



An inquiry into Community Batteries

- our long and winding road
- it's the data, brainiac
- who's got the buckazoids

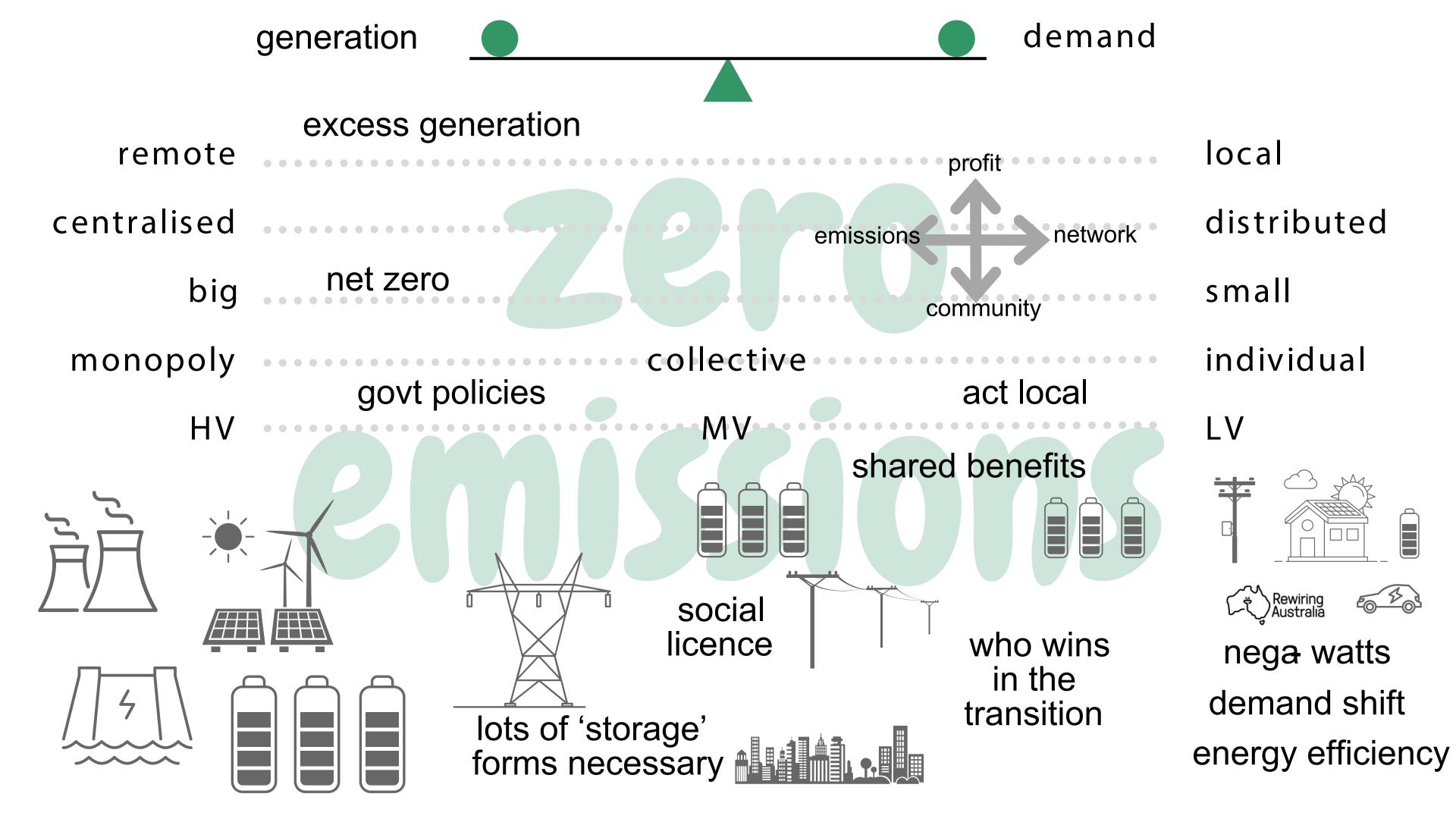




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Audience challenges

- ZEN and the art of motorcycle maintenance: an inquiry into values
 - 1974 philosophical book about quality by Robert M. Pirsig
- our long and winding road
 - Beatles recent Al song "Now & Then"
 - "The long and winding road" Let It Be album(their last)
- It's the data, brainiac
 - Bill Clinton campaign "it's the economy, stupid" advisor James Carville
- who's got the buckazoids
 - currency in "Space Quest" Sierra video games 1986-1995.
 Galactic adventures of janitor Roger Wilco whose quest was for "truth, justice & really clean floors"





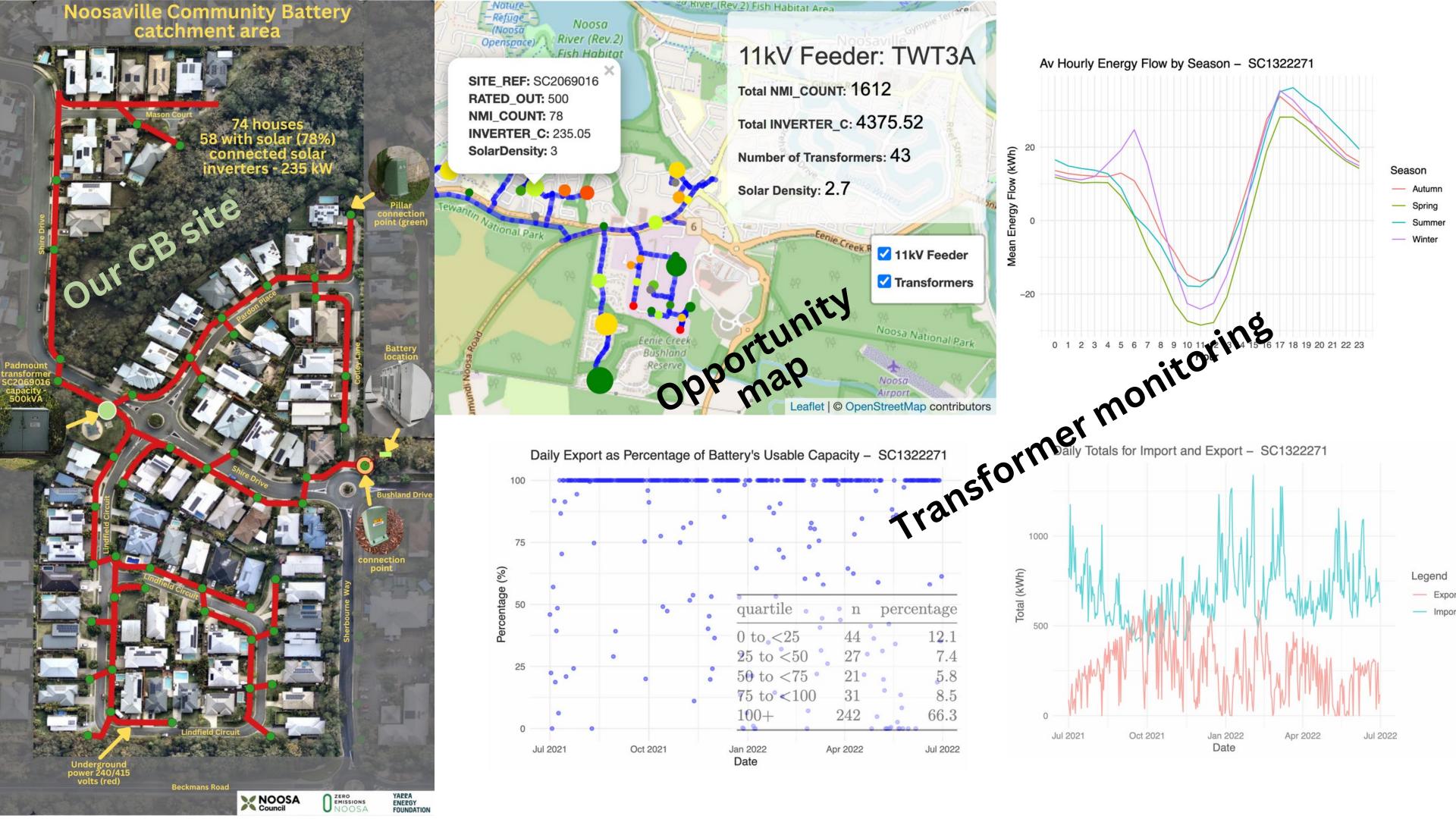
Make a plan

- initial study thanks Heather Smith + Vikki McLeod Noosa Council funded
- Qld Dept Environment sustainability grant *
 - Business Plan for a Network of Community Batteries in the Noosa LGA
 - engaged experts YEF Chris Wallin, ex-EGX Steve Fairless, The Social Deck(probono), strong Steering Group, EGX collaboration
- Enabled Noosa Council, YEF & ZEN to partner to win \$500k DCCEEW grant**
 - only non DNSP in Qld
 - underway community engagement now
 - o 120kW / 360kWh commissioned before June 2024
- Enabled bid for ARENA EOI unsuccessful
- Roadmap informed by our real project

* This project has received funding support from the Queensland Government's Community Sustainability Action grant program

** This project received grant funding from the Australian Government

Sandman's Advice to the Unpopular: "Failure is easy. It takes no planning at a





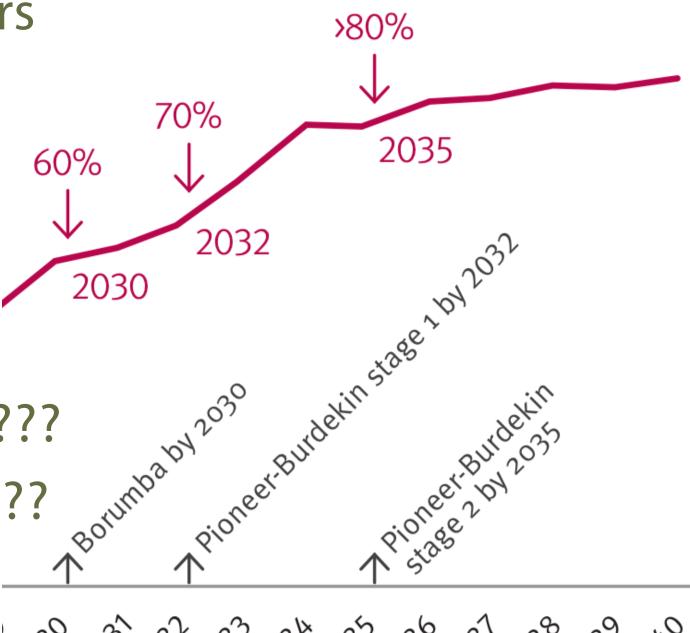
Where's the money coming from?

- currently no case for commercial investment
- reliant on grants, incentives, subsidies
- even 1/2 CAPEX, 2 X Revenue, 1/2 OPEX
- very modest NPV

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based on YEF 11 year
modelling
arbitrage + FCAS + CB tariff
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Possibilities?

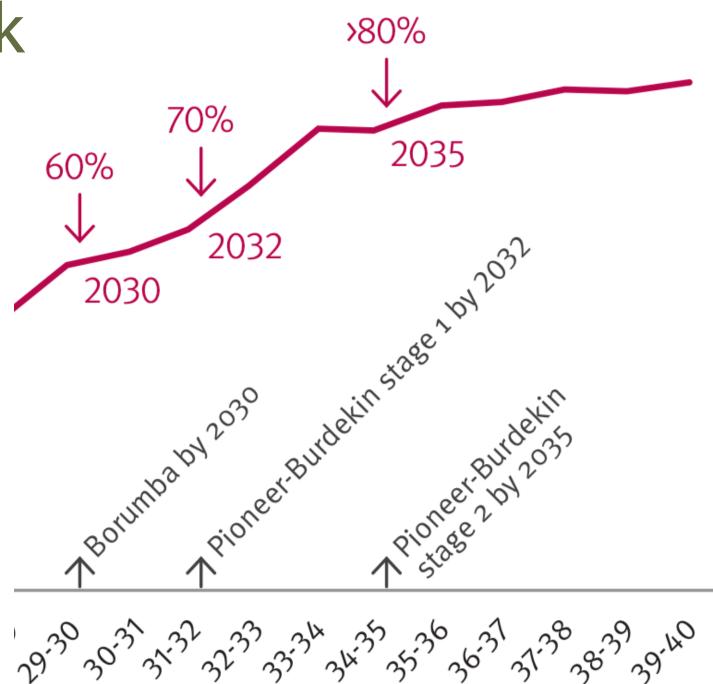
- combine solar PV + batteries
 - o commercial solar + battery BTM ROI 4-5 years
- Queens land Energy & Jobs Plan
 - REZ + big storage + transmission
 - 2 x PHES + big batteries
 - political rather than NPV/ROI decisions ???
 - will CAPEX, timeframe, social licence be met ???
 - Energy Storage Strategy sometime in 2024 ???
 - EQld "Local Network Battery Plan"



Possibilities?

- DCCEEW pilots should demonstrate
- CBs as standard, ubiquitous, low risk
- Could Qld E&J P also invest
- lots of MV & LV CBs
- to mitigate big infrastructure risks

other smart ideas ?



An inquiry into Community

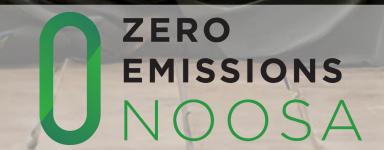
- Council + community + experts -> roadmap
- brainiac data
- we're ready show us the way

to the buckazoids



zeroek issionsnoosa.com.au data-dashboard





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