



Indigo Power

**COMMUNITY BATTERY COMMERCIAL
MODELS**



Indigo Power

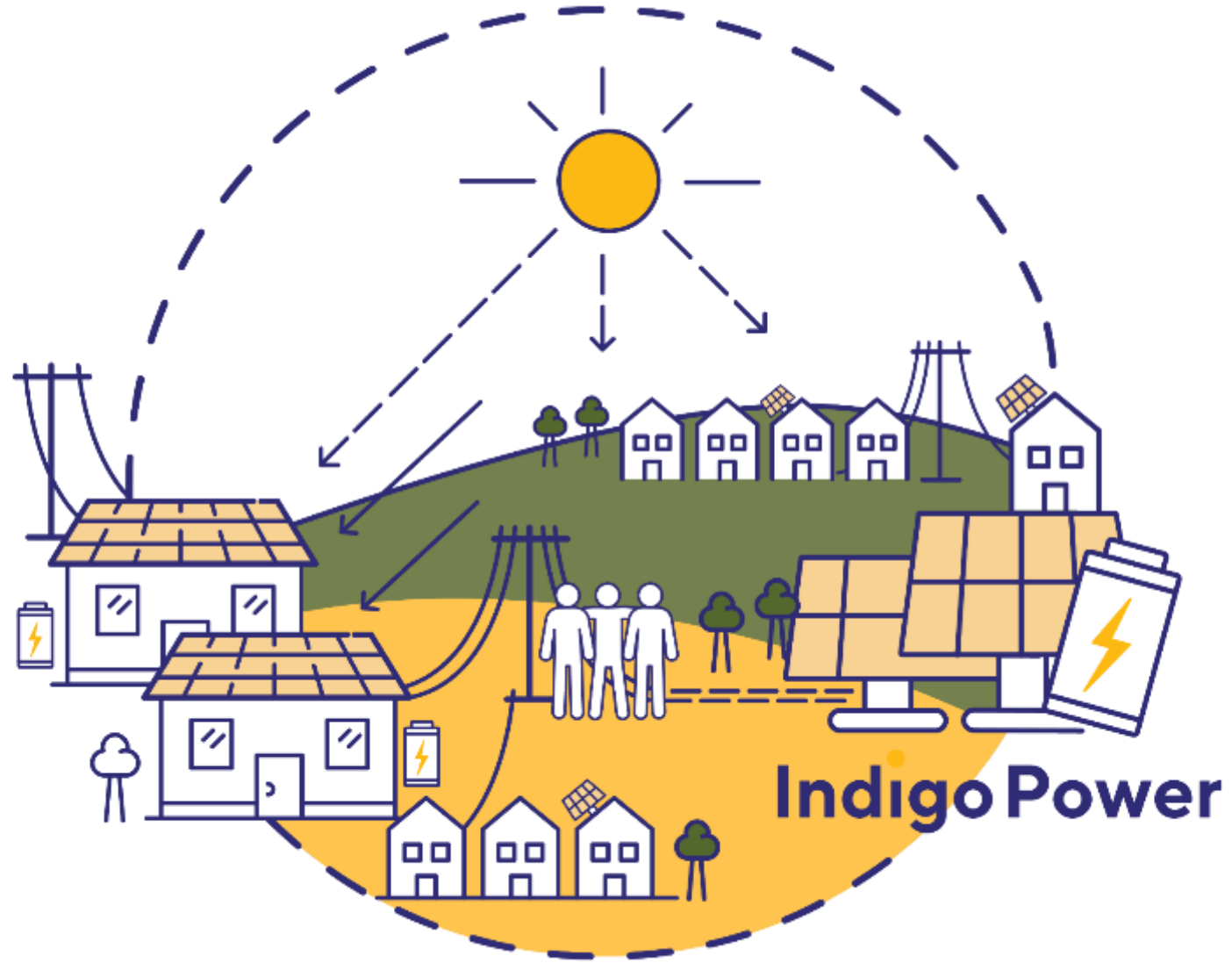
Background

Benefits

Risks

**Commercial
Options**

Next Steps



Indigo Power

**Community
owned**

**Social
Enterprise**

**Project
Managers**

**Clean Energy
Asset Managers**

**Electricity
Retailer**

**To create a society
powered by
100% renewable
energy in a way that
supports and
empowers
communities.**

**Indigo Power
Foundation**

Background

Clean energy & resilience

Yackandandah
Battery



Black Summer
Bushfires



Feasibility Study



Neighbourhood Battery & Power Plant

A neighbourhood battery is a mid-scale energy storage device, generally with a storage capacity of 50kWh – 2 MWh. They are often connected directly to the low voltage distribution network but may also be connected to a building, similarly to a household-scale battery.

A neighbourhood power plant is a medium-scale (50 kW – 5 MW) battery energy storage system connected to the distribution network, which primarily charges from co-located solar PV generation that is surplus to load at its connection point, and primarily exports its stored usable energy into the distribution network.



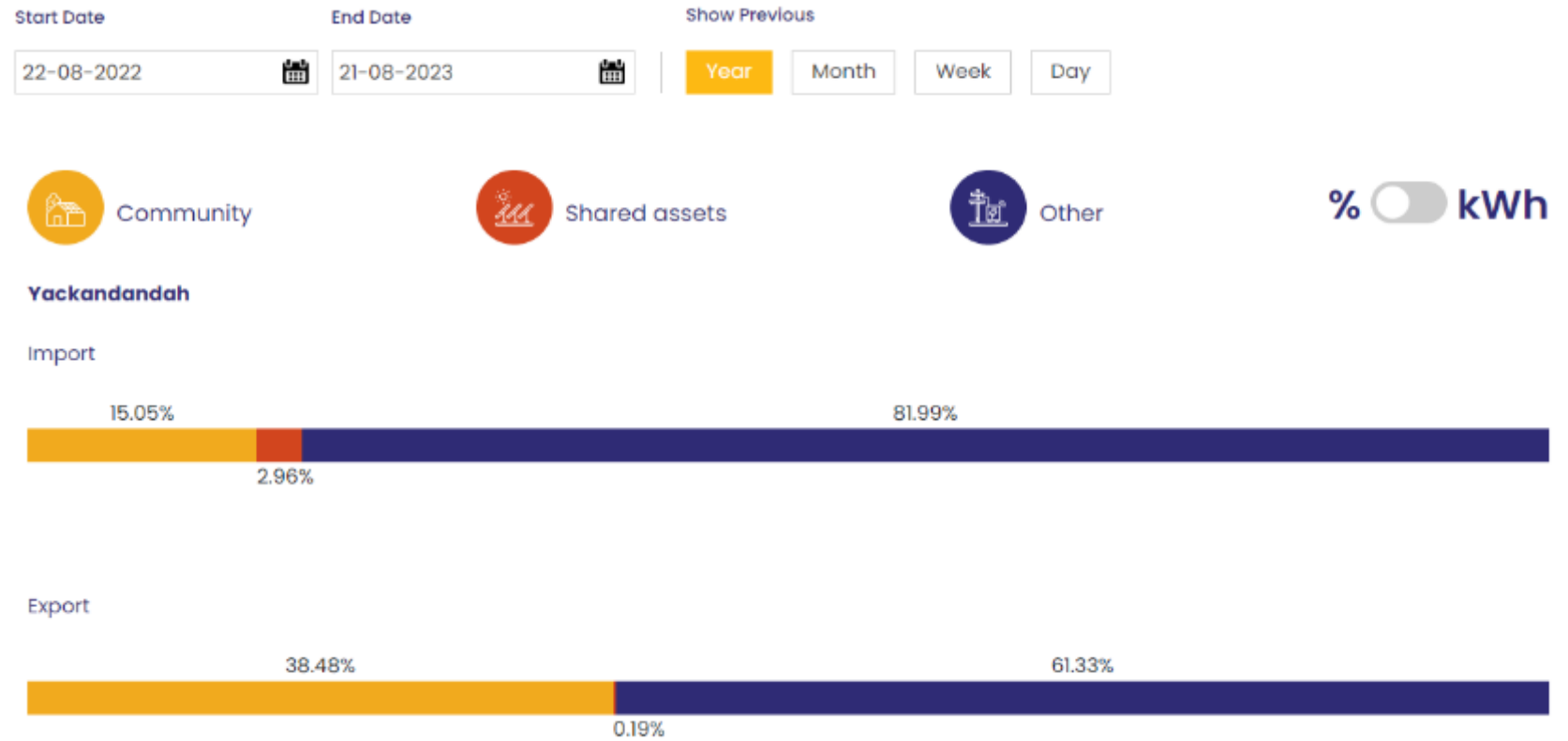
Benefits

Benefit

- Energy Resilience
- Environmental
- Community participation
- Network
- Innovation
- Financial

Not included

- Retail cost savings
- Special benefits for certain households
- Virtual trading



Operational requirements & risks

Requirements

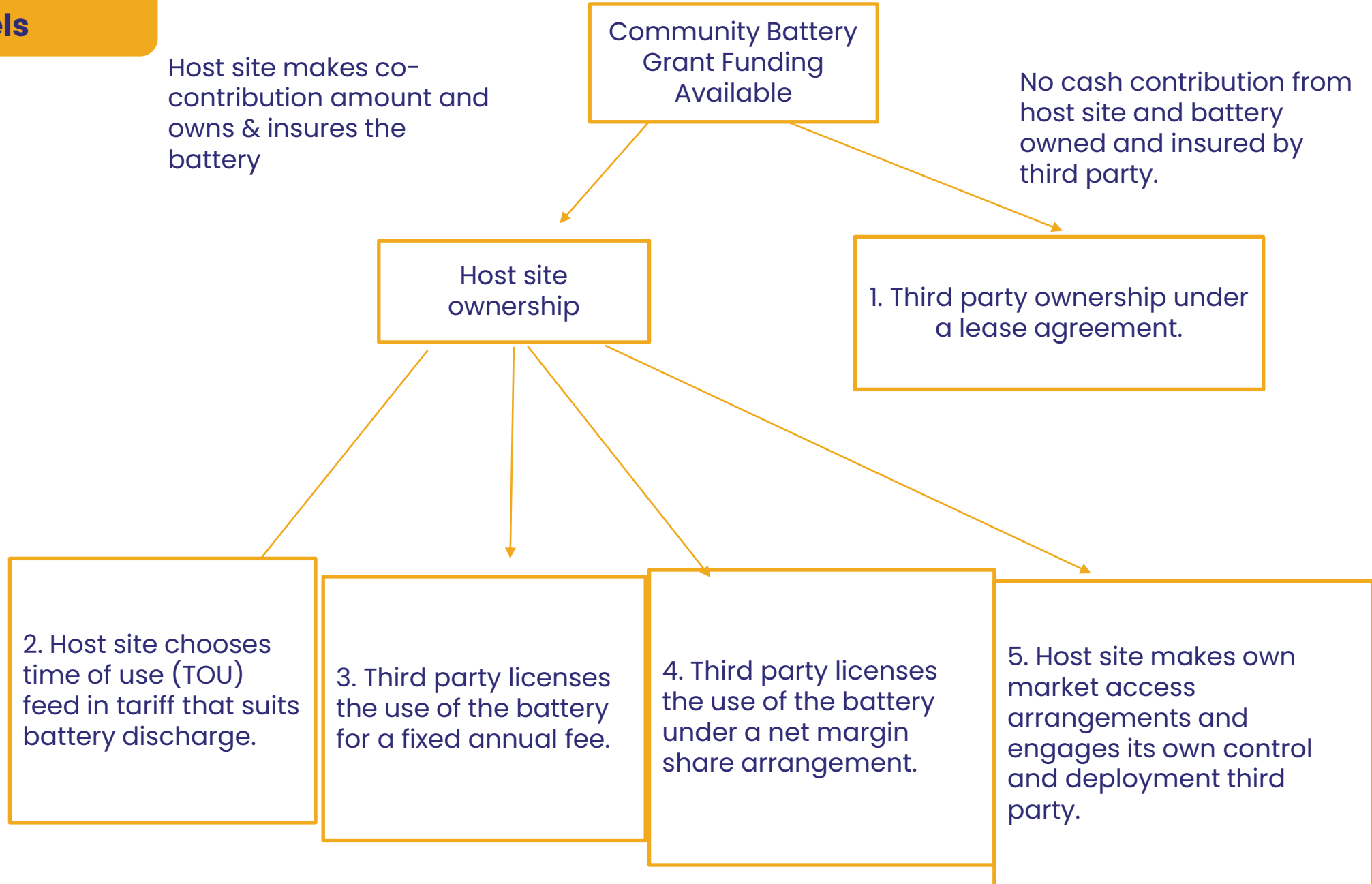
- Market Access
- Control, aggregation and deployment
- Electricity retail
- Operations and maintenance

Operational Risks

- Financial – Market exposure
- Technical – Control failure, system failure, safety
- Regulatory – compliance failure



Commercial Models



Commercial Models

	Option One Third party owned and operated	Option Two: Host site owned with TOU Feed in tariff	Option Three: Host site owned with third party flat fee licence	Option Four: Host site owned with third party margin share fee licence	Option Five: Host site owned and operated
\$75,000 investment					
Cash investment required	N	Y	Y	Y	Y
Financial Return	Low \$1,000 p.a. in cost savings	Low \$3,000 income \$2,000 p.a. in cost savings	Low \$5,000 p.a. income \$1,000 p.a. in cost savings	Medium \$7,500 p.a. income \$1,000 p.a. in cost savings	High \$15,000 p.a. income \$1,000 p.a. in cost savings
Risk	Very low	Low	Low	Medium	Very High
Flexibility	Low	Medium	Low	Medium	High
Resourcing	Very low	Medium	Low	Medium	Very High

Commercial Models

	Option One Third party owned and operated	Option Two: Host site owned with TOU Feed in tariff	Option Three: Host site owned with third party flat fee licence	Option Four: Host site owned with third party margin share fee licence	Option Five: Host site owned and operated
Site Lease Agreement	Y	N	N	N	N
Equipment Lease, including operations and maintenance	N	N	Y	Y	N
Power Purchase Agreement	Y	N	Y	Y	N
Stand alone maintenance Agreement	N	Y	N	N	Y
Retail Terms and Conditions	N	Y	N	N	N

Next Steps

- Commercial Model Survey (Dec 2023)
- Preliminary Modelling (March 2024)
- Design Brief (March 2024)
- Site Proposal (April-June 2024)
- \$100,000 budget for delivery



**Any
Questions**

The image shows a white banner with the text "Indigo Power" in a bold, blue, sans-serif font. A small yellow dot is positioned above the letter 'i' in "Indigo". The banner is attached to a white metal frame. In the background, there is a large building with a corrugated metal facade and several solar panels mounted on the roof under a clear blue sky.

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