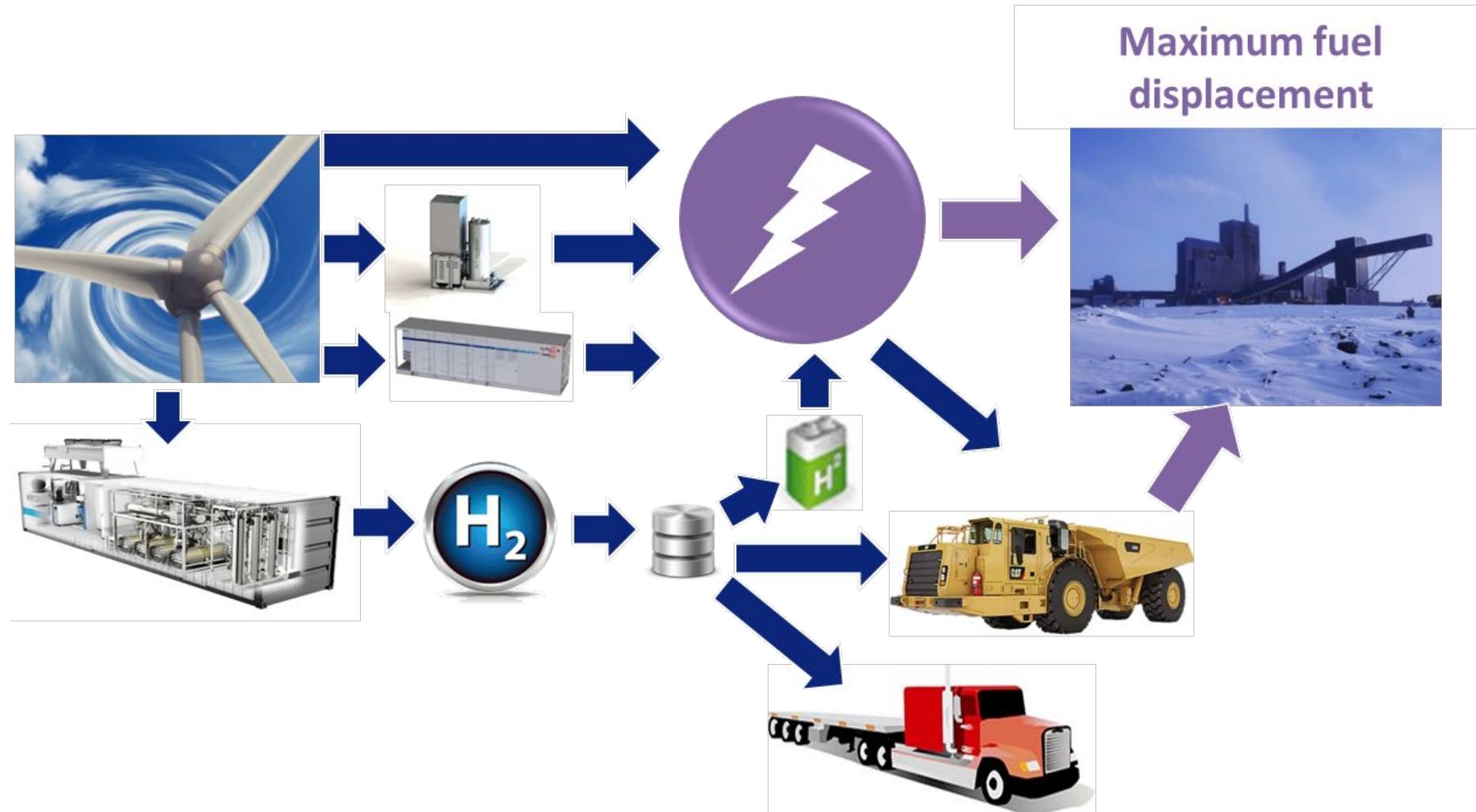
EVs for the North



Arctic EVs being tested at 2 Canadian mine sites



The road to fuel displacement becomes open to our visions





Agility and out-of-the box thinking is a common need for clean energy projects and transition for isolated and remote sites across the globe.



Contact

Kristina Hamernik
khamernik@tugliq.com

www.TUGLIQ.com