

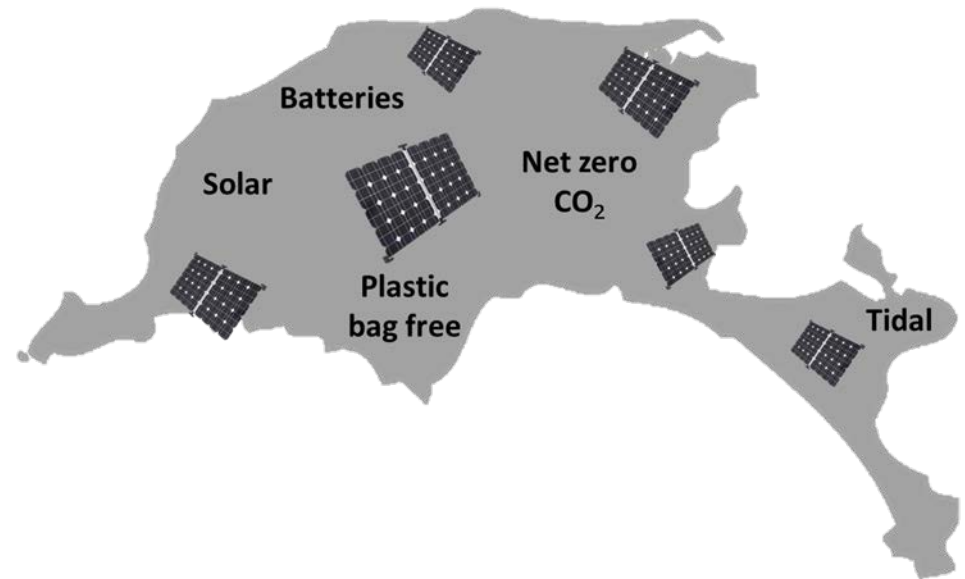


Welcome

Acknowledgment

Where did the idea spring from

Outline of meeting



Sli.do poll question

- Search for sli.do app
- Select <https://app.sli.do>
- Enter code here – **J731**
- **What brought you here today?**
 - You can choose more than one answer
- We will display responses at the end

Taryn Lane, Hepburn Wind and the Z-nett initiative in Hepburn Shire

TARYN LANE AUGUST 2017

LIGHTHOUSE COMMUNITIES

zero-net energy transitions & community energy



Matt Charles Jones, Totally Renewable
Yackandandah and Mondo Power



Sli.do poll

- Next question
- **What interests you most about the Totally Renewable movement?**
 - You can choose more than one answer
- Search for sli.do app
- Select <https://app.sli.do>
- Enter code here – **J731**

Moragh Mackay, Chair, Energy Innovation Co-operative



Energy Innovation Co-operative

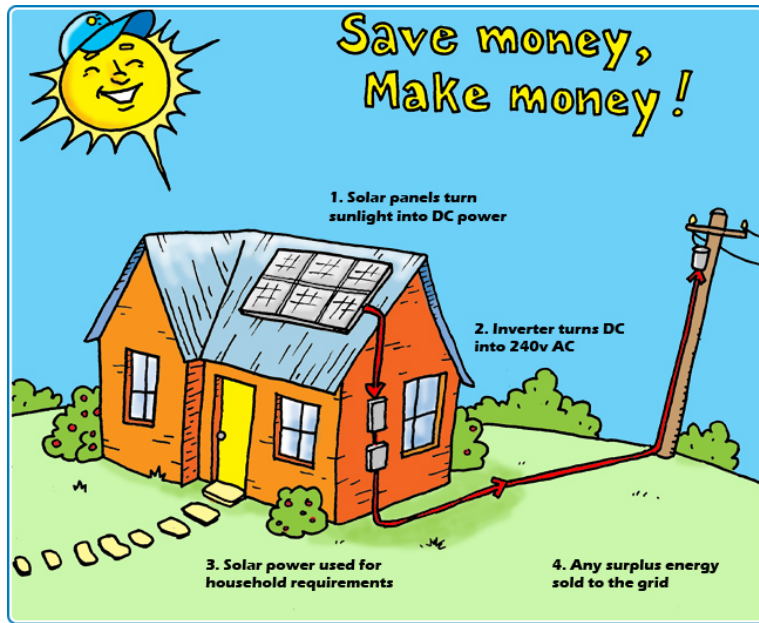


- Is a not-for-profit, non-trading Co-operative with shares
 - 340 shareholders, over 400 on mailing list
 - Community-based Board & part-time Project Manager
- Our Mission:

Working together towards a zero emissions community

- Members & activities mostly in South Gippsland & Bass Coast Shires & recently in Latrobe Valley
 - No geographic limitations

Activities 2010-2016



- **Southern Solar Hub** facilitated 650 kW solar PV into homes & businesses across south-west Gippsland
- **Climate Communities** multiple workshops & info sessions on improving energy efficiency in the home
 - Reach >2500 people
- **Co-op funds** spent on **local** contractors, **local** groups and **local** services
- Newsletters, field days, member days, social media, website
 - www.eico-op.com.au

Five stages of our Business Plan

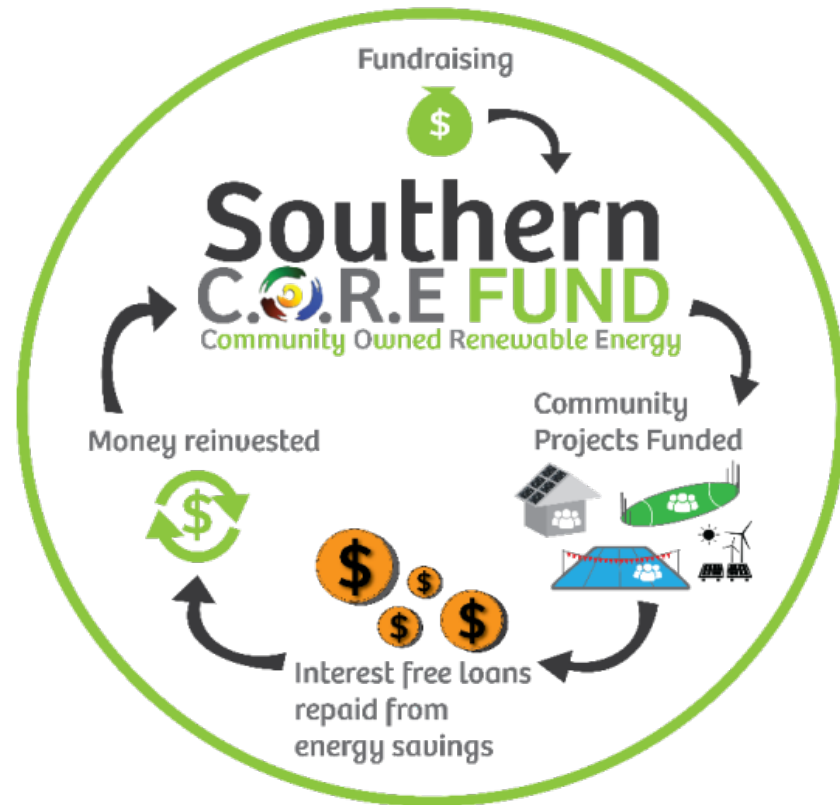
2017-2023



- 1. Southern CORE (Community Owned Renewable Energy)
Fund: a mechanism to fund community renewables**
- 2. Old Energy-New Energy: First solar powered coal mine at Wonthaggi, providing a demonstration system and an income stream to fund community owned renewables**
- 3. Energy Innovation Centre/ Retrofitted Miner's cottage**
- 4. Training & learning in renewable energy technologies**
- 5. Keeping up with new stuff**

Stage 1. The Southern CORE (Community Owned Renewable Energy) Fund

- **Donations** from corporates, philanthropic organisations, individuals
- **Community groups apply** for a no-interest loan to install solar energy or hot water
- **Due diligence process** is applied including negotiation on an affordable repayment rate.
- **No-interest loan** is provided and affordable repayments made.
- **Each donation is used over and over again !**



Southern CORE Fund in action



No.1: Foster Pool Association

- New shelter and solar water heating system (on right of photo)
- Total cost ~\$80k
- Our contribution \$20k
- Benefits:
 - more affordable heating and
 - stays open for longer increasing community time spent at the pool



Stage 2: Old Energy New Energy



State Coal Mine, Wonthaggi



- 90 kW on-ground solar and battery storage
- Provides most of the power needs at the Mine
- System is owned by Energy Innovation Co-op
- Income generated from power sales (~\$20k/y) goes to Southern CORE Fund



Contributors

BCCF \$60,000

State Govt. \$241,000

BCSC \$2500





Enhanced capacity through Victorian Community Solar Alliance membership

- 17 community groups across Victoria
- Community Solar Portal facilitating investment in CORE projects
- Provides templates of legal documents
- Back office capacity for financial and admin support
- **Investors** provide capital for **businesses to install solar.**
- Investors receive between **5-7% return /y**
- Co-op has access to on-line and legal tools to begin taking on **investment CORE projects.**



99kW floating solar farm is installed on the East Lismore sewage treatment plant

Cost: \$180,000

Funded by community investors by way of a loan to Lismore City Council.

Proprietary company established as investment vehicle

Capital raised through a private share offer



Maximum 20 new shareholders drawn from the local area, and across Australia.

Council repays the community company over seven years

Company paid franked dividends to investors

Sli.do poll

- Next question
- What most interests you about the possibilities of Totally Renewable Phillip Island?
 - You can choose more than one answer
- Search for sli.do app
- Select <https://app.sli.do>
- Enter code here – **J731**

Bob Davie, Bimbadeen Carbon Farming



Bimbadeen
Phillip Island

Lauren Barker, Plastic-free Phillip Island and San Remo and Boomerang Bags



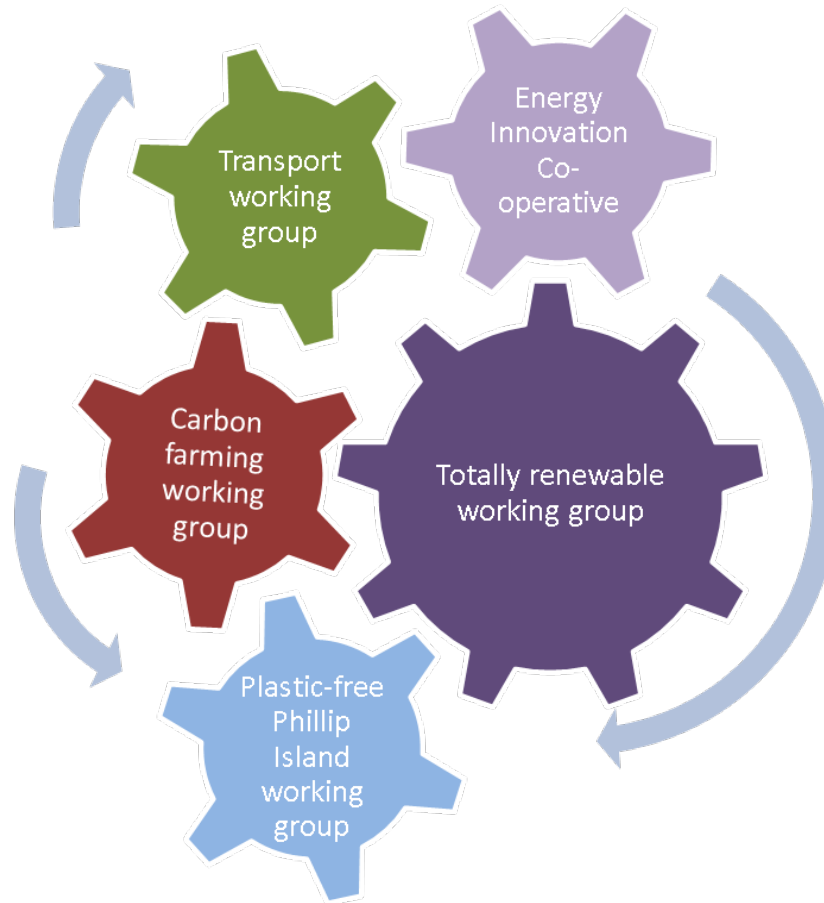
PLASTIC FREE
PHILLIP ISLAND AND SAN REMO

The logo consists of a black rectangular background. In the center, there is a white horizontal rectangle. Inside the white rectangle, the words "PLASTIC FREE" are written in a bold, blue, sans-serif font. Below the white rectangle, the words "PHILLIP ISLAND AND SAN REMO" are written in a bold, white, sans-serif font.

Heidi Hamm, Sustainability Victoria and Take 2 initiative



Co-designing the way forward



Existing and emerging working groups on Phillip Island

Invitation to support the following motion

"We support the formation of a Totally Renewable Phillip Island working group to support existing and develop new community initiatives to pursue the following vision:

"Phillip Island will be a carbon neutral community by 2030 through our collective efforts to use clean, efficient energy, reduce pollution and offset emissions."