



# Indigo Power

**100% Renewable Community Blueprint**

Presentation by Donald Mace  
Energy and Innovation Conference  
13-14 September 2023



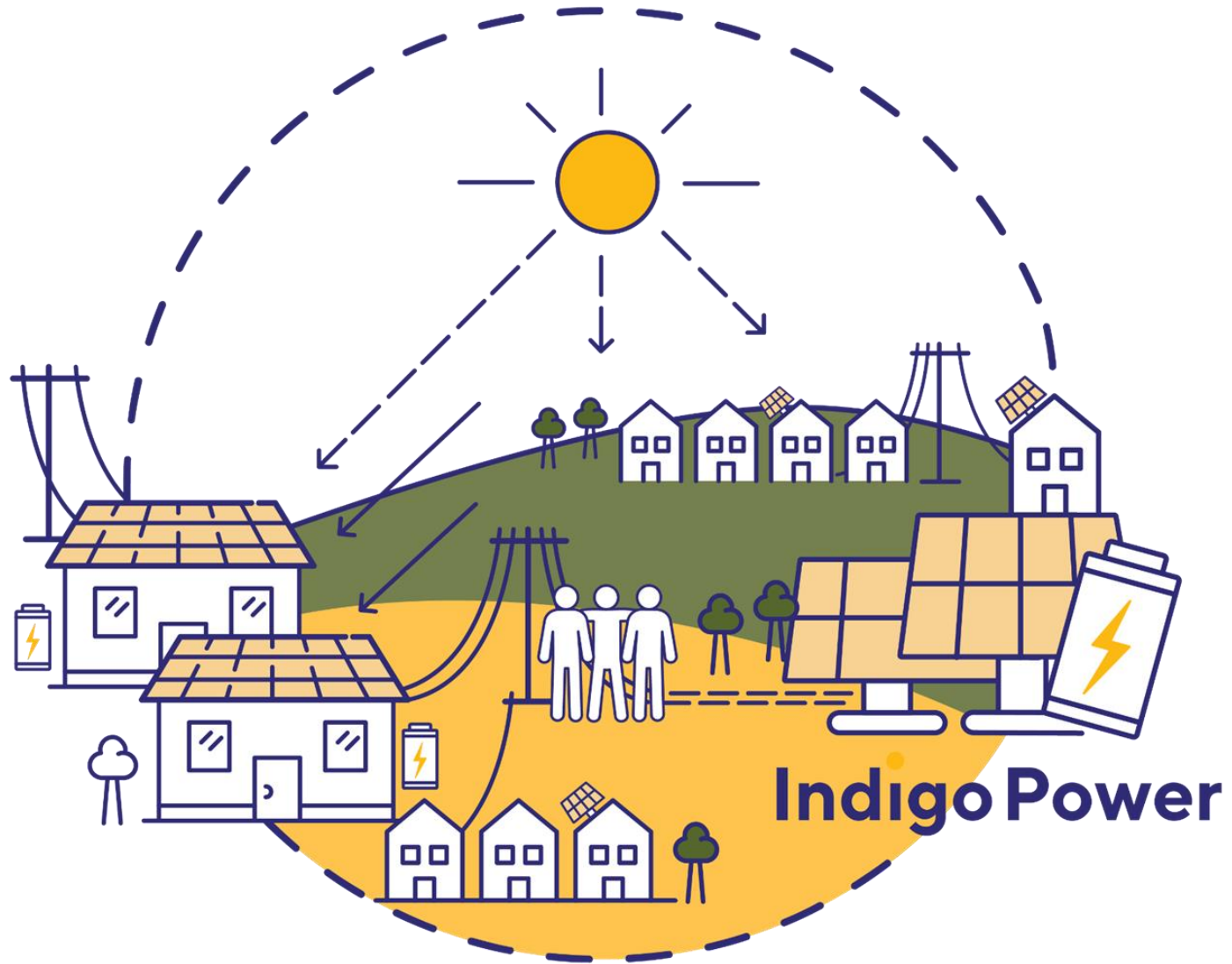
**What we do**

**Who are we**

**Why the Blueprint**

**The 6 stages**

**Any Questions**



## What we do

**Community  
owned**

**Social  
Enterprise**

**Electricity  
Retailer**

**Project  
Managers**

**Asset  
Ownership**

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

# Meet the Team



## **Ben McGowan – Managing Director**

### **RETAIL**

Donald Mace – General Manager Electricity Retail

Fran Quintanilla – Marketing Manager

Nathan Parke – Sales and Service Officer

Linda Beverly – Administration Officer

### **PROJECTS / ASSETS**

Heath Shakespeare – Project Manager

Denevan Schulz – Project Manager

Nathan Klasen – Project Engineer

Nick Mason-Smith – Analyst

# Why the Blueprint?

## Where do Community groups start?

**Too much information out there**

**There are lots of passionate people who want certainty that their efforts  
will lead to real change**

**Indigo Power has experience in delivering projects like**

- i. Yackandandah Battery
- i. Energy Reliability & Resilience
- iii. Community Energy Network
- iv. Electricity Retail

## The six stages

# This six steps blueprint is the roadmap to power a community with 100% renewable energy



**Electricity Retail:**  
The Community Energy Hub



**Energy Generation and Sharing:**  
Let's share the energy



**Technology roll-out:**  
Rapid small-scale deployment of the best clean energy technology



**Shared infrastructure:**  
Community owned for community benefit



**Community energy:**  
Passionate people for renewables



**Giving back:**  
A positive feedback loop

#1



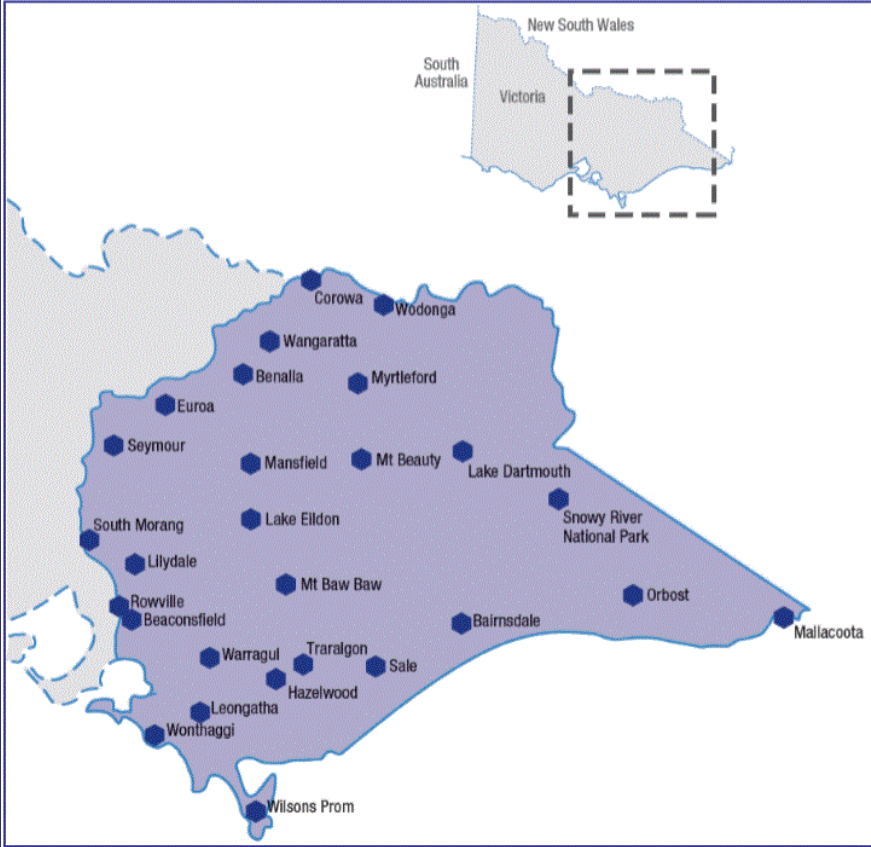
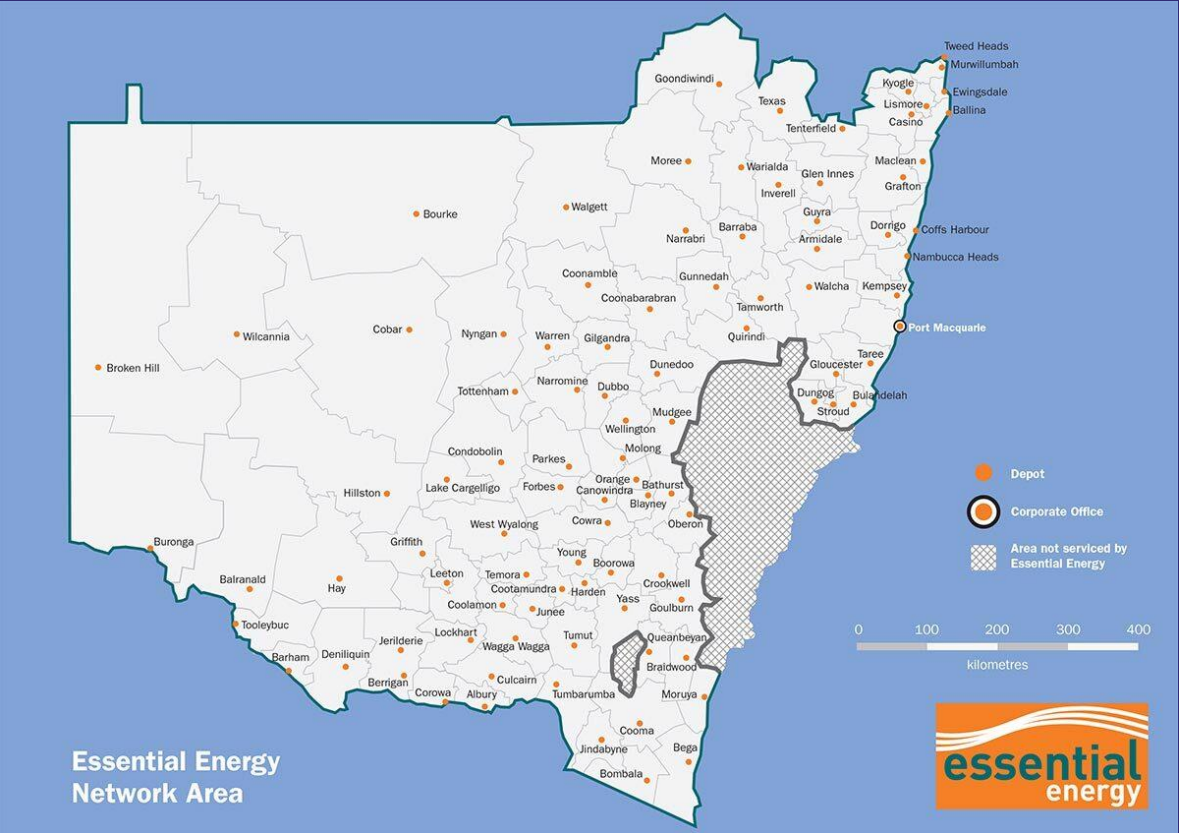
# Electricity Retail: The Community Energy Hub

**We provide an electricity retail service so that communities can create and share electricity locally through their own community energy hub.**

**Measure of Success:**

At least 100 members in each community energy hub signed up to Indigo Power retail. Allows us to understand a hub's profile and plan strategic interventions, like shared infrastructure or clean energy technology rollouts.

# We retail to Residential & Small Businesses in Regional NSW & Eastern VIC



Expansion coming soon



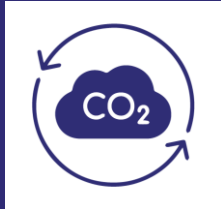
# Our difference



**Local and community owned**



**Share the energy**



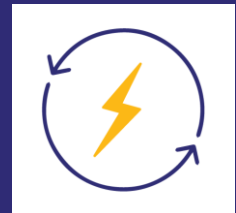
**Carbon Neutral**



**Join your local Energy Hub**



**Social Enterprise**



**For a cleaner future today**

2022 Greenpeace  
**Green Electricity Rating**



The Green  
Electricity  
Guide

# Energy Generation and Sharing: Let's share the energy



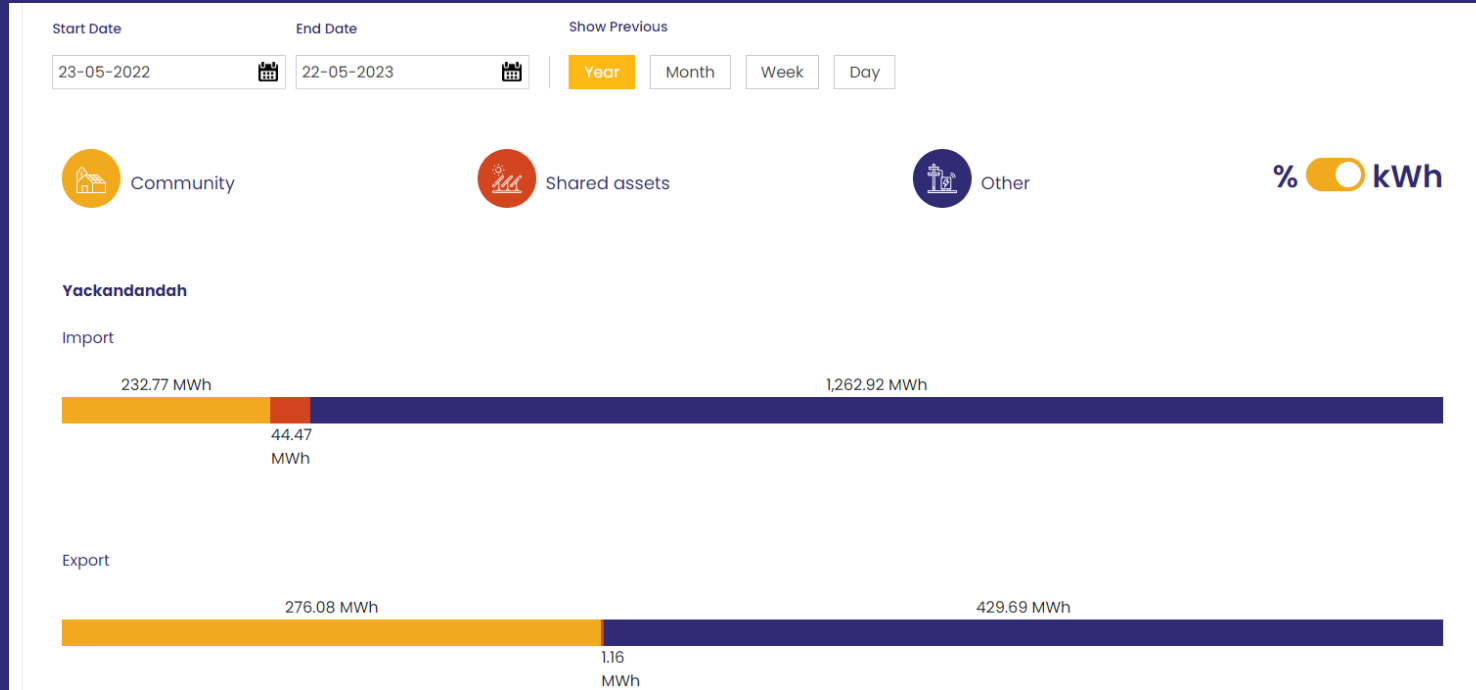
**Our energy sharing software is our dashboard, giving each community the visibility it needs to reach 100% renewable energy supply.**

**Measure of Success:**

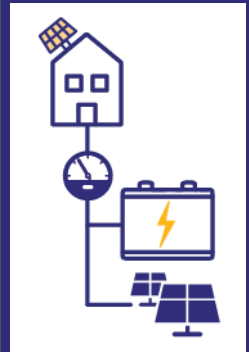
**A good hub needs to be actively constructed, with contributors across all membership types.**

- 1. Electricity generators 30%
- 2. Residential Electricity Users 40%
- 3. Energy shapers 20%
- 4. Large daytime electricity users 9%
- 5. Shared infrastructure 1%

# Indigo Power has a unique energy sharing platform



Indigo Power tracks where energy is coming and going from within a hub. If your neighbour has been importing electricity, at the same time as you have been exporting electricity from your solar power system, we say this energy has been shared.



# Technology roll-out: rapid small-scale deployment of the best clean energy technology

Each community requires rapid deployment of solar PV systems to generate renewable energy, battery systems to store it, smart control devices for smart energy use, super efficient hot water systems to increase household energy efficiency and electric vehicle technology to decarbonise our transport.

### Measure of Success:

Broadscale rollout of small scale clean energy technology to increase renewable energy sharing, including:

- Energy efficient heat pump technology
- Solar, battery
- Smart control devices
- EV charging equipment
- Energy nodes
- Virtual power plants

#4



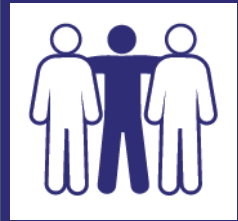
# Shared infrastructure: community owned for community benefit

We want to help each of our communities build the community infrastructure that's right for their town. We can help you design it, build it, or operate and maintain it. You can own it, or we can.

## Measure of Success:

We'll work with you to identify and deliver the best shared infrastructure options for your town such as:

- Large scale rooftop solar and community scale battery storage
- EV charging at public charging stations
- Pumped hydro energy storage
- Other community scale assets on a case by case basis



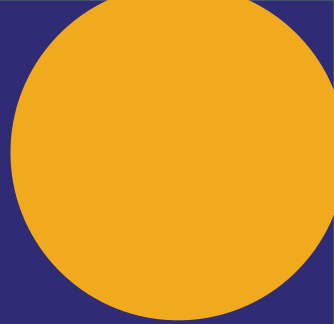
# Community energy: passionate people for renewables



**Each hub needs a team of local champions , to be the renewable energy leaders in their community energy hub, to drive change, and to bring their community along with them.**

**Measure of Success:**

We're committed to supporting our community energy champions and participate in the Community Energy Network, a network of community renewable energy groups from across Australia, who come together to share knowledge, resources and advice.



#6



# Giving back: a positive feedback loop



**Indigo Power is 100% Australian and community owned, and as a certified social enterprise, 50% of profits are returned to our communities.**

### **Measure of Success:**

Right now, partners can get in touch with the Indigo Power Foundation to assist with their fundraising needs, and Indigo power will return 50% of any profits to programs that support our purpose.

## The six stages

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Any  
Questions

The image shows a white metal container with the 'Indigo Power' logo printed on its side. The logo consists of the word 'Indigo' in a dark blue, sans-serif font, with a small yellow dot above the letter 'i'. To the right of 'Indigo' is the word 'Power' in the same dark blue font. The container is situated in an outdoor industrial or solar farm setting, with other similar containers and solar panels visible in the background under a clear blue sky.

**Indigo Power**

Join  
**Indigo Power**

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