

Totally Renewable Phillip Island 2022 Annual Report



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Executive Summary

The Totally Renewable Phillip Island (TRPI) origin story is a powerful manifestation of the grassroots call to action of the Phillip Island community, and broader region.

While Phillip Island already had high levels of activity around the environment and sustainability, the origins of TRPI can be traced to 2018 when a community energy public forum was held. The public forum unanimously agreed to form Totally Renewable Phillip Island with a vision to be a carbon neutral community by 2030. A subsequent series of three workshops brought TRPI to life.

In the 2021-22 year TRPI has matured into a reputable and organised network, with a dedicated Core Group overseeing governance and strategy; six working group themes; and comprising 15 Phillip Island member groups. TRPI operates with a Charter, Framework, and set of Principles. A part-time paid co-ordinator role acts as the interface of the movement, and has been supported by the Bass Coast Shire seed funding.

TRPI has an active role in advocacy, partnering and supporting member groups, community engagement, and collaborative co-design projects such as the DELWP-funded 'Neighbourhood Battery Initiative' program. TRPI is also a vibrant example of successful community action, and through outreach has supported numerous other communities in the Shire, region, and State in moving toward a place-based 'renewable town' model and community action. In the 2021-22 year, TRPI engaged with over 2,320 attendees at over 170 events involving 575 engagements with other groups and organisations.

TRPI gratefully acknowledges the seed funding and in-kind support of Bass Coast Shire Council received since establishment in 2018. TRPI commends the Bass Coast Shire Council for the 2019 declaration of a Climate Emergency and the release of the Climate Change Action Plan in 2021 which maps a pathway to net zero emissions by 2030.

TRPI looks back to the powerful grassroots origin of the movement, but also marks our achievements to date, and looks forward to our evolution and the next steps to support our community's vision of carbon neutral by 2030.

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Prepared by Zoe Geyer,
Neroli Raff, Mary Whelan,
and Jeni Jobe

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Section 1

The TRPI Story



The Totally Renewable Phillip Island (TRPI) origin story is a powerful manifestation of the grassroots call to action of the Phillip Island community, and broader region. Now in 2022, TRPI has matured into an experienced and groundbreaking movement that has influenced community on Phillip Island and beyond.

TRPI Origin

A Community Energy public forum was organised in June 2018 by the Energy Innovation Co-operative in partnership with the Phillip Island Community and Learning Centre, Phillip Island Landcare Group, Phillip Island Conservation Society, Boomerang Bags and Plastic-Free Phillip Island and San Remo. The public forum unanimously agreed to form Totally Renewable Phillip Island with a vision to be a carbon neutral community by 2030.

In July 2018, a series of three workshops were held over two days built on the momentum and enthusiasm from the public meeting and to put in place strategies to progress Totally Renewable Phillip Island. The workshop series was well attended and received overwhelmingly positive feedback, with many participants eager to progress to action. The workshops created a framework that identified six focus areas:

- ▶ Carbon accounting
- ▶ Carbon farming
- ▶ Clean energy
- ▶ Education and communication
- ▶ Food and waste
- ▶ Toward zero emissions transport

In addition, a core coordinating group was established with at least one member from each of the working groups. Phillip Island already had high levels of activity around the environment and sustainability. Community enthusiasm was high after hearing from others leading their communities across Victoria such as Taryn Lane from Hepburn Shire Zero-Net Energy Towns and Matt Charles Jones from Totally Renewable Yackandandah. The meeting passed a motion committing to a vision of Phillip Island becoming a carbon neutral community by 2030 through our collective efforts to use clean, efficient energy, reduce pollution and offset emissions / zero emissions, powered by 100% renewables by 2030.

In December 2018 the Bass Coast Shire Council passed a Notice of Motion to support the development of a 'Totally Renewable Towns' model in two areas of Bass Coast Shire, as a new approach to supporting place-based community-energy projects and to contribute to achieving the Council's Emission reduction target. TRPI was supported by Council with initial seed funding of \$50,000 per year for a three year period. The initial seed funding from Council came with a broad set of outcomes described rather than a single objective, and noted that the Totally Renewable Phillip Island (TRPI) project is underway, and that the model developed for Phillip Island will also be offered in a Waterline town where there is strong community commitment and then be available for roll out across Bass Coast Shire.

Phillip Island became the first community in Bass Coast Shire to embrace the challenge of going carbon neutral and 100% renewable.

TRPI Today

Today in 2022, Totally Renewable Phillip Island is now a 'movement' or 'collective' of 15 Phillip Island partner organisations that share a vision of a sustainable future. Each partner organisation retains its independent identity and governance structure, while working towards their own and the TRPI goals as part of their core business.

A partner meeting is convened by TRPI on a two-monthly basis to operate as a brainstorming and information sharing session across the 15 member groups. These meetings assist in pooling collective resources across existing and new projects that support the aims and visions of a carbon neutral and 100% renewable community. These sessions also hear updates on the progress of each member group's independent progress toward sustainable practices.

TRPI operates with a Charter, Framework, and set of Principles. A part-time paid co-ordinator role acts as the interface of the movement, and has been supported by the Bass Coast Shire seed funding. The TRPI core group meets on a monthly basis and represents the 6 focus areas.

TRPI has an active role in advocacy, partnering and supporting member groups, community engagement, and collaborative co-design projects such as the DELWP-funded 'Neighbourhood Battery Initiative' program. TRPI is also a vibrant example of successful community action, and through outreach has supported numerous other communities in the Shire, region, and State in moving toward a place-based renewable town model and community action. TRPI was proud to support and assist the public meeting and foundation of another renewable town model in Tenby Point, Totally Renewable Tenby (TRT) in early 2022.

TRPI Tomorrow

Totally Renewable Phillip Island has matured into a reputable and organised network, with a dedicated Core Group and an increased number of Phillip Island partner organisations. TRPI has engaged a consultant to prepare the 'TRPI Evaluation' which will inform the next steps toward the vision of carbon neutral by 2030.

TRPI has an active role in advocacy, partnering and supporting member groups, community engagement, and collaborative co-design projects (such as the two Neighbourhood Battery Initiative projects, Island Bush Care project). TRPI will seek to build on these partnerships and invest the social licence earned to date back into collaborative projects that benefit the transition to renewable energy and carbon neutral by 2030.

In the next financial year, TRPI will assess:

- ▶ the TRPI Evaluation and 'renewable town model'
- ▶ funding and governance pathways
- ▶ membership and database records
- ▶ new strategic plan: assess strategies and actions against the 2030 goal.

Section 2

Governance & operations

In the 2021-22 year TRPI has matured into a reputable and organised network, with a dedicated Core Group overseeing governance and strategy; six working group themes; and comprising 15 Phillip Island member groups. TRPI operates with a Charter, Framework, and set of Principles. A part-time paid co-ordinator role acts as the interface of the movement, and has been supported by the Bass Coast Shire seed funding. TRPI has maintained strong links with the Energy Innovation Cooperative since origin and maintains regular communications on a monthly basis. The Energy Innovation Co-operative is proud to auspice TRPI.

TRPI has an active role in advocacy, partnering and supporting member groups, community engagement, and collaborative co-design projects. In the 2021-22 year, TRPI engaged with over 2,320 attendees at over 170 events involving 575 engagements with other groups and organisations. On average per month, TRPI was involved in more than 14 events and 48 group engagements. 77% of these engagements were Phillip Island-centric, another 16% in the Waterline / Bass Coast Shire region, and the remaining 7% with a broader geographic location (the Australian Capital Territory, central and northern Gippsland as examples). 29% of the engagements were workshops or meetings, 42% were steering committees or grant-funded projects, and 15% were presentations to other groups, organisations and communities. These figures demonstrate the outreach, influence and network that Totally Renewable Phillip Island operates with as a mature and established 'renewable town' community model.



Strategic Plan

A Strategic Plan (2019-23) outlines tasks and timeframes for the Working Group themes to on the path to achieving the TRPI vision. With the continuing impact and duration of COVID-19, the strategic plan has been reviewed and modified to maintain momentum and funding accountability by providing alternatives to traditional face to face community meetings. A new 5 year Strategic Plan will be revisited in the 2023-24 financial year.

The Core Group and Partners

Totally Renewable Phillip Island is a 'movement' or 'collective' including 15 Phillip Island partner organisations, with a Core Group and 6 working group themes.

The TRPI Core Group is a governance group comprised of working group heads plus co-ordinator and committed longterm members. The Core Group:

Acts as a think tank and leads collaborative forward planning in all areas of the strategic plan

Supports the working groups and their projects

Reports back to funding bodies and the community on activities

The TRPI Partner meetings are for all the partner organisations to come together regularly to share information and initiatives to achieve our shared goals.



Image: diagram of the model of Totally Renewable Phillip Island, with member groups and organisations contributing to the TRPI vision, and TRPI's working group themes.

Refer Appendix 1 for the TRPI Charter, Framework and Principles.

TRPI Evaluation

TRPI gratefully acknowledges the seed funding and in kind support of Bass Coast Shire Council received since establishment in 2018. In December 2018 the Bass Coast Shire Council passed a Notice of Motion to commit to the 'Totally Renewable Towns' project and committed to provide seed funding for three years to support the Totally Renewable Phillip Island (TRPI) project that is underway. This project model will also be offered in a Waterline town where there is strong community commitment and then be available for roll out across Bass Coast Shire.

In 2022 TRPI appointed a consultant to undertake a high level evaluation of the community initiative Totally Renewable Phillip Island and associated model for action. The purpose of the Evaluation and final report is for continuous improvement of TRPI and to inform establishment of Renewable Towns in other regions. The scope of the 'TRPI Evaluation' includes:

- ▶ Evaluate the level of achievement against Bass Coast Shire Council, Notice of Motion and seed funding requirements
- ▶ Review established and documented governance approach of TRPI to support the transition pathway, including participation from key partner organisations. Suggest undertaking interviews with key partners.
- ▶ Assess the governance and current auspicing arrangements with partners
- ▶ Review community engagement approaches employed by TRPI and evaluate the effectiveness as outlined in the annual reports.
- ▶ Highlight any positive grant funding or additional funding that TRPI has leverage of the seed funding. Assessment of value add as a result of TRPI.

The 'TRPI Evaluation' is currently underway and TRPI looks forward to receiving the outcomes and recommendations of the report in the near future.

Waterline communities and the 'Totally Renewable Towns' model

In December 2018 the Bass Coast Shire Council passed a Notice of Motion to commit to the 'Totally Renewable Towns' project and committed to provide seed funding for three years to support the Totally Renewable Phillip Island (TRPI) project that is underway. This project model will also be offered in a Waterline town where there is strong community commitment and then be available for roll out across Bass Coast Shire.

Totally Renewable Phillip Island has been active in engaging with the Phillip Island community, as well as communities beyond the Island - in particular in the Waterline district of the Bass Coast. The Sustainability Festival "Reimagined" saw direct engagements with Corinella and Coronet Bay communities in December 2021 with electric vehicle displays in a 'coffee chat' forum in those locations. These forums were well received and led to ongoing connections with Coronet Bay, Corinella, and Tenby Point. Additional conversations were held with Kilcunda and Grantville. A public meeting was held in Tenby Point on 23rd April 2022 with support from TRPI and the Bass Coast Shire, organised by the Totally Renewable Tenby working group of the Tenby Point Residents Association. Subsequently, Totally Renewable Tenby (TRT) was born. TRPI continues to offer support to Totally Renewable Tenby.

Co-ordinator role

In 2021-22 the role of the TRPI Co-ordinator has become more defined and encompasses the following key elements:

- ▶ Partnering and supporting projects
- ▶ Managing Community Engagement
- ▶ Supporting communities and their aspirations
- ▶ Major events and forums
- ▶ Point of contact

The Co-ordinator is part of the TRPI Core Group and also performs an administrative role in recording meeting minutes, organising and hosting meetings, liaising and supporting the volunteer heads of the TRPI working groups, and liaising with other networks including the TRPI member groups and organisations.

The Co-ordinator role is a strength of the Totally Renewable Phillip Island 'renewable town' model, providing a point of contact, spokesperson, project officer, as well as being a central point of information collection and storage for the TRPI movement, member groups and other communities.

Partnering and supporting projects

Totally Renewable Phillip Island is a respected voice of the community, earned through years of outreach, community engagement, education and networking. One of the most evident strengths of the TRPI movement is the weight of social licence that TRPI brings to projects, initiatives and proposals. Through the Co-ordinator role and the Core Group, innovative and sometimes challenging initiatives can be broached with the community in a safe, informed and respectful context. Education programs and outreach have been part of the TRPI process since our origins at a community energy public forum in 2018.

In the 2021-22 year, TRPI has partnered with and supported many initiatives and projects on Phillip Island and beyond. These include:

- ▶ supporting the Phillip Island Community Energy Storage System (PICESSE) project - a 10MWh AusNet and Mondo battery forming the foundation of a future energy ecosystem of locally generated electricity and supporting the 100% renewable energy target and zero-carbon plans for both the Bass Coast Shire and the community
- ▶ Letters of support
- ▶ Attending member group events and forums
- ▶ Attending Council-led and partner stakeholder sessions

Managing Community Engagement

Totally Renewable Phillip Island provides a key role in co-design projects through managing community engagement and generating social licence for innovative projects, initiatives and proposals that align with the TRPI vision. TRPI has been a key participant in several co-design projects during the 2021-22 year, including:

- ▶ 'Phillip Island Neighbourhood Batteries on the Low Voltage Network: Neighbourhood Battery Feasibility Study'. Partnered with Mondo, the Energy Innovation Co-operative, and supported by the Bass Coast Shire Council. Funded by the Victorian Government under the Department of Land, Water and Planning (DELWP)
- ▶ Neighbourhood Battery Initiative 'Tariff Trial' - a 12 month tariff trial involving 100 households on Phillip Island exploring 'clean energy' access and sharing across the community. Partnered with Mondo, the Energy Innovation Co-operative, and supported by the Bass Coast Shire Council. Funded by the Victorian Government under the Department of Land, Water and Planning (DELWP)
- ▶ 'Island Bush Care' - a voluntary emissions reduction program in partnership with the Phillip Island Landcare Group.

Supporting communities and their aspirations

Totally Renewable Phillip Island has been active in engaging with the Phillip Island community, as well as communities beyond the Island - in particular in the Waterline district of the Bass Coast. In communities seeking to take steps toward a more sustainable future, TRPI has been well received as an established and mature community-based group. TRPI has had ongoing connections with Coronet Bay, Corinella, and Tenby Point, as well as additional conversations with Kilcunda and Grantville. Further afield, TRPI has ongoing associations with Heyfield, Yackandandah, Mallacoota, and Venus Bay.

TRPI has a unique offering in supporting communities and their aspirations, through key activities such as:

- ▶ Outreach
- ▶ Providing a link between government (local, state, federal) aims and community aspirations
- ▶ Taking the conversation to the community through education, public forums and engagements.

Major events and forums

Totally Renewable Phillip Island has a broad network and expertise across a wide range of themes related to climate change, sustainable communities, circular economy and waste, regenerative carbon farming, clean energy, clean transport and more. As a trusted community-based group with social licence, TRPI has been invited to participate in many major events, forums and workshops, including:

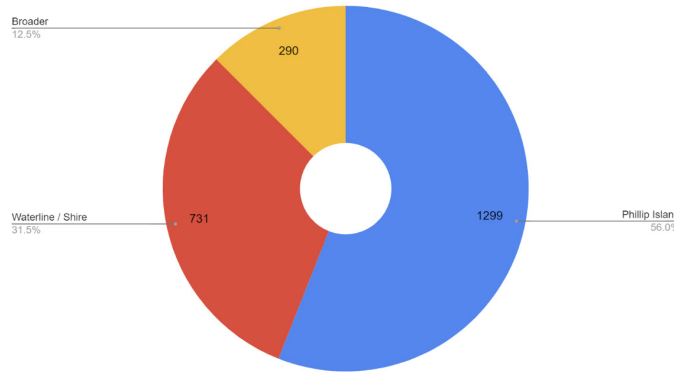
- ▶ Sustainability Festival “Reimagined” 2021
- ▶ Environmental Sustainability in Small Business
- ▶ Circular Economy on Farms
- ▶ Connecting Community for Social Resilience in Changing Times - Future Homes program
- ▶ Island Arks Symposium VII
- ▶ Island Whale Festival.

In 2021-22 year, TRPI engaged with over 2,320 attendees at over 170 events involving 575 engagements with other groups and organisations.

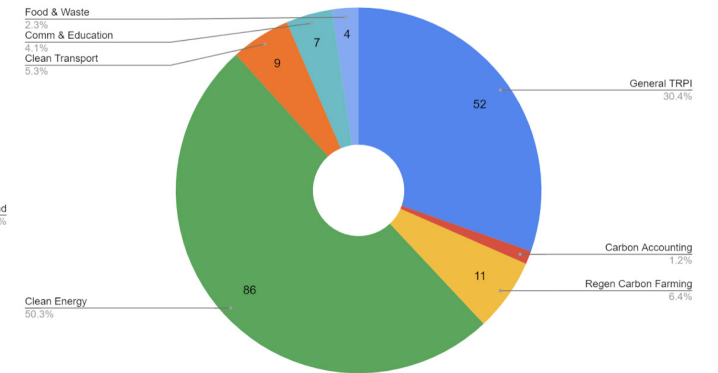
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Refer Appendix 3 for a comprehensive list of TRPI events and engagements.

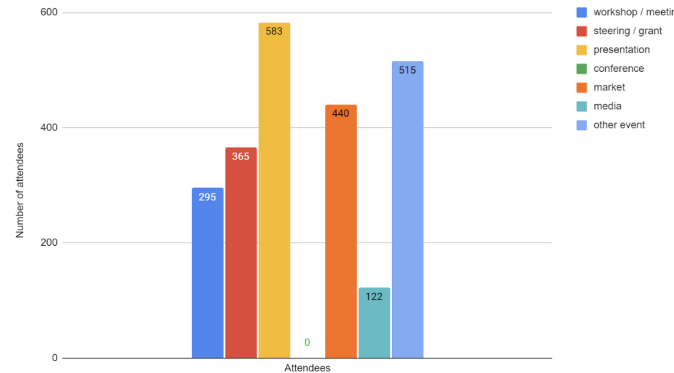
Attendees by event region 2021/2022



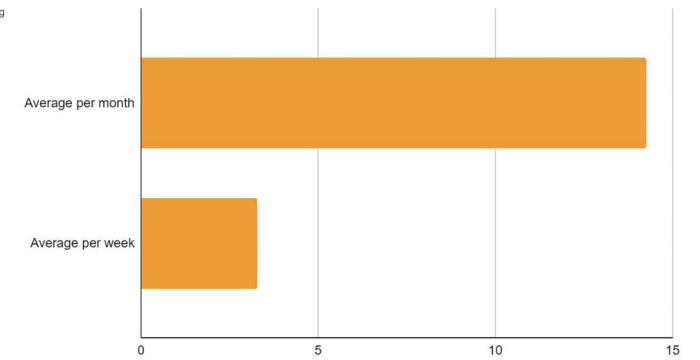
Number of events by TRPI event theme 2021/2022



Attendees by engagement type 2021/2022



TRPI event frequency 2021/2022



Point of contact

The Co-ordinator role is a strength of the Totally Renewable Phillip Island 'renewable town' model, providing a point of contact, spokesperson, project officer, as well as being a central point of information collection and storage for the TRPI movement, member groups and other communities. As a point of contact, the TRPI Co-ordinator role encompasses:

- ▶ Media spokesperson
- ▶ Advocacy
- ▶ Newspapers
- ▶ Radio
- ▶ TV and film
- ▶ Enquiries at all level of Government
- ▶ Quarterly newsletters
- ▶ Representation at events and forums.

Finances

The Totally Renewable Phillip Island 2021-22 budget was developed by the working groups planning their achievable activities within the year and approximate cost. Those budget bids were prioritised by the Totally Renewable Phillip Island group based on expected outcomes and reach (expected impact) to fit the available funding.

2021-22 was the final year of the Bass Coast Shire Council's 3 years of funding, so a lot of thought was also given to potential funding sources for the group to continue.

Refer to Appendix 2 for the full Financial Report.

Section 3 Focus Areas & Working Groups

Below are summaries of Reports from Working Groups. Full Reports are available in Appendix 4 Working Group Full Reports.

The Core Group

- ▶ Acts as a think tank and leads collaborative forward planning in all areas of the strategic plan
- ▶ Supports the working groups and their projects
- ▶ Reports back to funding bodies and the community on activities.

The aims of the core group this financial year:

- ▶ When COVID safe, strengthen relationships with other communities in Bass Coast Shire and beyond to build sustainability networks across community and businesses for sharing resources and information
- ▶ Continue and develop further contact with Waterline Communities, including sharing of the TRPI Model to assist communities in promoting their own activities with TRPI's startup support.

Clean Energy

The Clean Energy group has been very active with projects focusing on Battery Action on Phillip Island, Solar Farm feasibility, Electric Vehicle chargers and community events supported by the Renewable Energy Education Trailer. TRPI has worked in partnership with Energy Innovation Co-operative and Mondo on two projects funded by the Victorian Government's Department of Environment, Land Water and Planning's Neighbourhood Battery Initiative.

The Tariff Trial project uses a virtual part of the Big Battery and 100 households from across Phillip Island to investigate if and how a community battery might be used to share locally produced renewable energy. The study will store and sell the energy so residents can make better use of renewable energy at night and at other times, such as on cloudy days. The Trial will run from April 2023 until April 2024.

The aims of the Clean Energy working group:

- ▶ Work towards strategies to switch energy use on Phillip Island to a range of renewable generation methods
- ▶ Bringing together all partner organisations to work towards switching energy use on Phillip Island to a range of renewable generation methods.

Clean Green Transport

Three key areas explored were Electric Vehicles, Active Transport, and Public Transport. There were achievements in all areas, strong links made with other local community groups and Council, and the development of online resources for access via the TRPI YouTube channel.

The aims of the Clean Green Transport working group:

- ▶ Supports increased opportunities for Active Transport on Phillip Island
- ▶ Educates the community on alternative forms of transport
- ▶ Support the transition to Electric Vehicles.

Regenerative Carbon Farming

TRPI will move more into re-vegetation via the Island Bush Care program in partnership with Phillip Island Landcare Group. Conclusion from the 5 trial paddock soil carbon tests is that soil carbon is slow to increase and probably needs longer than a 2 year cycle. Bimbadeen farm continues to explore soil carbon capture and trading options.

The aims of the Regenerative Carbon Farming working group:

- ▶ Work with Council and Phillip Island Landcare Group (PILG) to use regenerative farming and re plant the wetland on Gap Road. Two plantings done early in the 2022-23 financial year. Will continue to support this into the future
- ▶ Work more with Bass Coast Landcare Network to encourage farmer uptake of available education opportunities can do now - promote Bass Coast Landcare Network (BCLN) web links, use Farmers for Climate Change via our own social media communications
- ▶ Work closely with Phillip Island Landcare Group & Bass Coast Shire Council to encourage and increase revegetation. Totally Renewable Phillip Island can help Phillip Island Landcare Group to reach more people to increase our effect on the environment. Engaged with Phillip Island Landcare Group about working together on revegetation projects
- ▶ Work towards achieving the target of 30% of Phillip Island returned to native vegetation noted in the Bass Coast Shire Council's Visitor Economy Strategy 2035.

Food and Waste

The Food and Waste working group was involved in the Bass Coast Food Collective project steering committee looking at local food networks; hosted information sharing sessions on 'Biogas' and 'Waste'; and was engaged in partner group preliminary plans for reducing waste, emissions, and co-generation biogas projects on the Island. The Food and Waste group was supported by the TRPI co-ordinator pending recruitment of a new head of group.

The aims of the Food and Waste working group:

- ▶ Works towards avoiding and reducing the use of plastics
- ▶ Develops and implements strategies to reduce use and increase the reuse and recycling of a range of consumable items such as food, packaging and clothing
- ▶ Promotes and supports local food networks to reduce food miles and support local food production across all scales
- ▶ Work towards a larger local food supply and market availability.

Communication and Education

The aims of the Communication and Education working group:

- ▶ Builds community knowledge of sustainability practices
- ▶ Develops and delivers information at local events
- ▶ Maximises use of social media and internet platforms to find and distribute information.

Carbon Accounting

The Carbon Accounting working group has focused on outreach and communication of the whole of Shire emissions data as an awareness and education tool to the broader community, and an example of Council leadership to other regions. Other energy auditing tools (e.g. 'One Small Step') have been promoted and trialled.

The aims of the Carbon Accounting working group:

- ▶ Utilise the Council's whole island total emissions profile to be able to monitor our progress towards our Carbon Neutral by 2030 vision
- ▶ Collaborate with the working groups and partners to encourage households and businesses to have emissions audits
- ▶ Bring regular awareness of carbon emissions, reductions, and effects, to the community to promote a sense of achievement through positive action.

Section 4 Partner organisations

Totally Renewable Phillip Island is a 'movement' or 'collective' including 15 Phillip Island partner organisations. TRPI hosts 2-monthly Partner meetings with the 15 groups and guests. The TRPI Partner meetings are for all the member groups to come together regularly to share information and initiatives to achieve our shared goals.

Energy Innovation Co-operative

The Energy Innovation Co-operative has been operating since 2009 with a mission of 'working together towards a zero emissions community'. A Community Energy public forum was organised in June 2018 by the Energy Innovation Co-operative in partnership with the following community groups and organisations:

- ▶ Phillip Island Community and Learning Centre
- ▶ Phillip Island Landcare Group
- ▶ Phillip Island Conservation Society
- ▶ Boomerang Bags
- ▶ Plastic-Free Phillip Island and San Remo.

The public forum unanimously agreed to form Totally Renewable Phillip Island with a vision to be a carbon neutral community by 2030. The Energy Innovation Co-operative is proud to auspice TRPI.

The Energy Innovation Co-operative partner with TRPI in delivery of the two Neighbourhood Battery Initiative projects funded by the Victorian State's Department of Environment, Land, Water and Planning (DELWP). The Energy Innovation Co-operative are also instrumental in other projects including:

- ▶ The Southern C.O.R.E revolving Fund that provides no interest loans to community organisations and invests returns in further projects
- ▶ Cosy Homes, providing affordable energy efficiency support for community members that need it most
- ▶ Gippsland Community Power Hub delivering renewable energy projects across Gippsland and sharing stories of progress
- ▶ Resilient communities, demonstrating the role of community power for end of line communities that have already faced extreme climate impacts, e.g. Mallacoota Sustainability Energy Group, that the Co-op also auspices

- ▶ Electrical vehicle charging points & transport solutions.
"TRPI has garnered significant interest and support for our region's transition through engaging events, generous sharing of approaches for whole of community change and innovative evidence-based projects. The Energy Innovation Co-op is proud to work alongside TRPI with common purpose."
- EICo Board member

Westernport Water

Westernport Water is a regional water corporation whose core functions are to provide drinking water, recycled water and wastewater services to properties and communities throughout its district. It is responsible for servicing 21,916 customers from 27 townships across an area covering 300 square kilometres, encompassing Millowl (Phillip Island) and mainland communities from The Gurdies to Archies Creek.

Westernport Water has partnered with Totally Renewable Phillip Island for the Sustainability Festival "Reimagined" in 2021, the 'Regenerating Australia' Film Screening and Community Social event in 2022, and is a regular participant in the TRPI Partner meetings.

TRPI has celebrated the positive actions Westernport Water is undertaking including the installation of the newly constructed 99.8kW solar array at the Westernport Water Cowes Wastewater Treatment Plant, as well as WPW's Emission Reduction Pathway and Net Zero Road Map. WPW has future projects that include:

- ▶ Recycled Water Wetland Storage
- ▶ Renewable Energy Generation
- ▶ Treatment Plant Energy Efficiency Project
- ▶ Sustainable Reuse and Afforestation
- ▶ Bio-Gas Waste to Energy.

Phillip Island Nature Parks

Phillip Island Nature Parks is a unique conservation organisation that operates complementary ecotourism experiences on Phillip Island. Revenue raised through the attractions is invested in vital research, environment and education programs. As part of the UNESCO Western Port Biosphere Reserve, the Nature Parks comprises over 1,805 hectares of Crown Land encompassing wildlife sanctuaries, wetlands, woodlands and coastlines that are managed by their renowned environmental and research programs. Nature Parks' purpose is 'to protect nature for wildlife and inspire people to act'.

Nature Parks has partnered with Totally Renewable Phillip Island for the 'Regenerating Australia' Film Screening and Community Social event held at the Nature Park's award-winning venue and theatre at the Penguin Parade in 2022, and is a regular participant in the TRPI Partner meetings.

Nature Parks is committed to the conservation of the natural environment and the cultural history of Phillip Island, undertaken alongside the Conservation Plan, Future Directions Summary and Reconciliation Action Plan.

Bass Coast Shire Council

In 2019 Bass Coast Shire Council declared a climate emergency, recognising that climate change is a serious risk to the safety and prosperity of Bass Coast. This declaration calls for immediate and urgent action to be taken to reduce emissions and build a resilient Bass Coast community. Bass Coast Shire Council has set a goal to achieve net zero emissions for its own operations, and across the community. A pathway to achieve these net zero emissions targets is outlined in the Climate Change Action Plan, adopted by Council in 2021.

TRPI gratefully acknowledges the seed funding and in kind support of Bass Coast Shire Council, received since establishment in 2018. The Bass Coast Shire Council partners with TRPI through a seat in the Core Group, support for the successful Victorian State funding of the two Neighbourhood Battery Initiative (NBI) projects, as well as providing support for additional community events, presentations, and actions.

The Bass Coast Shire Council's corporate greenhouse gas emissions are reported as down almost 10% or 11,919 tonnes in FY2021-22, falling for the second year in a row. This is attributable to Council's participation in the Victorian Energy Collaboration (VECO), a partnership between 51 Victorian councils that provides them with 100% clean energy from wind farms in central and western Victoria.

In the last 12 months, Bass Coast Shire Council has:

- Provided financial support to community solar and battery projects, through the new \$40,000 annual climate action category in Council's community grants program.
- Partnered with Bass Coast Landcare Network to plant over 315,000 plants under the Biolinks program, that will store almost 60,000 tonnes of carbon over 25-years.
- Secured state government grant funding to deliver electric vehicle charging stations, including 50kW fast-chargers for public use, and 22kW chargers to underpin the electrification of Council's light vehicle fleet.

Smiths Beachcomber Association

The Smiths Beachcomber Association was established over thirty years ago by the residents of Smiths Beachcombers estates. In 2021-22 the Smiths Beach Town Plan was adopted by Council. Totally Renewable Phillip Island was involved in the stakeholder consultation for the Smiths Beach Town Plan.

National Vietnam Veterans Museum

The National Vietnam Veterans Museum is an independent Australian museum dedicated to the heritage and legacy of Vietnam veterans. The museum was re-opened in its new home in Newhaven, Phillip Island in 2007. NVVM has been a generous partner to TRPI, including providing a boardroom for meetings, as well as active participation in the TRPI working groups and Partner meetings. In 2021-22 NVVM alongside TRPI presented the 'National Vietnam Veterans Museum: A Solar Energy Case Study' case analysis analysing power usage, solar array capacity and battery storage systems.

NVVM has partnered with Totally Renewable Phillip Island for the Sustainability Festival "Reimagined" in 2021, the 'Regenerating Australia' Film Screening and Community Social event in 2022 and is a regular participant in the TRPI Partner meetings.

Newhaven College

Newhaven College is an independent, ecumenical and co-educational school catering for over 900 students from Prep to Year 12 on Phillip Island. Newhaven College seeks to equip students with future world skills and knowledge, and provides a living example of how to integrate sustainability in all aspects of practice with an active 'Green Team' of students. Newhaven College have participated in the Bass Coast DAL and Earthwatch Kids Teach Kids Program and will continue their participation into 2023, with a focus on their Climate Watch Trial.

Newhaven College became a member of the Totally Renewable Phillip Island movement in 2021 and has partnered with TRPI for the Sustainability Festival "Reimagined" in 2021, has promoted student engagement with the 'Regenerating Australia' Film Screening and Community Social event in 2022 and is a welcome participant in the TRPI Partner meetings.

Phillip Island Conservation Society

The Phillip Island Conservation Society (PICS) is a non-profit community organisation that works collaboratively to promote environmental protection and conservation of natural resources on Phillip Island since 1968. PICS has been supportive and foundational to the Totally Renewable Phillip Island movement.

PICS has partnered with Totally Renewable Phillip Island for the Sustainability Festival "Reimagined" in 2021, the 'Regenerating Australia' Film Screening and Community Social event in 2022 and is a regular participant in the TRPI Partner meetings.

"TRPI provides a positive model in our community of the power of collaboration and the generous sharing of knowledge and expertise."

- PICS Committee member

Phillip Island Landcare Group

The Phillip Island Landcare Group seeks to foster a healthy informed community working together to sustain a resilient, productive and biodiverse landscape on Phillip Island and beyond.

The Phillip Island Landcare Group has partnered with Totally Renewable Phillip Island for the Sustainability Festival "Reimagined" in 2021, the 'Regenerating Australia' Film Screening and Community Social event in 2022 and receives regular reports from TRPI at its committee meetings. TRPI and the Phillip Island Landcare Group have partnered on the 'Island Bush Care' emissions reduction program that will be launched in the near future.

Plastic Free Phillip Island & San Remo

Plastic-Free Phillip Island and San Remo are a community driven initiative to reduce disposable plastics in Phillip Island and San Remo. A Community Energy public forum was organised in June 2018 by the Energy Innovation Co-operative in partnership with Plastic-Free Phillip Island and San Remo and other groups cited.

Artists Society of Phillip Island Region

The Artists Society of Phillip Island Region's mission is to provide artistic programs that educate, inform and inspire. The Artists Society of Phillip Island became a member of the Totally Renewable Phillip Island movement in 2021 and is a regular participant in the TRPI Partner meetings.

Jeni Jobe Design

Jeni Jobe is a creative artist working across ceramics, visual art and graphic design. Jeni is a long term member of the TRPI Core Group and heads the TRPI Education and Communication working group. Jeni provides leadership and guidance on TRPI's visual identity and supports the messaging of TRPI to the community via social media, website and printed material for events, markets, and community outreach campaigns.

"TRPI relevance resides in its network of connections between all the partner groups and local population. TRPI's brand is respected and brings a community perspective that is valuable for its member groups projects. That is the power of Totally Renewable Phillip Island"

- Jeni Jobe local resident and business owner

Phillip Island Community & Learning Centre

Phillip Island Community and Learning Centre (PICAL) is a not-for-profit Neighbourhood House and Learn Local organisation providing a wide range of community services and learning opportunities to support the needs of our community. A Community Energy public forum was organised in June 2018 by the Energy Innovation Co-operative in partnership with the Phillip Island Community and Learning Centre and other groups cited.

“PICAL’s main contribution to environmental sustainability is promoting food-security and waste-management (diverting many different forms of waste away from landfill).”

- PICAL Manager

Bimbadeen

Bimbadeen is a 340 acre family run farming property on Phillip Island that is renowned for its innovative environmental practices winning awards at both State and National levels. Since the 1980’s Bimbadeen has planted over 40,000 trees and ground-cover, protected remnant vegetation, created a wildlife corridor, fenced waterways and dams and addressed salinity issues. Bimbadeen is a leader in carbon farming innovations and contributes to the TRPI Carbon Farming working group. In 2019 Bimbadeen donated soil carbon to an auction for funding carbon farming investigations with TRPI.

Bimbadeen has partnered with Totally Renewable Phillip Island for the Sustainability Festival “Reimagined” in 2021 and is a regular participant in the TRPI Core Group and Partner meetings.

Boomerang Bags Phillip Island & San Remo

Boomerang Bags is a global, grassroots movement, connecting and empowering local communities to tackle plastic pollution at its source. Boomerang Bags is about connecting communities, making bags, diverting waste, starting conversations, fostering sustainable behaviour and having a bit of fun. Boomerang Bags Phillip Island and San Remo is a vibrant, dedicated and active Boomerang Bags community supporting local businesses, community organisations and charities, to getting involved in local environmental activities.

A Community Energy public forum was organised in June 2018 by the Energy Innovation Co-operative in partnership with Boomerang Bags and other groups cited.

- Appendix 1
TRPI Charter, Principles and Framework
- Appendix 2
Financial Report
- Appendix 3
TRPI events and engagements summary 21/22
- Appendix 4
Working Group Full Reports
- Appendix 5
Sustainability Festival “Reimagined” 2021 report
- Appendix 6
‘Regenerating Australia’ film screening
and Community Social 2022 report



TRPI Media

TRPI Report Card A5 front artwork



TRPI Report Card A5 back artwork

Totally Renewable Phillip Island is a collective of 15 partner organisations (independent entities) and community members, all committed to strive to become carbon neutral by 2030.

We highlight our commitment to work together with Council and the Waterline communities to support their transition to renewable energy, to write up the TRPI model to enable other communities to become Totally Renewable Towns.

<p>Education & Communication</p> <ul style="list-style-type: none"> + Education forums + Social media messaging + 17 YouTube videos + Working with schools + Build community knowledge through information and events 	<p>Transport</p> <ul style="list-style-type: none"> + Showcase and trial Electric Vehicles + Electric Vehicle public transport & small commuter vehicles + Community Reference Group - Phillip Island Integrated Transport Study + Electric Vehicle charging infrastructure + Active transport advocate 	<p>Carbon & Regenerative Farming</p> <ul style="list-style-type: none"> + Bass Coast Landcare Network and Phillip Island farmers: regenerative farming practices + Soil Carbon: testing five farms + 'Island Bush Care' with PILG: Voluntary carbon offset & revegetation + Bushlinks for wildlife
<p>Clean Energy</p> <ul style="list-style-type: none"> + 100% Renewable Phillip Island Feasibility study completed to map out the path to generate more renewable energy on the island + Begin implementing recommendations of the Pre-feasibility study to rollout renewable energy across the island 	<p>Food & Waste</p> <ul style="list-style-type: none"> + Work with Bass Coast Food Collective Steering Group + Encourage commercial Biodigesters to reuse food waste to make energy + Communicate Community food initiatives and local food trail map 	<p>Carbon Accounting</p> <ul style="list-style-type: none"> + Utilise Bass Coast Shire Council's whole island total emissions profile + Encourage households and businesses to have emissions audits + Communicate regular updates to promote awareness, take action, celebrate successes

Snapshot of what our Working Groups have in progress. Go to our web page to learn more and link to our facebook page to engage. TRPI is run by volunteers with a part time Coordinator thanks to funding from Bass Coast Shire Council.

New to the area? Join TRPI and meet like minded people. www.totallyrenewablephillipisland.weebly.com

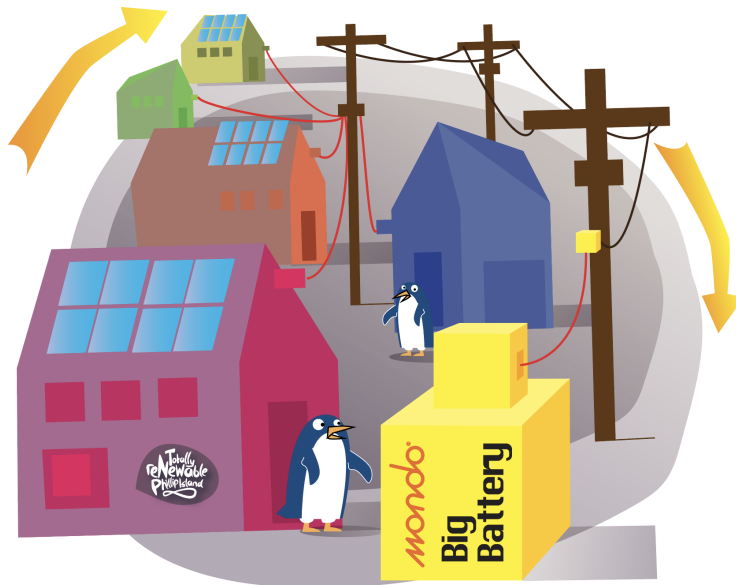
Community demands action on climate change, this image is from a rally organised by a year 8 student and supported by our community



Artwork created to support the Big Battery project and used as printed flyers, advertisements and social media materials



Artwork created Neighbourhood Batteries Feasibility Study document



The Neighbourhood Battery Initiative 'Tariff Trial'



Social media materials, the facebook page has 864 followers

The distinctive illustration style works well in the context of Social Media and is instantly recognisable.

