Community Owned Renewable Energy Opportunities in Queensland

Sun Powered Queensland Summit

Luke Reade
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Tvind - Denmark
What is ‘Community Owned Renewable Energy’ (CORE)?
Where is this community owned renewable energy you speak of?
Four D’s of Community Energy

Decarbonising

Demonstrating

Democratising

Decentralising
Community Owned Renewable Energy in Bundaberg!
Community Energy
Community Investment Model

Host Site
(e.g. Food Connect)

Commercial Solar Installer(s)

SPV enters into agreement with a commercial solar company, covering installation and maintenance of the solar system.

A loan, lease or PPA is signed by SPV and Host Site.

Community Energy Group
(e.g. co-op)
Special Purpose Vehicle (SPV)

Energetic Communities Association Inc. prepares solar quotes & negotiates the lease or PPA.

Investors receive RoI (and are also members of Energetic Communities).

SPV enters into a services agreement with the Energetic Communities Association Inc.

Community Investors
(members of SPV)
Community Energy Donation Model

Community Members Donate

Community Donors
Revolving Community Solar Fund

In this model, donations are loaned to install solar, are repaid and then re-used to fund subsequent sites.
Community Renewables

- **New Systems Thinking**
  - It’s a Community Development Model
  - By and for the Community

- **Global Movement**
  - Happening all over the world
  - Like the rest of Australian energy and climate policy – we’re behind the 8 ball!

- **Bin the Old System**
  - Beyond “traditional” economics
  - New Business models
  - New Economy Network
Solar Gardens

HOW DOES THE MONEY WORK?

1. Households/businesses invest in farm

2. Electricity “netted off” according to share of farm

3. If share of solar farm generation greater than house/business consumption, electricity “exported” and gets FIT

4. Appears as credit on electricity bill

Under current market rules, network charges will be paid just as they are now – it is just the ENERGY portion netted off
Northern Rivers Energy Community Retailer

• Enova is a community owned renewable energy company servicing the Northern Rivers Region of New South Wales.

• Energy retailing, generation and asset management, and an educational energy literacy arm

• Support the local renewable industry where possible.
Where are we at?

- Co-ops versus Pty. Ltd. and other models
- QLD and the Nationalised Co-op Law
- Culture of learning and sharing
- Working particularly well in regional communities.
Lets talk!

More Information or to Get Involved?

luke.reade@energeticcommunities.org.au