

The Keyline Group

The Multiple Benefits of Energy Efficiency in NSW, Australia

Michael Reid

IEA Workshop

Beyond energy savings: The multiple benefits of energy efficiency



225,000
**LOW INCOME
NSW HOMES**
enjoying benefits



of participants live in
**REGIONAL
NSW** LOCAL
GOVERNMENT AREAS

30,000
HOMES
*where English is a
second language*



DELIVERING BILL SAVINGS OF



36 Million
EACH YEAR

10% NSW HPSP
**LESS POWER
USE EVERY YEAR**
and often more

Community support
Over **200** LOCAL
COMMUNITY
CENTRES
+ **100** CENTRELINK
OFFICES

533 kWh/household
**LESS
POWER
EVERY YEAR**

It all adds up



120,000
MEGAWATT
HOURS PER YEAR

**THOUSANDS
OF HAPPY
CLIENTS**



*"When we leave the
house each morning, the
kids now switch off the TV
and the power point – even
my 3 year old does it".
Rita, Liverpool*

DRIVING DOWN
THE COST OF LIVING

LIVERPOOL

Cut costs and avoid large bills

PROGRAMS SAVING YOU CASH

LIVERPOOL resident Rita Connell has managed to cut about \$420 from her electricity bill per quarter.

Now she's looking to reduce it even further.

"The Home Power Savings Program taught me and my children how to be more efficient with our energy use," Ms Connell said.

While the State Government program has set Ms Connell up with good habits, she feels there's more savings to be had.

"They advised to shop around and get a better deal with the energy companies," she said.

After negotiating with her provider, the single mother became aware of another program and said she has become more thrifty.

"You have to make ends



**Big NSW
Switch™**

meet and will definitely join One Big Switch if it means I can get a better deal," Ms Connell said.

Those who sign up can be offered a discount from a retailer to "switch", but their existing retailer might make a counter offer to avoid losing the business.

"People don't realise you can save just by filling the kettle half way, I owe a lot to my two girls who turn off the appliances at the mains when it's time for bed," she said.

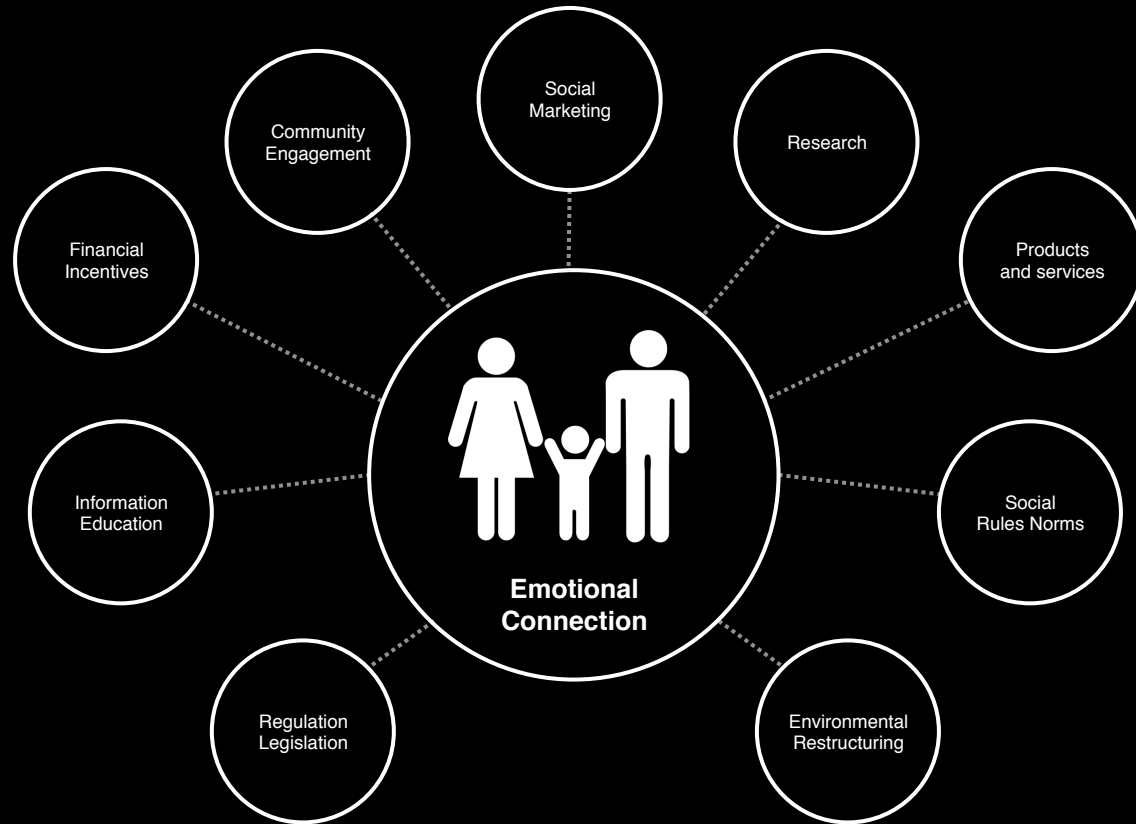
For more details visit bignswswitch.com and environment.nsw.gov.au/homepower.



Rita Connell has found ways to save money on her power bill.

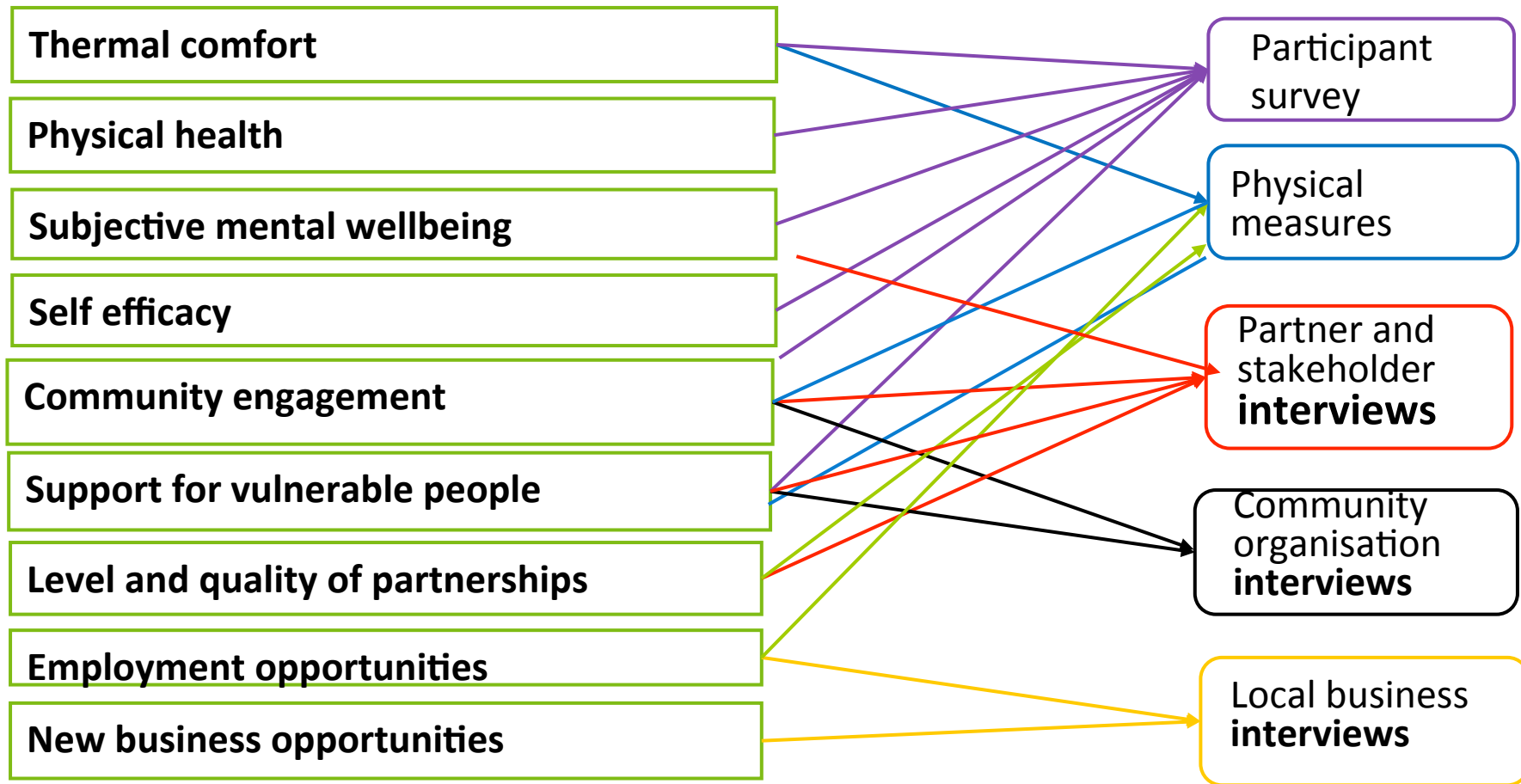
Picture: JOHN FOTIADIS

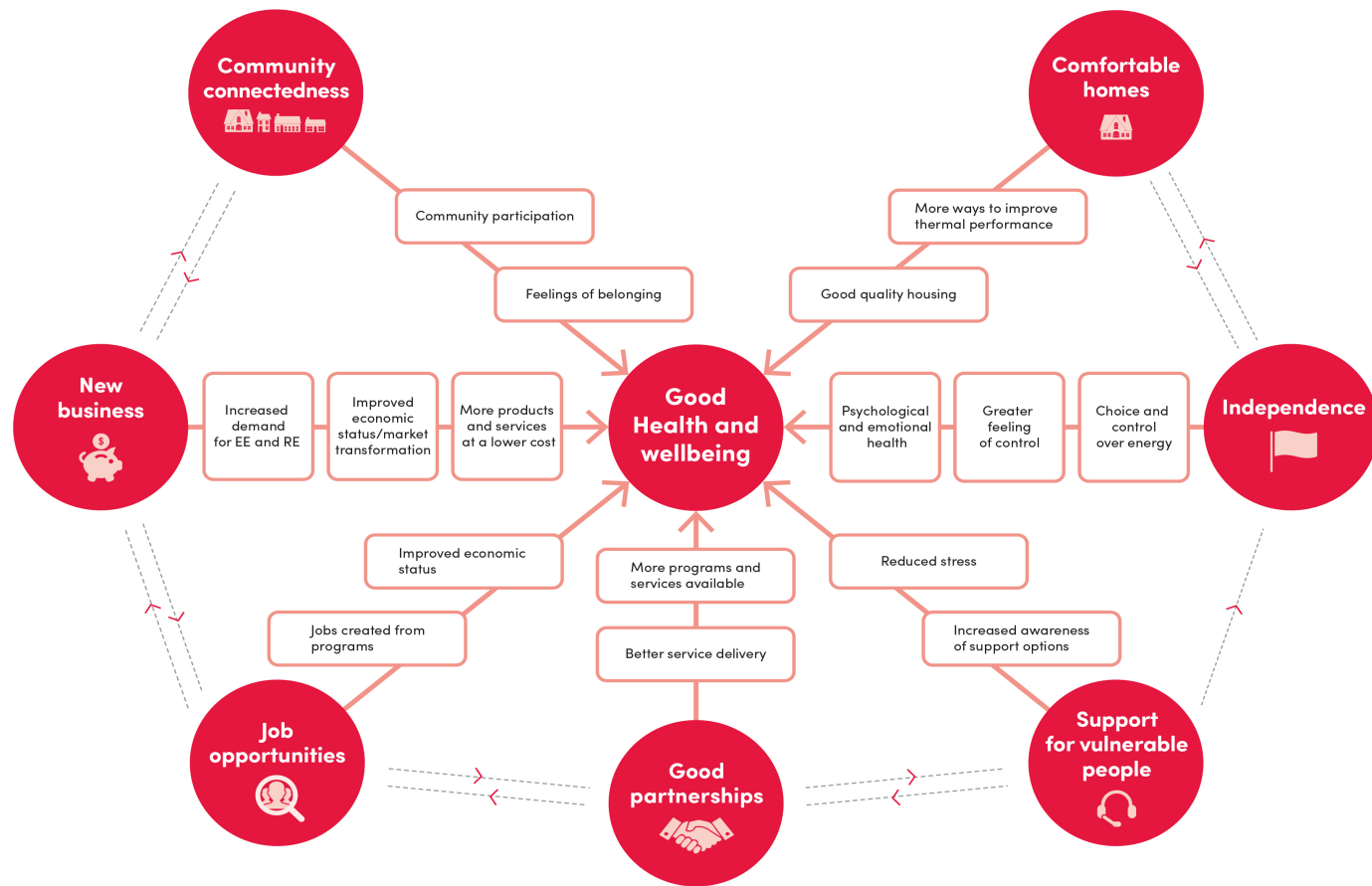
SYSTEMS APPROACH



Indicator Area

Evaluation instrument







Contents lists available at [ScienceDirect](#)

Journal of Environmental Management

journal homepage: www.elsevier.com/locate/jenvman

Research article

Facilitating adaptive management in a government program: A household energy efficiency case study

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“Factors such as proactive and responsive leadership, establishing a research practice interface, and recognizing the skills, expertise, and contributions of multiple stakeholders guided adjustments to the program, and later paved the way for longer-term organizational learning that impacted how other programs are delivered.”

Early lessons were pivotal:

“... for adaptive management to be effective, organizations must make a transition from a more traditional command and control structure to one that is more inclusive, collaborative, risk tolerant, and flexible.”

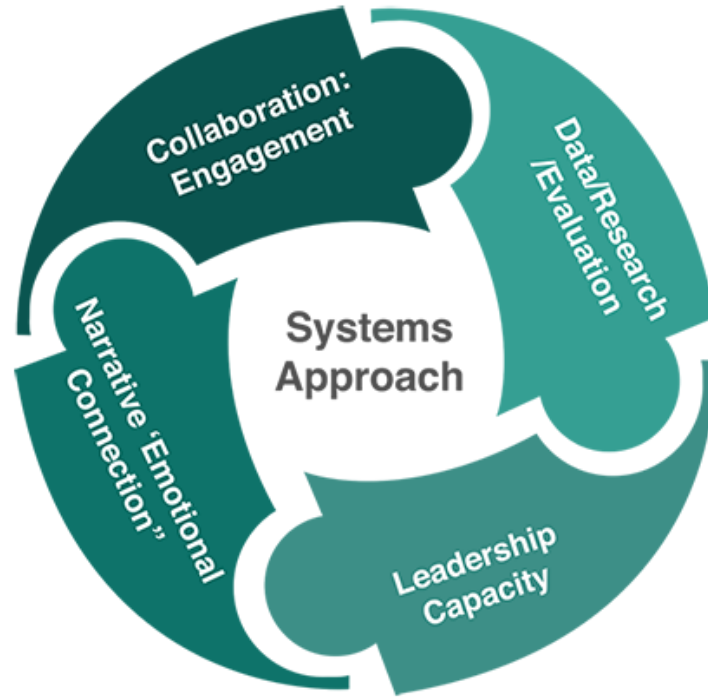


- 1. The work prompted a broader understanding of the system and context in which interventions and were taking place, engaging those involved in a wider story of social and economic development**
- 2. The interdependent nature of program impacts make it difficult to measure any one impact without examining the whole suite of impacts, both positive and negative, and their inter-relationships**
- 3. Implementation was challenging and required new leadership thinking and competencies**
- 4. The operating context, both internal and external, was 'hard wired' to resist collaboration and encouraged working in silos.**
- 5. Little coordination across programs and providers.**
- 6. Focus on what was going to be collected rather than why?**



Based on this experience we have developed a model that looks at four interrelated quadrants that require a high degree of capability in order to make progress:

1. Leadership skills in order to work effectively with entrenched social, economic and environmental challenges;
2. A cohesive narrative creating an emotional connection and shared understanding of purpose;
3. Collaboration: purposeful ways of engaging and working that enable those involved to hold and work from a systems view;
4. Data, research and evaluation to create an evidence base from which to prototype, adaptively manage challenges and to demonstrate progress.







Strengthen the means of implementation and revitalize the global partnership for sustainable development

Target

Multi-stakeholder partnerships

17.16 mobilise and share knowledge, expertise, technology and financial resources ...”

17.16.1

Indicator

Number of countries reporting progress in multi-stakeholder development effectiveness monitoring frameworks that support the achievement of the sustainable development goals





Partnership Effectiveness Continuum

A research-based tool for use in developing, assessing, and
improving partnerships

Cheryl L. King, Ph.D.

EDC Learning
transforms
lives.



Partnership Effectiveness Continuum

Provides an approach for building on the types of partnerships, to identify important common goals of the partnership and then a framework for objectively assessing how effective partnerships have been in achieving those goals over time.



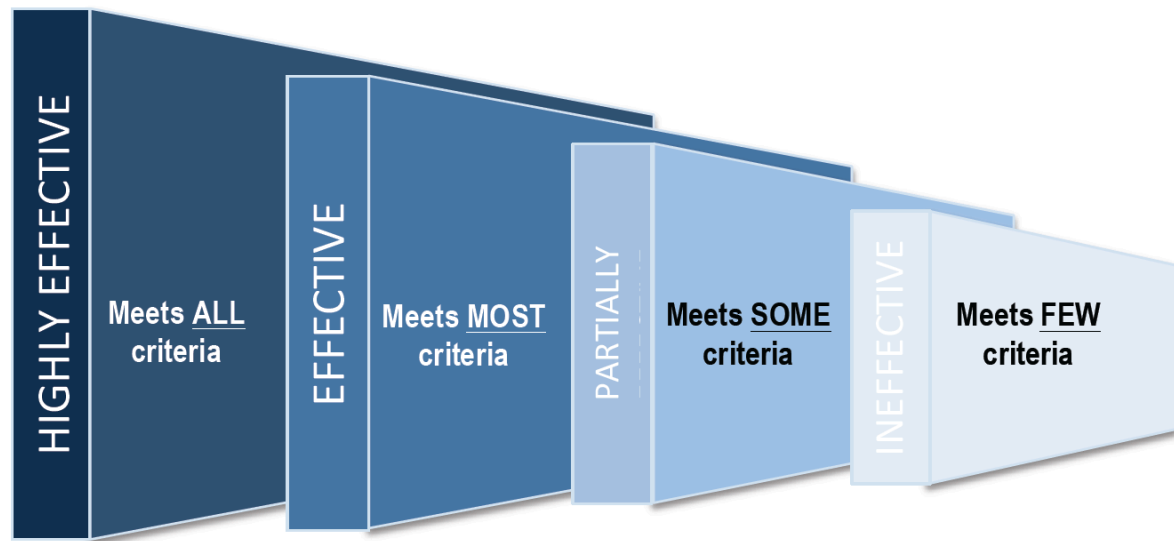


Figure 1: Continuum of Effectiveness



Leave no one behind: Data disaggregation

“Sustainable Development Goal indicators should be disaggregated, where relevant, by income, sex, age, race, ethnicity, migratory status, disability and geographic location, or other characteristics, in accordance with the Fundamental Principles of Official Statistics.”

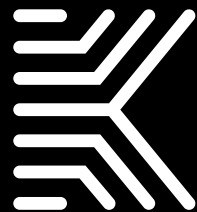
General Assembly resolution 68/261



To maximise the transformative potential:

- strengthening effort in each of the four quadrants, particularly the narrative and knowing ‘why?’ multiple impacts are being measured
- engage widely and seek partners from outside of the ‘usual suspects’. as others have key expertise and information
- actively foster a culture of transparency, trust and collaboration
- Partner authentically with business, government and the community
- Map policy and programs to a system checklist - such as the United Nations Sustainable Development Goals
- Maintain a learning mindset





The Keyline Group

THANK YOU

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