

Energy innovation in low-income housing

National Housing Conference, November 30th 2017

Alex Houlston
Director

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In collaboration with:

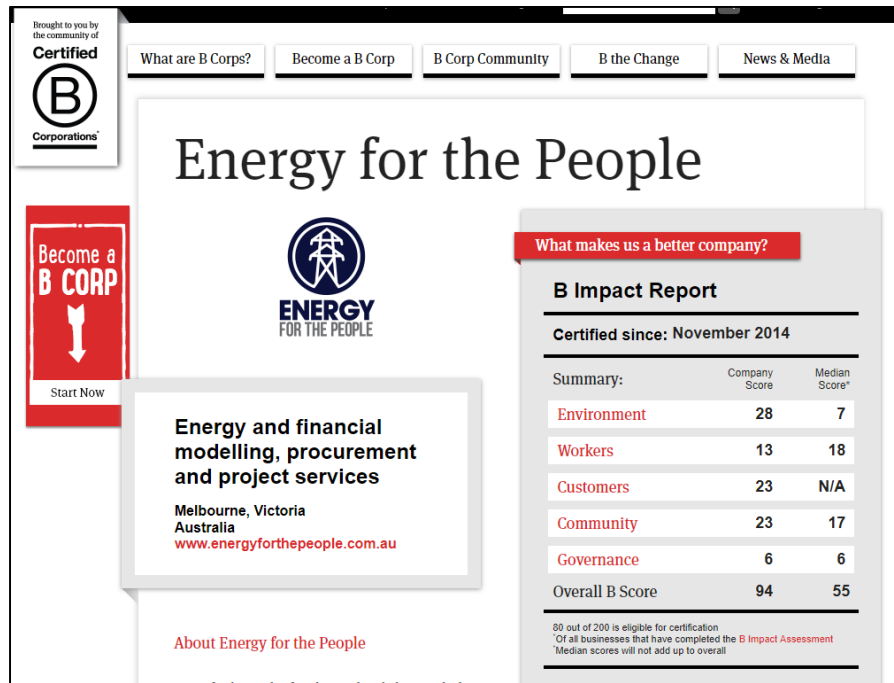


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BANKSIA SMALL TO MEDIUM
BUSINESS SUSTAINABILITY LEADERSHIP AWARD



1. About Energy for the People
2. CHIA (Vic) Partnership
3. Case Study: Community Housing Ltd
4. Keeping in Touch

About Energy for the People



What are B Corps? | Become a B Corp | B Corp Community | B the Change | News & Media

Energy for the People

Energy and financial modelling, procurement and project services
Melbourne, Victoria Australia
www.energyforthepeople.com.au

What makes us a better company?

B Impact Report

Certified since: November 2014

Summary:	Company Score	Median Score*
Environment	28	7
Workers	13	18
Customers	23	N/A
Community	23	17
Governance	6	6
Overall B Score	94	55

90 out of 200 is eligible for certification
*Of all businesses that have completed the B Impact Assessment
*Median scores will not add up to overall

Established in 2012

Certified B Corp (Business with a Social Purpose)

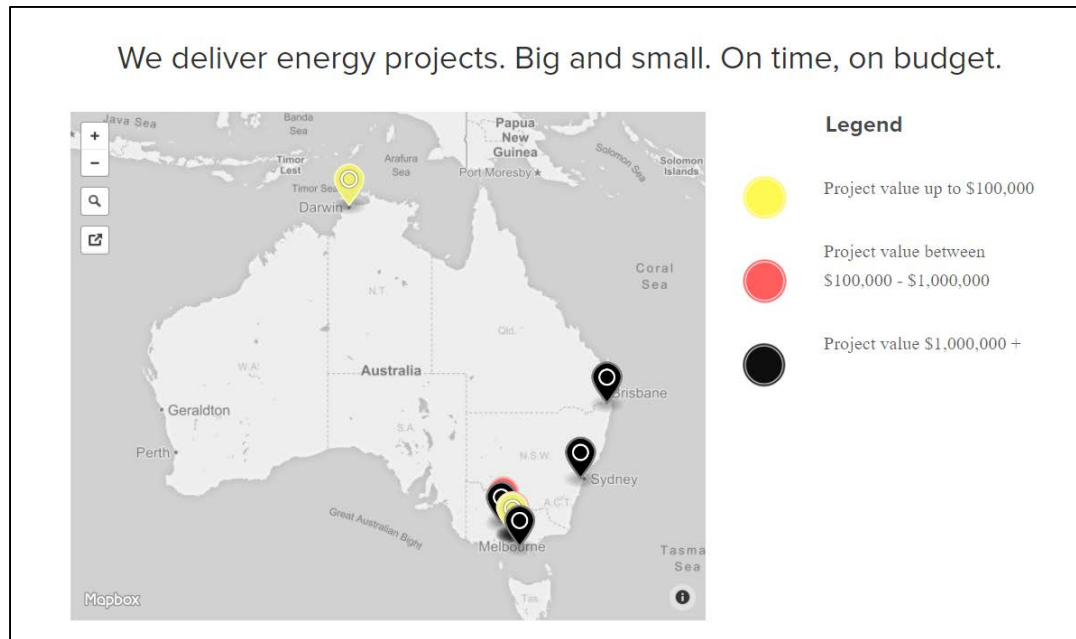
Social Purpose: Addressing youth homelessness through employment partnerships

Sectors:

1. Social Housing
2. Regional Towns
3. New Build



About Energy for the People



Alex Houlston: Director and Co-Founder

- 14 years experience in social housing - major redevelopments and energy projects
- Working with >20 community housing and aged care providers
- Vic State Government: Solar Opportunities Study across 70,000 units & \$13m Energy Performance Contract
- NSW Government: Home Energy Action



CHIA (Vic) Partnership



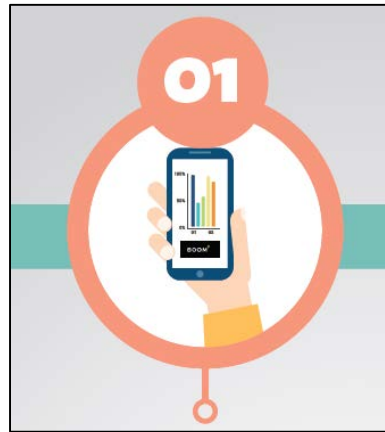
Two Successful Bids to Victorian State Government's "New Energy Jobs Fund"

Business cases for 2,000 units with ~\$1.5m in less than 10-year payback

Development of a Software-as-a-Service Platform for Community Housing (and beyond)

Automated energy assessments, business case development and procurement of solutions

CHIA (Vic) Partnership



1.0 Energy assessments, data and financial analysis

2.0 Customised business case for energy upgrades

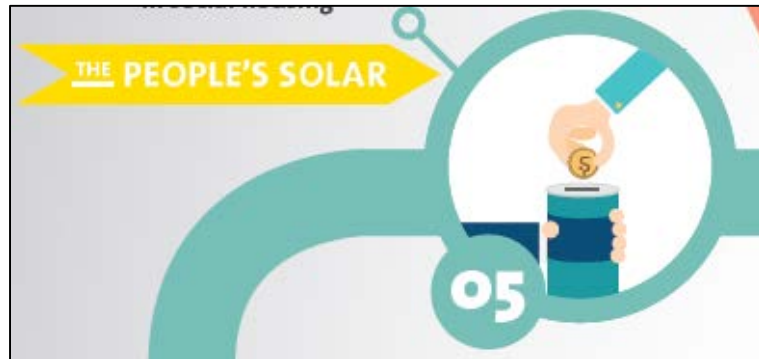
CHIA (Vic) Partnership



03. Real-time, online tenders, from a pre-qualified panel suppliers

04. Suppliers pay standardised referral fees to EFTP, which finances further assistance to community housing providers

CHIA (Vic) Partnership



05. Solar Impact Fund for solar and energy efficiency projects



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CHIA (Vic) Partnership



06. Employment pathways

07. EFTP reinvests profits into social enterprises and entrepreneurs directly addressing youth homelessness

Announcement: Youth off the Streets

Case Study: Community Housing Ltd



Aims:

- Reducing energy poverty for tenants
- Sustainable business models for implementation
- Creating education, training and employment opportunities for tenants

Case Study: Community Housing Ltd



Steps:

- Assessments and business cases
- Recommended commercial models for different building types
- Procurement and implementation of pilot projects across Victoria and NSW



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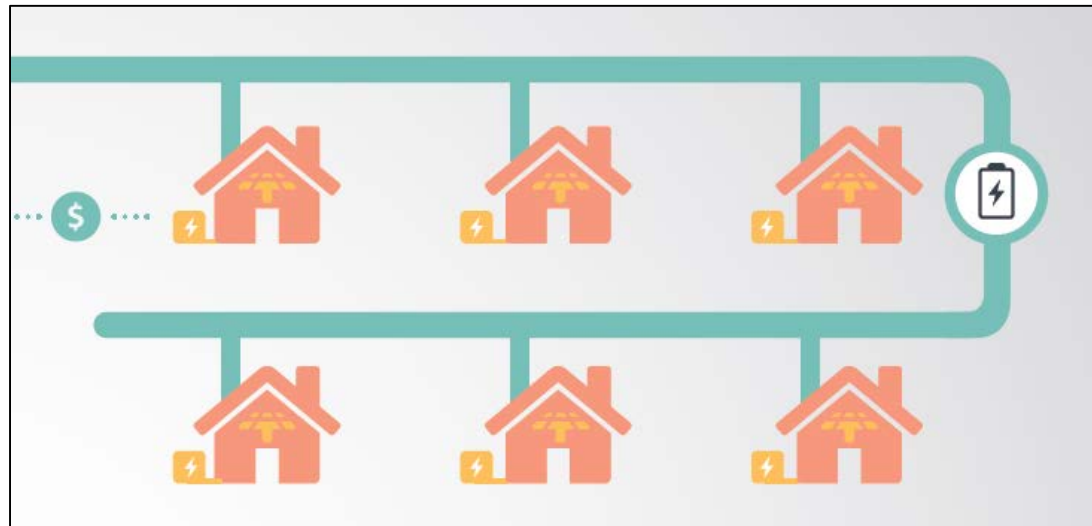
Case Study: Community Housing Ltd



Projects:

- Bega Eco-Neighbourhood
Community Housing Co-op (NSW)
- Solar systems and battery within an embedded network
- LG Chem battery being deployed to extended solar system

Case Study: Community Housing Ltd



Projects:

- Ferntree Gully (VIC) – 66 apartments, 13 townhouses and former school as offices
- Shared 62kW solar system and retrofitting embedded network
- LED lighting across the precinct



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In collaboration with:



Keeping in Touch

- **CHIA:** Software-as-a-Service enabling proactive asset management of energy
- Focusing on standalone properties, and overcoming split-incentive
- Blended finance on, or off-balance-sheet

- **AHI Housing Works:** Energy Survey results in National Housing Conference Special Edition



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