



## Beyond Zero Emissions

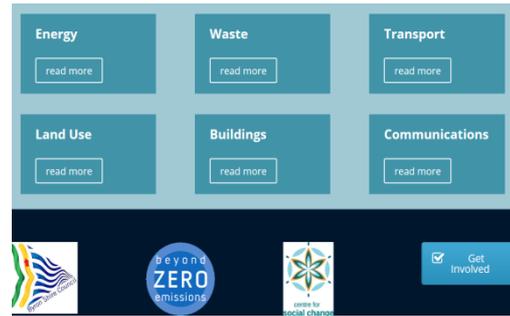
Beyond Zero Emissions (BZE) is a not-for-profit research and communication NGO developing blueprints for the implementation of climate change solutions. BZE's goal is to transform Australia from a 19th century fossil fuel based economy to a 21st century carbon-capturing renewable energy superpower.

### The Zero Carbon Australia project

The Zero Carbon Australia (ZCA) research project is a collaboration with leading Australian universities and comprises fully-costed transition plans for moving Australia to zero emissions in ten years. The ZCA project covers six sectors including: energy, buildings, transport, land use, industrial processes and export industries.

### Zero Carbon Communities

Zero Carbon Communities initiative is implementing the Zero Carbon Australia vision and has arisen in response to the lack of impactful federal level leadership on climate change action.



Despite the challenging policy and investment barriers, cities, towns and local communities in Australia are making genuinely ambitious commitments and taking meaningful action on climate change.

With its independent distributed collaborative research teams and established national community presence Beyond Zero Emissions strikes an effective balance - authoritative while also strongly community-based.

As a result, BZE is receiving an increasing number of requests for technical assistance to support communities to adapt the acclaimed national Zero Carbon Australia vision and plans to their own communities.

### Leading communities

The Zero Emissions Byron project is a partnership between Byron Shire Council and BZE which commenced in March 2015. BZE's role in the project is to provide technical support via five community-led sectoral working groups on **buildings, energy, land use, transport and waste**.



## Zero Carbon Communities

These groups are currently working through **Phase 1** of the project that includes:

- Gathering baseline data
- Setting targets
- Identifying strategic options
- Pinpointing potential barriers
- Developing action plans

In the time since the Byron Shire Council project commenced several other councils including Mitchell Shire Council have also started working with BZE towards similar goals.

### The Zero Carbon Community Blueprint

Through Zero Emissions Byron and other community level projects, BZE is aiming to develop a *Zero Carbon Community Blueprint* and resource toolkit .

The blueprint and toolkit will outline the processes and the required resources that accelerate the uptake of zero carbon targets and projects in communities across Australia.

The blueprint and toolkit will also be a key resource available offline and via an online open source portal. The aims of the blueprint, toolkit and portal combined in this way is to support peer to peer learning between and within communities wishing to set and achieve meaningful and ambitious climate mitigation targets.

In the longer term, BZE will be using increased community-led emissions reduction as a basis to advocate for specific improvements to the policy

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and funding environment at local, state and federal levels.

*“The ZCA and ZCC initiatives demonstrate that governments can and should be far more ambitious in setting a zero long term target: transition plans exist to support this process and local communities are already working hard to achieve them within 10 years.” Dr Stephen Bygrave, CEO, Beyond Zero Emissions.*

### Are you interested in supporting Zero Carbon Communities?

Here is BZE's range of ZCC project proposals:

- Zero Carbon Communities online portal: as above.
- Zero Emissions Byron: 100% Community renewable energy financing model.
- Zero Emissions Byron: "Pipeline" for zero emissions projects across different sectors.

### Contact BZE

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