

Clean Energy Access

Barriers & Solutions

“Locked out” energy users

Census quick stats - housing

- 29.6% renting
- 13.6% apartments



No silver bullets

Too many barriers

Split incentives

Ability to pay

Complexity & confusion

Credit risk

Lack of information

Lack of viable models



Too many different types of people locked out

Aboriginal communities

Low income households

Private renters

Public housing tenants

Apartment dwellers

People who are

confused

How it fits together

Customer segments	Primary barriers	Solutions	Secondary barriers
Low-income households	Upfront cost	Grants Low/zero interest loans	Funding availability Credit rating
Renters (social/public)	Split incentives	Loans for social/public housing providers Solar Gardens	Repayment mechanism prohibited under Federal Regs See below
Renters (private)	Split incentives	Rates financing Solar Gardens Landlord/tenant split the benefit Incentivise landlords	High cost business models Federal/state leg change required
People who live in apartments	Split incentives Unsuitable roofs	Strata solar Solar Gardens	High administrative barriers
Other/potentially all	Unsuitable roofs Complexity and confusion	Solar Gardens Smart Energy Communities program	Funding availability



Three important areas!

Accessibility

- Split incentives
- Common property complexity
- Unsuitable building/roof

Affordability

- Lack of up-front capital
- Not credit worthy

Simplicity

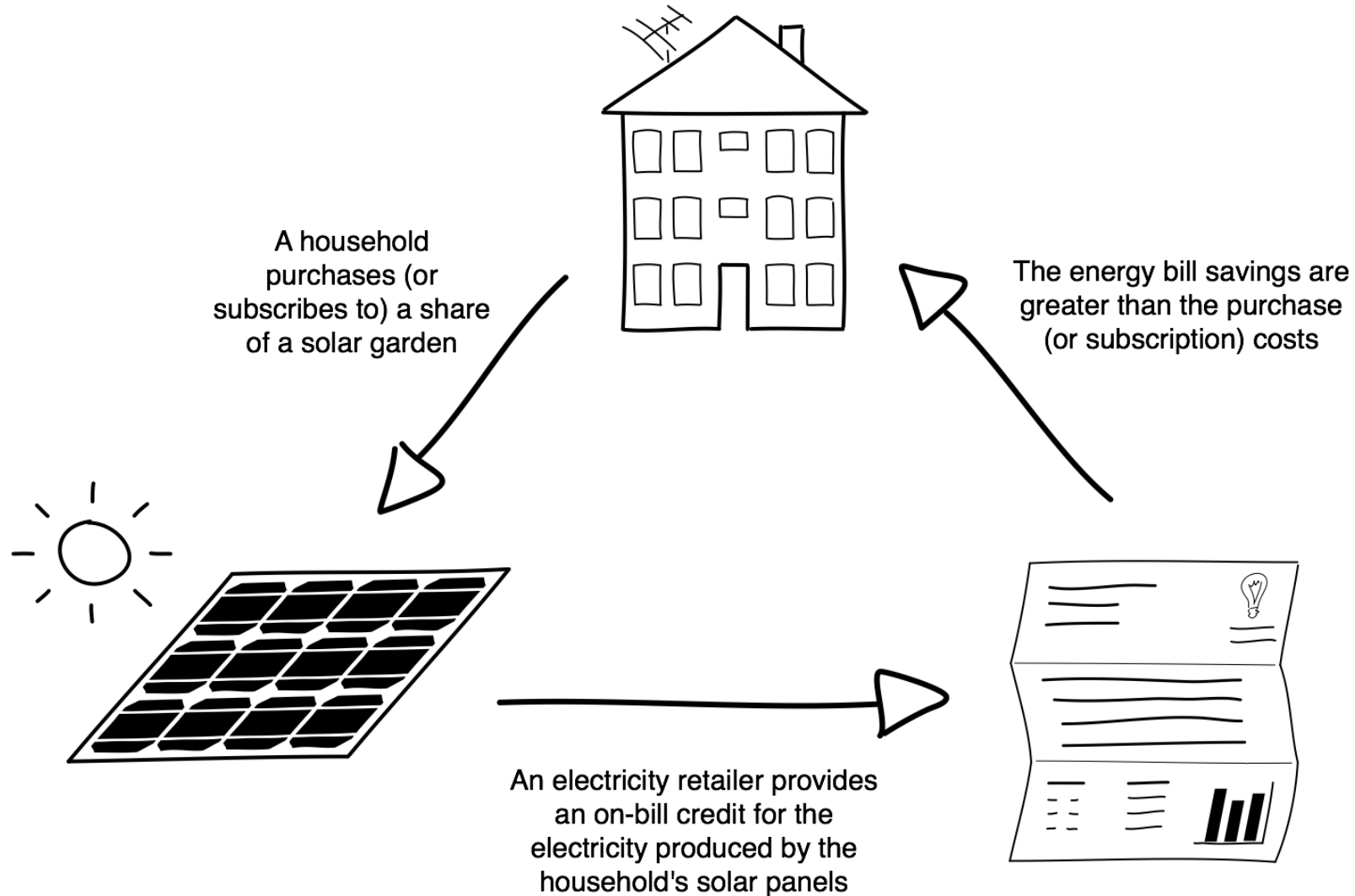
- Maximise uptake
- Minimise risk of default

Too many pilots not enough airplanes

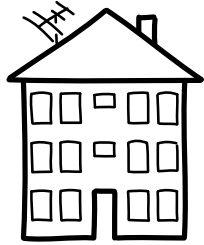


We need a serious package of measures over at least a decade to make clean energy for all a reality.

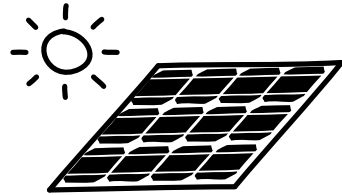
Solution – Social Access Solar Gardens



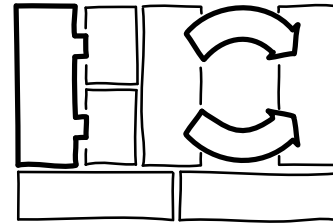
Social Access Solar Gardens Project



**'Locked out'
energy users**



Solar farms



**New business
model**



**Electricity
retailers**

Project outcomes

- Between 1 and 4 pilot projects ready to implement, underpinned by business models that are desirable, viable and feasible

OR

- Barriers preventing pilots clearly understood and solutions identified + socialised with stakeholders able to implement them (e.g. state govt)

Project hypothesis

That a Solar Garden business model can be created which is:

- Desirable to low income renters
- Feasible for energy retailers
- Viable for all parties (customers, retailer/ project developer, and for local & state governments)

What we're doing

Institute for Sustainable Futures
Project Director

Community Power Agency
Project Manager & Facilitator

Research Streams

Do consumers want it?
What are the motivation(s)

Financial Assessment
Does it stack up?

Legal Advice

Prototype Teams

Undertake planning for a project (everything from site feasibility to how to recruit customers) – end up with statement of intent about whether to take it forward
Four teams = four answers (or more)

Prototype teams



Solution – Solar \$avers (Rates Financing)



Solution – Indigenous Clean Energy




Pingala

Solution – Sun Tenants

Sun Powered Rentals

Income for Owners, Savings for Tenants, Better Environment for All

We empower you
to unlock your sun powered rental potential

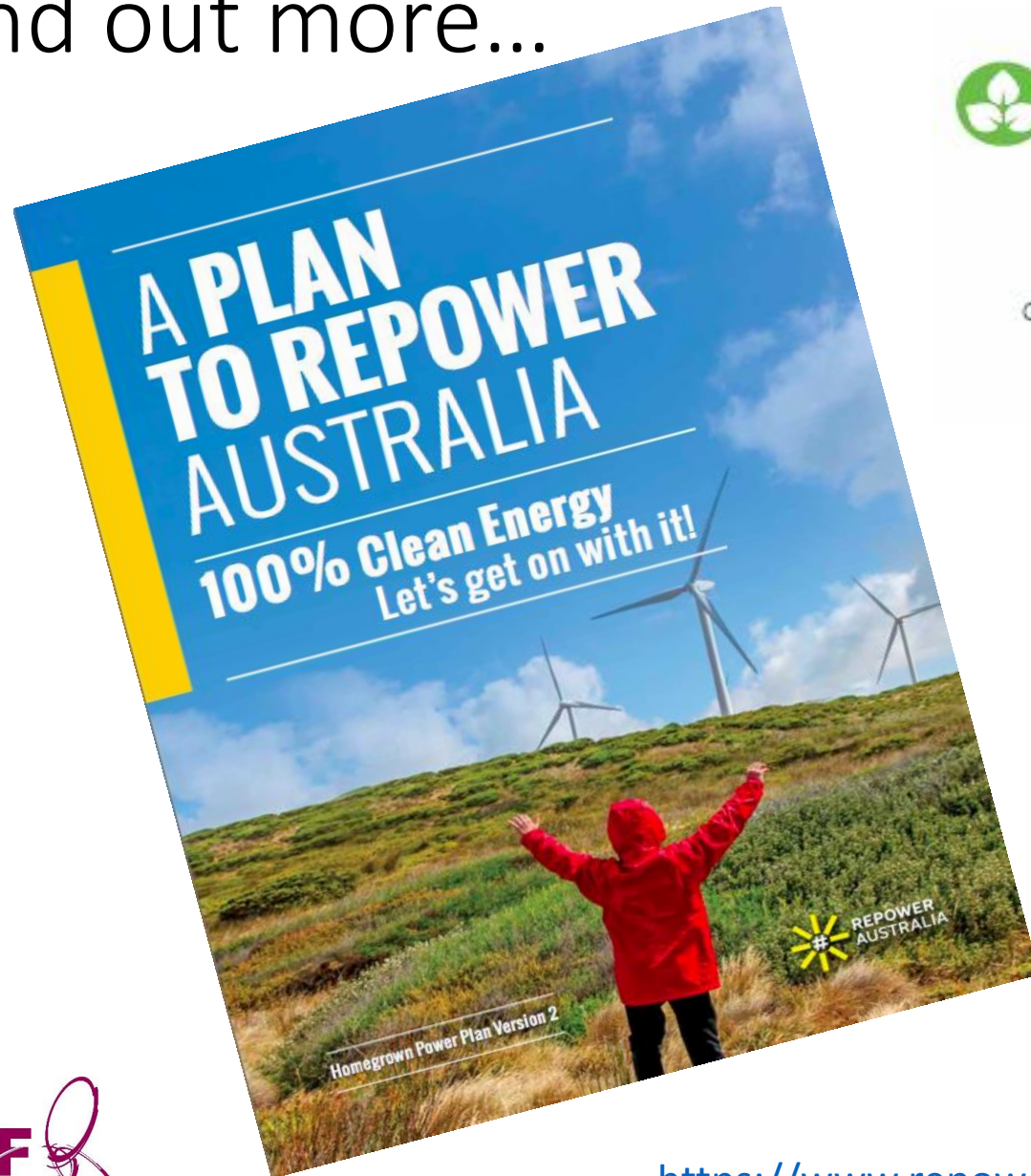
Solution – Smart Energy Communities Program

MEFL + National Network + Grants + Underwriting = Smart Energy Communities Program



Information, Expertise, Coordination, Support

Find out more...



AUSTRALIAN
CONSERVATION
FOUNDATION



350
Australia



SolarCitizens

community power
agency



Nature
Conservation
Council

Clean Energy for All - 30 page outline of the policies that could help deliver and scale-up these solutions