

RDA ACT Strategic Regional Priorities 2016-17



1. RENEWABLE ENERGY

- Facilitate economic development opportunities via the SERREE regional Renewable Energy Industry Cluster – funded by the Australian Renewable Energy Agency (ARENA), NSW & ACT Governments and key regional industry stakeholders
- Undertake a regional Renewable Energy Supply Chain Capability Mapping exercise in collaboration with AusIndustry
- Host a series of regional Business Forums and networking events to underpin knowledge sharing and collaboration across the renewable energy sector; present a compelling website and popular regional Industry Update (e-newsletter)
- Establish global connectivity, working in collaboration with Austrade and DFAT particularly, to facilitate regional export opportunities



2. SMART CITIES

- Develop the potential to establish pilot Smart Work Hubs in Gungahlin, Queanbeyan and Goulburn, in collaboration with the ACT Government, Local Councils, the Canberra Region Joint Organisation (CBRJO) and RDA Southern Inland
- Work with the ACT Government and Canberra Convention Bureau to facilitate the Australian Smart Communities Association (ASCA) hosting the ASCA Conference in Canberra in 2019
- Input to forming the national Smart Cities & Suburbs program guidelines and the ACT Government's Smart City Strategy.



3. REGIONAL PRODUCE

- Input to form an ACT and Capital Region Food Plan in collaboration with the Conservation Council
- Facilitate the formation of a Regional Food Hub cluster in collaboration with the University of Canberra
- Promote the local region's (CBR Region) cold-climate gourmet produce and 'brand'
- Explore the potential to value add to produce
- Explore the potential to export in collaboration with the Canberra Airport – clean, green gourmet produce

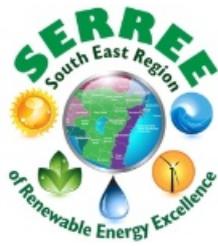


4. TOURISM-EDUCATION

- Develop RDA ACT-SERREE's Renewable Energy Trail – a self-guided tour around the diversity of the region's renewable energy technologies:
 - Liaise with site hosts to develop viewing sites and erect Trail-branded signage
 - Develop Renewable Energy Trail interpretive signage and website platform
 - Promote the Renewable Energy Trail as a unique tourism attraction to profile this region's comparative advantage in having most of the renewable energy technologies represented
 - Work with Federal Government agencies to present RE Trail site tours for global delegations.

In 2016, Regional Development Australia ACT determined these four strategic priorities based on their potential to optimise regional economic development outcomes from the comparative advantages of the ACT Region.

These priorities have underpinned the focus of work undertaken by RDA ACT in the 2016-17 financial year. The following pages present Case Studies outlining Priority Activities for each of RDA ACT's strategic regional priorities.



1. Renewable Energy – RDA ACT has developed an exemplar, regional-scale Renewable Energy Industry Cluster – SERREE, now with over 1,000 members, under a Funding Agreement with ARENA, the ACT and NSW governments and key Industry stakeholders, attracting some \$2m investment into the region FY14-17.

The SERREE initiative has facilitated industry growth that has progressed economic development benefits for the region that include new local job opportunities, skills training, business growth and regional investment.

The SERREE regional Renewable Energy initiative began as a good idea in 2012, recognising the comparative advantages of this region’s renewable energy industry: ACT Government policy – 100% renewable energy by 2020, its natural resources – solar, wind and hydro particularly, regional strengths in research and education, and a progressive culture.

RDA ACT also recognised the value of bringing together an Industry Cluster, adopting a best-practice global model whereby stakeholders collaborate and share knowledge to grow their industry, while still recognising the need to compete for projects. It is a model that demonstrates the value of a collaborative approach that is inclusive of the diversity of interests across an industry.

RDA ACT was funded by a range of government and industry stakeholders to develop the SERREE initiative and form a regional renewable energy Industry Cluster - a strong and cohesive regional network that includes over 1000 members representing renewable energy and allied businesses and industry, the three tiers of government, research, education and community stakeholders.

The SERREE initiative has diversified and expanded over recent years to progress a range of regional renewable energy related projects that have presented real economic development benefits to the region.

The SERREE Renewable Energy Industry Cluster development model is now available to share with other Australian regions. The SERREE Model shares the learnings of the 3-year development of an Industry Cluster, what we did, what worked, what we could have done differently. The SERREE Model Resource Kit provides a wealth of information that could also be extrapolated to develop other industries on a regional-scale.

RDA ACT guides and leads the SERREE initiative’s strategic direction. RDA ACT organises and hosts SERREE events and activities, develops related projects, and engages closely with its Cluster membership through a range of communication channels including weekly e-newsletters, the SERREE website, meetings, Business Forums and less formal ‘catch-ups’.

RDA ACT acts as an ‘honest broker’ given it is not aligned to competitors’ agendas, yet has the best interests of the region at heart. The SERREE initiative has also brought together a range of diverse and disparate stakeholders to collaborate for the greater good of the industry and region – including the three levels of government, and has accessed funding from a range of government and industry sources which again could not have been achieved by any other organisation.

Testimonial: Australian Renewable Energy Agency

KEY ACHIEVEMENTS

RDA ACT, under its SERREE Renewable Energy Industry Cluster initiative, has:

- Developed and engaged a network of this region's renewable energy stakeholders representing the diversity of the sector across business and industry, the three levels of government, research and education institutions and community organisations. SERREE Network membership exceeded the 1,000-member milestone during FY17.
Member engagement has been through communication mediums that include a dedicated website (achieving over 1,000 page views a week), a weekly e-newsletter (with 40% open rates) and through presenting a range of informative events and networking opportunities.
- Organised and hosted two Renewable Energy Business Forums:
 - On 7 February 2017, 135 members attended a SERREE Business Forum held at the Canberra Renewables Innovation Hub and officially opened by ACT Minister for Climate Change and Sustainability Shane Rattenbury MLA. The Forum focused on large EPC businesses that are developing renewable energy projects in the region presenting to local businesses about forthcoming opportunities available within these developments.
 - NSW Parliamentary Secretary for Renewable Energy Ben Franklin MLC and ACT Minister for Climate Change and Sustainability Shane Rattenbury MLA joined over a hundred of the ACT and surrounding NSW region's renewable energy leaders at the SERREE Business Forum held at The Link at Ginninderry, 17 May 2017. The program included a keynote presentation by distinguished Professor Ross Garnaut AO on *Microgrids – the Industry, the Science and the Social Dimensions*.
- Organised Renewable Energy Day 2016 – a celebration of the excellence of the ACT and surrounding NSW region's renewable energy sector, held on Saturday, 3 December 2016, with an Official Opening at the Mount Majura Solar Farm by ACT Minister Mick Gentleman MLA and Minister Shane Rattenbury MLA.
Hundreds of participants headed out on SERREE's Renewable Energy Trail to visit some of Australia's biggest and best renewable energy infrastructure sites including Veolia's Woodlawn Bioreactor – one of the world's largest landfill gas-to-energy projects; the ANU's Big Dish – the world's largest parabolic solar thermal dish concentrators; and ITP Renewables' Lithium-Ion Battery Test Centre – a world-leading battery performance testing laboratory. A lunchtime highlight was a visit to ActewAGL's Networks Centre in Tuggeranong where a display of electric vehicles, industry stalls – including roof-top solar and battery storage, a free BBQ lunch, live music and children's' activities offered something for everyone.
- Facilitated two Industry Roundtables - 21 October 2016 and 4 May 2017, with the renewable energy site managers operating in the south east NSW and ACT, to identify and discuss opportunities and challenges for the industry in the region e.g. coordinating visitor site visits and sharing plant such as large cranes used for wind turbine maintenance. Site Managers agreed that there is value in SERREE facilitating on-going collaboration across the sites, and that such interaction would provide opportunities to further develop the industry in this region.

- Collaborated with the Australian National University and foreign embassies to present a number of important industry events.
 - Firstly, with the Delegation of the European Union to Australia to celebrate the EU Climate Diplomacy Week event: Climate and Innovation: 'Green growth and green trade-opportunities for Australia', 14 September 2016. RDA ACT Executive Director also presented as a member of an expert panel.
 - Secondly, with the Royal Danish Embassy to present a community energy event: *How Denmark's Samsø became the World's first 100% Renewable Energy Island* featuring Søren Hermansen, Director of Samsø's Energy Academy, Gothenburg Prize winner and mastermind behind the transformation of Samsø, 13 February 2017.
- Supported the Ginninderry Microgrid project by providing Riverview Projects with access to grant funding through SERREE's current funding agreement with ARENA, and access to the SERREE network. This social research project explored the uncharted dimension of people's assumptions, expectations, perceived benefits, reservations and objections towards renewable energy systems and the proposed microgrid. *The Householder Attitudes to Residential Renewable Energy Futures* report was officially launched at Green Cities 2017 Conference, 7 March 2017 – included in Attachments.
- Developed the SERREE Model, the culmination of the three-year SERREE Funding Agreement to develop a replicable, region-scale model for renewable energy industry development that can be replicated in other regions of Australia. *An Introduction to the SERREE Model* is included as an Attachment.

RDA ACT Executive Director will present on the SERREE Model to regional stakeholders at two national conferences:

- Australian Regional Development Conference (ARDC), September 2017, Coffs Harbour, NSW
- Sustainable Economic Growth in Regional Australia (SEGRA) Conference, October 2017, Port Augusta, SA

The SERREE Industry Cluster and Renewable Energy Trail initiatives won the runners-up Environment and Sustainability Award at Australian Regional Development Conference.

2. Smart Cities – Another comparative advantage of the ACT is its well-educated and progressive populace. RDA ACT has been working in partnership with the ACT Government and a range of businesses and organisations to profile and develop Canberra as an innovative Smart City.



This includes providing input into the ACT Smart City Strategy (to be released later in 2017); developing the potential for outlying Canberra suburbs to establish Smart Work Hubs; preparing the bid to support Canberra hosting the 2019 Australian Smart Communities Association conference; and profiling Canberra's important role as the hub of its surrounding south east NSW region.

KEY ACHIEVEMENTS

- RDA ACT attended the Australian Smart Communities Association (ASCA) Conference 29-31/5, as did ACT Chief Minister Andrew Barr.

The Chief Minister, appreciating the value of Canberra being the host city for this Conference in 2019 as both a way to profile the smart city advantages of Canberra and to attract the regional economic development benefits of conference delegate visitation, requested a collaborative bid be prepared by the ACT Government in partnership with RDA ACT and the Canberra Convention Bureau, based on the bid put up by RDA ACT for the 2017 ASCA Conference.

The bid document as submitted to ASCA notes RDA ACT as a Partner Organisation, that RDA ACT will be part of the Conference Organising Committee 'to support the regional renewable energy tour and the broader event', and leads with a letter of support from RDA ACT.

- For some years now, RDA ACT has been working to establish Smart Work pilot hubs in outlying suburbs of Canberra such as Gungahlin, ACT (Gungahlin Community Council) and in NSW regional towns: focus on Goulburn (Goulburn Mulwaree Council) and Queanbeyan (Queanbeyan City Council). Such hubs enable 'smart work' practices that ensure workers can maintain a healthy work-life balance through having access to a workplace that negates the need for a long commute with all the social, productivity and environmental issues this can raise.

RDA ACT attended a meeting to progress the Smart Work Hubs in Canberra initiative (18/11/16), attended by ACT Government officers (nine), and led by Bronwen Overton-Clarke, Deputy Director General and ACT Public Sector Standards Commissioner, Workforce Capability and Governance Division, Chief Minister, Treasury and Economic Development Directorate.

Meeting Outcome – first steps:

- Aim: to quantify the need to progress a Smart Working initiative using data analysis.
- Method: ACT Government to work internally to identify potential Smart Work Hub workers within the ACT Public Service by directorate and classification, and by where they live and work - journey to work.

- RDA ACT organised a meeting to link the ACT Government with ASCA with a view to collaboratively bringing a Dutch Smart City delegation to Canberra (1/9)

The outcome was that the Dutch Smart City Delegation came to Canberra, with the ACT Commissioner for International Engagement Brendan Smyth hosting a Welcome Reception at the ACT Legislative Assembly, 31/10.

A Canberra & Region Smart City Forum was held the following day (1/11) at which RDA ACT gave a presentation titled: *Canberra – Smart Hub of the Region*.

One of the most important outcomes of the Forum was the signing a Letter of Intent between the ACT Government and the Netherlands-based Global Smart Cities and Communities Coalition (GSC3) to work collaboratively to develop best practice in building smart cities.

- RDA ACT attended, ‘an exclusive, invitation only breakfast and forum’ hosted by the Regional Australia Institute on 12 October held in the Mural Hall at Parliament House in Canberra. Program included a presentation by the Hon Angus Taylor, Assistant Minister for Cities and Digital Transformation and a networking opportunity to engage with leaders from 31 Regional Cities across the nation.

Getting Ready for City Deals forum, Old Parliament House, 12/10 - to further explore the City Deals agenda with leaders from 31 regional cities.

- Attended the Digital Transformation Luncheon with presentation by the Honourable Angus Taylor, National Press Club, 14 October.
- Assistant Minister for Cities and Digital Transformation, the Hon Angus Taylor released the draft guidelines for the \$50m Smart Cities and Suburbs Program for public consultation, 13/12/16. The Program seeks to increase the efficiency and effectiveness of urban service delivery, infrastructure and planning to improve the liveability of cities and their suburbs.

RDA ACT provided input into the draft guidelines for round one of the program – objectives, outcomes sought, eligibility and merit criteria. These guidelines were informed by stakeholder input provided at consultation roundtables organised by the Cities Division, Department of Prime Minister and Cabinet, attended by RDA ACT (Canberra, 20/10/16).

- RDA ACT worked closely with the Canberra Innovation Network (CBRIN) and the ACT Government to scope and develop the framework and strategy for a Canberra Renewables Innovation Precinct and Hub. The Renewables Innovation Hub was officially opened on 22 November 2016.

The RDA ACT bid to manage the Hub was shortlisted to interview (1 of 3) but the role was given to Entry 29 who manages much of the start-up culture in Canberra.

RDA ACT maintains that its SERREE Industry Cluster membership – industry engagement is critical to the on-going development of the Hub as scoped, with value in including the entirety of the industry, from start-up right through to regional offices of large multi-nationals. Under a collaborative Industry Cluster approach, the

experience and networks of established businesses juxtaposed with those of start-ups generate synergistic benefits.

- The ACT Government has commenced work on developing an *ACT Smart City Strategy: Smart Capital, Smart Region* and sought input from across the community, industry and academic sectors on how to use technology, digital platforms and real-time data to drive better outcomes for Canberra.

RDA ACT attended the interactive ACT: Smart Capital, Smart Region Workshop to engage with a broad range of stakeholders and provide input into the ACT Government strategy - how can Canberra work together to become a nation leading smart city? Attendees were asked to test the proposed strategy directions and inform the wider community on the benefits of delivering integrated smart city initiatives. *ACT Smart Cities Strategy* to be released later in 2017.

- RDA ACT has accepted an invitation to be a panelist at the Gov Innovate conference to be held 10-11 October 2017, National Convention Centre Canberra, 'Audience: 250 senior government ICT and digital executives'
Session details: Panelist, 3.25 - 4.00 pm Wednesday 11 October
Panel discussion: *Smart cities, IoT and the digital economy*
What's possible: From transport infrastructure, energy and the environment, to health, social care and civic services
Information sharing between agencies and industry delivery partners

3. Regional Food – RDA ACT is committed to enhancing and profiling the role of Canberra as the hub of its surrounding south east NSW region.

The Canberra region is an acknowledged region for boutique cool-climate wines and gourmet produce. New international facility at the Canberra Airport provides opportunities for the broader region's agricultural producers to access export markets. To facilitate this, RDA ACT has been working with a range of key stakeholders, including RDA Southern Inland and RDA Central West, to scope the potential for and facilitate the establishment of a Regional Freight and Logistics Hub adjacent to the Airport.

This regional food strategic priority provides a canvas for demonstrating the synergies of the regionally-holistic approach, whereby much of the regional produce is grown in 'the Canberra Region', with Canberra providing both the market for that produce, and also facilitating access to export markets through the international facility now available via the Canberra Airport.

KEY ACHIEVEMENTS

- **Freight and Logistics Hub**

A range of stakeholders, including RDA ACT, have recognised the need for a Freight and Logistics Hub to be established adjacent to the Canberra Airport to facilitate the flow of regional produce to export markets. Providing easy truck access, cold storage facility and biosecurity (quarantine) services have been identified as key requirements for such a Hub.

RDA ACT discussed the potential for developing a Freight Hub with RDA Southern Inland and the Agribusiness Regional Development Association (ARDA) in the first instance (20/10/16; 25/11/16). It was recognised that the gourmet cold-climate food and wines produced in the Canberra region would match well with the burgeoning demand for such produce, particularly from the many Asian countries with a developing middle-class who can increasingly afford the luxury of gourmet.

RDA ACT attended the Agricultural SME Logistics Workshop in Orange (15/11/16), organised by RDA Central West. The workshop brought together regional producers, buyers and freight operators to investigate the extent of need in Central West NSW for a domestic freight model that enables regional SMEs to deliver irregular, low volumes of agricultural produce to clients in an efficient, timely and affordable manner.

RDA ACT's role was to outline the potential to establish a Freight and Logistics Hub adjacent to the Canberra Airport to facilitate access to Asia Pacific markets for high-value agricultural products. It was identified at the Workshop that Central West is a region that would benefit from this access given its proximity to Canberra and the current challenges of transporting produce via the Sydney Airport; e.g. needing to re-load produce into smaller trucks in Western Sydney.

In September 2017, ARDA has organised meetings to be held in regional towns within the Southern Highlands, Central West, Riverina and South Coast, to explore the level of demand and potential pathways forward for a logistics, cold store and export hub at the

Canberra Airport. Funding was provided by the Farming Together program which helps primary producer groups to develop collaborative projects to improve farm gate returns. RDA ACT is currently working with ARDA and the ACT Commissioner for International Engagement to facilitate a similar meeting in Canberra.

- **Establishing a Regional Food Hub**

RDA ACT attended a series of meetings to progress the establishment of a Regional Food Hub that would bring together the diversity of key food stakeholders - encourage collaboration, partnerships, and explore opportunities for export.

The Regional Food Hub was a collaborative initiative between RDA ACT and the University of Canberra, Canberra City Farm, Southern Harvest, the Conservation Council, SEE-Change and the CBC Sustainability Taskforce. RDA ACT also led a meeting (17/8/16) between Hub stakeholders and the ACT Government to seek financial support to progress the Hub initiative.

RDA ACT co-hosted two Food Hub events, held at the University of Canberra on 17 and 18 August 2016:

- Food Hubs: Can they benefit farmers, the economy and public health?
- A Workshop with Anthony Flaccavento – Bringing Food Hubs to life in the Australian Capital Region

RDA ACT contributed sponsorship to secure key global speaker Anthony Flaccavento to present at these events.

A challenge identified at stakeholder meetings was a disconnect between some members' priorities in developing a regional food initiative. Some had focus on regional residents consuming regional produce – low food miles, sustainability of production, access to good food by all. This did not always fit well with the regional economic development priority to grow business, jobs and to export the regional produce.

- **Establishing a Regional Food Council and Regional Food Plan**

RDA ACT has been working in collaboration with the Conservation Council to develop an Australian Capital Region Food Council, and to draft an *Australian Capital Region Food Plan*.

Attended a Food Council Reference Group meeting 18/10, organised by the Conservation Council, to discuss the Terms of reference, membership composition and structure and a preliminary work plan for an ACT Food Council.

Objective of the Council: To support sustainable food production and food sovereignty, whereby everyone has the right to health and affordable food.

Momentum has stalled on these initiatives and RDA ACT is not well enough resourced to be able to pursue further. However, this is a strategic regional priority that presents the scope for RDA ACT to progress - secure regional investment to underpin valuable economic development outcomes.

4. Tourism and Education – RDA ACT has developed a unique regional tourism and education resource: *The Renewable Energy Trail*.

The Renewable Energy Trail is a self-guided tour around the diversity of renewable energy generation technologies hosted in this region. Trail signage and the [Trail website](#) provide information on each site and its technology. The Trail provides regional economic benefit as a tourism resource – promotes regional visitation and is an education resource for students and local communities (social licence).

As part of developing the Trail, RDA ACT is also working with Austrade and the Department of Foreign Affairs and Trade to host global delegations to the region. Delegates meet with local businesses to explore trade opportunities and tour Trail sites to gain a better understand of the technologies.

RDA ACT's SERREE Industry Cluster networks and expertise have underpinned RDA ACT's capability to extend the scope of work beyond the SERREE Industry Cluster Funding Agreement in support of developing a tourism and education initiative – the regional Renewable Energy Trail project.

The Renewable Energy Trail provides a self-guided tour around the diversity of the region's renewable energy generation technologies, supported by Trail interpretive signage, with some sites developing viewing areas, and a [Trail website](#) which provides an interactive map plus more detailed information about each site and its technology. Site owners collaborate with RDA ACT to work the site and technology relevant information into the consistent Trail branded signage.

The Renewable Energy Trail (RE Trail) now includes some twenty sites, ten of which provide RE Trail branded interpretive signage (erected or in production), showcasing the diversity of renewable energy generation sites that are a comparative advantage of this region.

This region is home to many significant sites:

- World's largest parabolic solar thermal dish concentrator – ANU Big Dish (500m²)
- Australia's largest hydro-electric generator – Snowy Mountains Scheme (4,100MW)
- World's largest bioreactor landfill project – Woodlawn Bioreactor (waste to energy)
- ACT 'Solar Highway': Fifty kilometres of road ... four solar farms ... 174,340 solar panels
 - Williamsdale
 - Royalla
 - Mugga Lane
 - Mount Majura
- Australia's largest agriculturally integrated solar PV facility – Mugga Lane Solar Park (13MW)
- NSW's largest operating wind energy generator – Gullen Range Wind Farm (165.5MW)
- Southern Hemisphere's largest geothermal heat pump – Geoscience Australia (2.5MW)
- Australia's largest community-owned solar farm project – SolarShare Canberra (1.26MW)

- Battery testing laboratory – ITP Renewables, hosted at the Canberra Institute of Technology's Renewable Energy Training Centre of Excellence
- ActewAGL's EV charging station

The Trail is a unique tourism attraction in Australia, though there is global precedent for the success of such an initiative.

KEY ACHIEVEMENTS

- RDA ACT is currently working with the ANU Fenner School – ANU Complex Problems in Action project, to identify strategies and learnings from eco/ sustainability/ technology-based tourism to further develop the Renewable Energy Trail.

The project is a case study for the course where the students work collaboratively with a stakeholder to devise and conduct a research project as proposed by the stakeholder. The project aims to identify the strengths, weaknesses and leverage points of the Trail, and to apply learnings to provide recommendations on how to further develop the Renewable Energy Trail.

The project will run for 8 weeks from 1 September to 28 October 2017.

- RDA ACT is working with RE Trail Site Managers to further develop the Trail by collaboratively providing a dedicated RE Trail Discovery Hub – a shared regional site at the Crookwell Wind Farm. Benefits include:
 - Community engagement – improved community understanding and acceptance of renewable energy development
 - Comparative advantage – heightened profile of the region as a centre of renewable energy excellence
 - Pooled resources – a hub developed by a group of stakeholders has the potential to be developed to a greater extent than by one organisation alone.
- RDA ACT is working with Austrade and other international partners to present global energy delegations with introductions to renewable energy businesses in this region, and to visit renewable Energy Trail sites. These include:
 - South and West Asia Delegates, May 2017, visiting from Bangladesh, Bhutan, Pakistan, and Sri Lanka, are part of the Australia Awards, an initiative of the Federal Department of Foreign Affairs and Trade, which seeks to develop education, skills and personal and national relationships across the South and West Asia region, in line with Australia's national interest.
 - APEC Expert Group on Energy Data and Analysis (EGEDA), 9 November 2017, RDA ACT to organise visits to Renewable Energy Trail sites on behalf of the Federal Department of Environment and Energy – Energy Economics Team.
 - Meeting with Department of Environment and Energy – Energy International Team to discuss RDA ACT coordination of site tours, business to business meetings, and industry roundtables with future visiting international delegations. RDA ACT is participating in the Australia-Taiwan JEMTIC Conference, 13 September 2017

- Renewable Energy Trail site visits have been combined with sustainable-agricultural visits to present a mixed regional tour program that presents both sites of interest and gourmet produce tastings.

These Tours have been offered to support the ACT's bid to the Australian Smart Communities Association to host the ASCA Conference in Canberra (2019) and in support of an EOI to host the SEGRA Conference in Canberra (2019-20).

Tour options have also been provided to the Canberra Convention Bureau and Visit Canberra to provide unique tour options for visitors to the ACT Region.

- We continue to scope avenues for including the Renewable Energy Trail into local and visiting school and university curriculums focusing on renewable energy/ sustainability as the ultimate excursion.

Met with the Australian Interactive Entertainment 7/9 to explore the potential to further develop the Trail as an educational resource – develop an app providing a range of levels of information about the renewable energy technologies designed to appeal to students from primary through to university level – encourage STEM learning and skills training - jobs that can help families to stay in the regions.