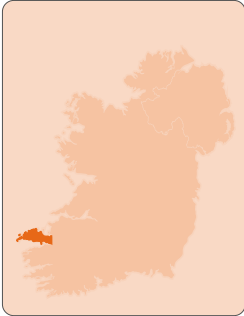


Corca Dhuibhne / Dingle Peninsula



Corca Dhuibhne / The Dingle Peninsula

is defined by the territory to the west of a line connecting Blennerville to Castlemaine and with an area of 583 sq. km and extending 48 km into the Atlantic.

- It has a resident population of 12,958, with 1,650 living in Dingle Town (CSO, Census, 2022) but sees visitors in excess of 1M annually.
- Second (or holiday) homes account for c. 26% of all houses on the Peninsula and tourism accounts for c. 30% of the local economy. Much of tourism product is low value.
- Farm-to-fork is underdeveloped. Much of agriculture product is not retained locally.



Corca Dhuibhne – Energy Master Plan and Demographic and Socio-Economic Profile data to support transition

- Total total energy use is 310 GWh and related CO2 emissions is 171 ktonnes. This accounts for half of the total emissions on the peninsula.
- 54% of energy use relates to Transport
 - 28% travel outside the Peninsula for work
 - Majority in favour of using public transport or electric or hybrid vehicles. More reticent about gas powered vehicles.
- 49% of CO2 emissions relate to agriculture
 - 15% Farm / Agri related workers here vs 5% nationally
- Largest employment category is “Other” at 26% - this includes pluriactivity
- Over 80% agree that the Peninsula should develop it's own sources of energy
- 46% of the housing stock dates to before 1980
 - Nearly 60% are favourably disposed to heat-pumps



Rural Community Innovation and Transition



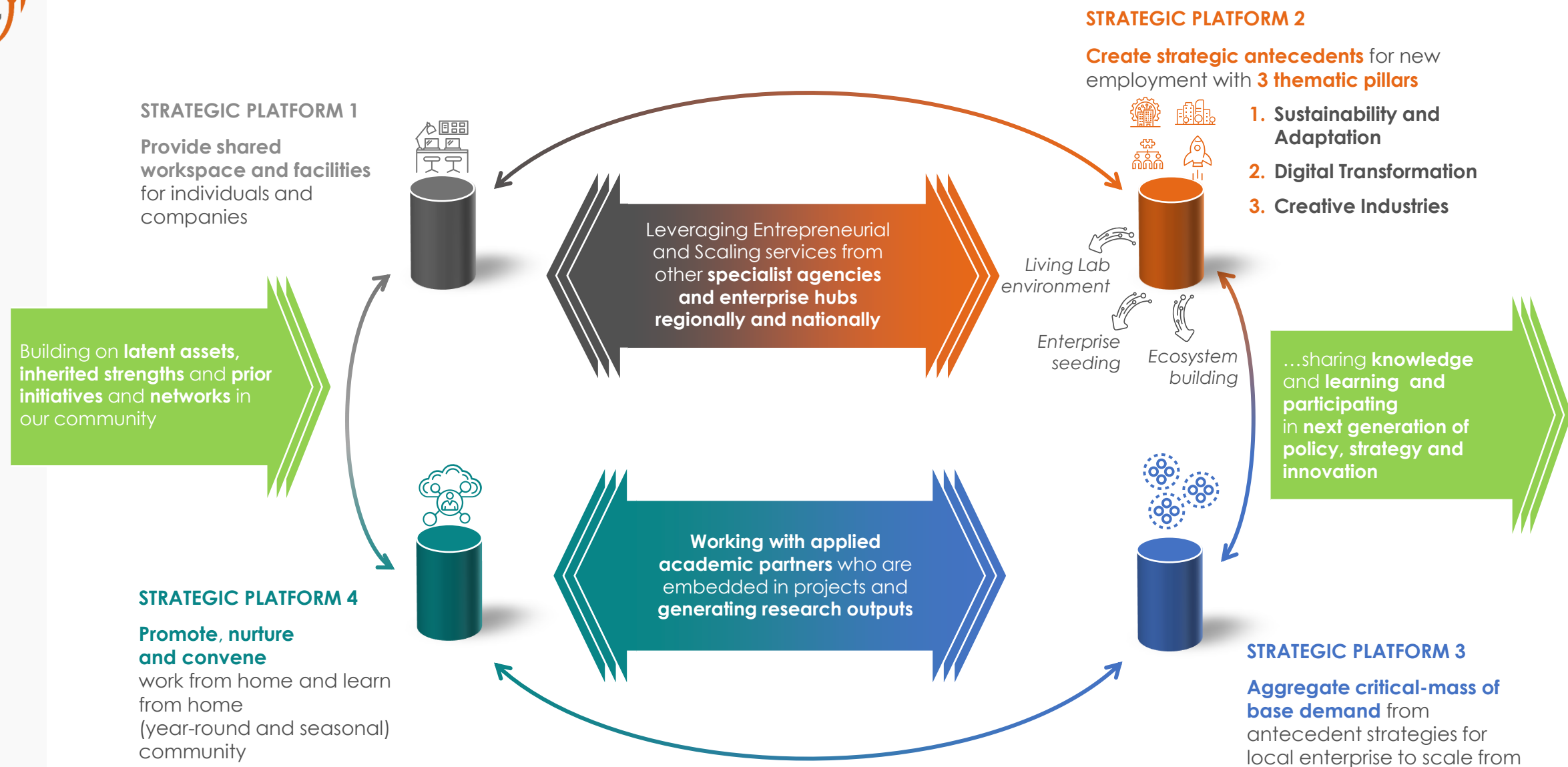
Our mission

“
=
”

to build a creative, livable, sustainable and inclusive community,
fostering a vibrant and diverse ecosystem of stakeholders to facilitate the creation and maintenance of well-paid, year-round incomes on the Dingle Peninsula ”

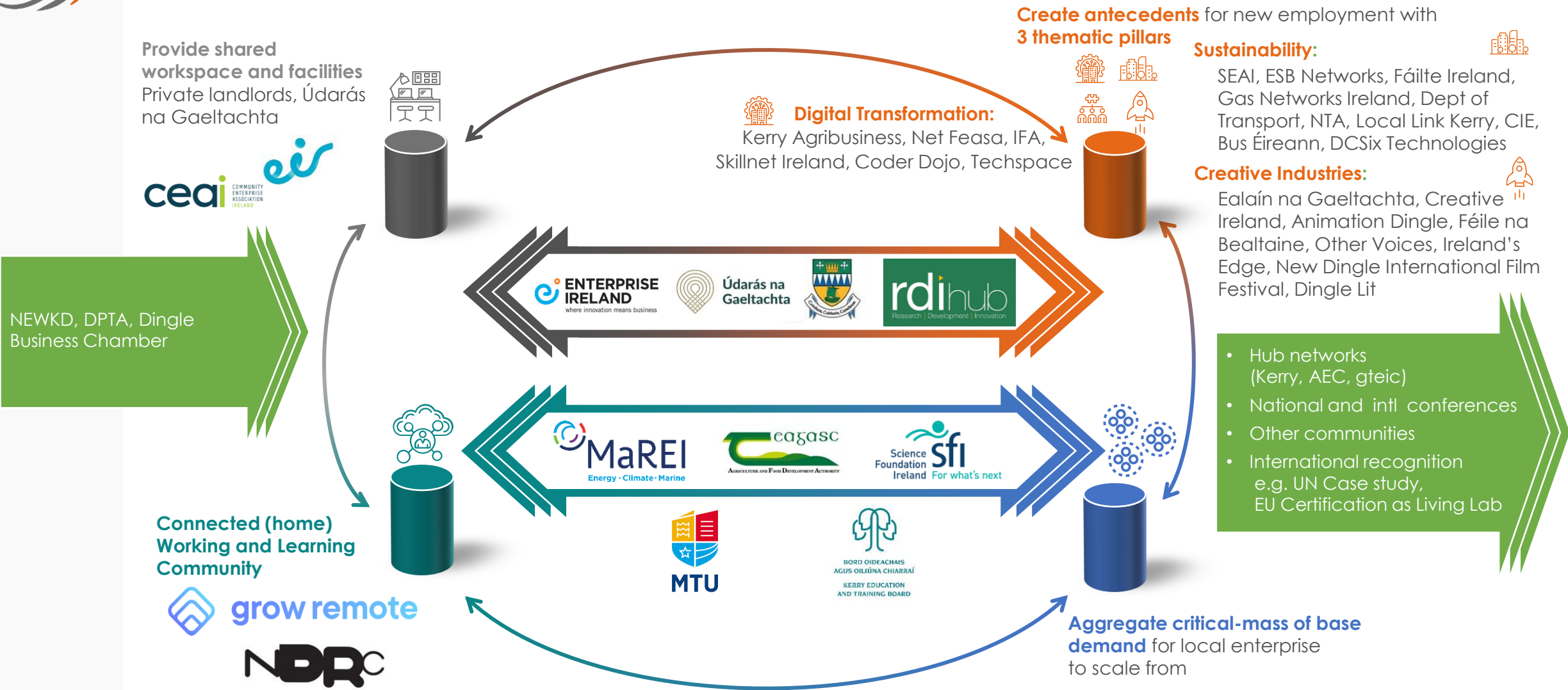


We have developed an innovative model of Remote Regional Development.





We convene and mobilise networks of key partnerships within which the work of the Hub is embedded. It provides a highly effective, low-cost way to leverage and extend the work of multiple other stakeholders including State agencies





To date, we have delivered outputs across all the strategic platforms in our model. Our outputs span the areas of network building, capacity building, project delivery to new business development and income creation

Strategic platform 1	Strategic platform 2			Strategic platform 3	Strategic platform 4
Shared workspace	Pillar 1: Sustainability	Pillar 2: Digitalisation	Pillar 3: Creative Industries	Aggregating demand	Connected (home) working
<ul style="list-style-type: none">• Optimal utilisation of now-expanded space in Cúilín• Enhanced facilities including VC, Podcast room in Cúilín• Delivery of Údarás na Gaeltachta shared workspace g-teic at their offices in Milltown in Dingle• Support to other groups developing new hub facilities on the peninsula	<ul style="list-style-type: none">• Energy MasterPlan for peninsula• Feasibility Study for Anaerobic Digestion• Hosted ESB Networks Grid of the Future project on new renewable technologies. Trial participants continue to engage as retrofit and EV Ambassadors.• Hosted EU Storennet Solar PV and Battery storage project exploring Virtual Power Plant options• Hosted SFI Activating the Energy Citizen project on engaging communities in transition. Resulted in establishment of West Kerry Dairy Farmers' SEC.• Hosted Teagasc EU SKIN short supply chain project on Farm 2 Fork, Agri-Tourism. Now morphed into EU Ploutos project• Re-designed public transport routes with new alignment between Bus Éireann, NTA and Local Link Kerry. Electric buses. Significant increase in connectivity and passenger #s. Benefits for community and visitors.• Project developed and funding being secured for modal shifts to Sustainable Mobility. Designated as a national pathfinder project by Dept of Transport• Secured designation for peninsula as Kerry Decarbonisation Zone• Suite of projects in development across Agriculture, Tourism & Hospitality, Renewables, Biodiversity, Climate Adaptation• Imminent set-up of Tourism & Hospitality SEC• Development of new links between Farming, Hospitality and Branded Food Producers	<ul style="list-style-type: none">• EU Ploutos trialling on-farm sensor-based technology and decision-making on 30 farms• Delivered Dingle Adapts series on Facebook and Instagram Live detailing stories of local businesses in transition• Planning for Industry 5.0. Structuring digital skills development in schools around sustainable development principles• Delivered annual Coder Dojo and Techspace series• Participation in TechFéile• IoT Farm Ambassador project• IoT Water Monitoring Project	<ul style="list-style-type: none">• Creative Agri farming group exploring income diversification options• Facilitated annual Principles of Film Workshops leading to establishment of local film networks• Facilitated annual Creative Writing Workshops• Facilitated annual animation Workshops linking creative skills to increasing knowledge of local transition• Unlocked collaboration and funding opportunities and new Businesses start-ups• TG4 Creative Company participant• Facilitated Creative Business Workshops• Facilitated The Great Story Philosophy course• Participated with UCC on Engaged Research with Walking Conversation weekends• Support to Dingle Festivals across Animation, Film and Literature	<p>New businesses and business activity:</p> <ul style="list-style-type: none">• Solar Beo• DC Six Technologies• Eask Media• Skyscraper.ie• Dingle Global Education• The BIG Idea• EmpoweringTEC• Productions.ie• Speak Up Club• Digital content production projects• Film production, online performances <p>Existing businesses leveraging hub services</p> <ul style="list-style-type: none">• Net Feasa• My Ireland Box• Visualyse	<ul style="list-style-type: none">• Coffee road trips• Local chapter of Grow Remote• Skill training delivery• New VC facilities• Film Network• Creative Networking Platform• Provision of workshops• Ever-growing networks of relationships with home-based workers



Building the future by participating in broader policy debate and piloting

We have developed credibility, visibility and received validation of our efforts locally, in the county, regionally, nationally and internationally

Locally	County	Regionally	Nationally	Internationally
<ul style="list-style-type: none">Co-Chair of Dingle Peninsula Destination Experience Development Plan Implementation GroupMember of Dingle Peninsula Tourism Alliance CouncilMember of West Kerry Dairy Farmers SEC steering committee	<ul style="list-style-type: none">Kerry Tourism Industry Federation Sustainability Working GroupAmbassador for the Kerry Food Hub in FriesStrategic Alliance with RDI Hub in Killorglin to provide pathways between clients and entrepreneurial services to actively participate in network development and pilot projects	<ul style="list-style-type: none">South West Hubs Working Group – input to South West Regional Economic Plan (SWREP)gteic NetworkMember of Community Enterprise Association Ireland - CEAIContributor to MaREI Engaged Research and Co-production method development workshops. Winner of SFI and UCC Engaged Research of the year AwardsContributor to SECAD knowledge sharing event with eight East Cork communitiesLocal Futures Network with Green Offaly, Inishowen Development Partnership, Loop Head Together, Youghal Blue and Green	<ul style="list-style-type: none">Winner of <u>SEAI Inspirational Community Award</u>Winner <u>Pride of Place Awards</u> for Climate ActionMember of the Dept of Transport Delivery Team for Sustainable Mobility PlanMember of CRU National Stakeholder Engagement Evaluation panel and ESB Networks Customer and Society Panel<u>Highlighted in the Department Our Rural Future launch</u><u>Connected Hubs Network Launch</u>Overall Winner and Small Town Winner of <u>IE Digital Town Awards 2021</u>	<ul style="list-style-type: none">Participation in COP26 – drive to Scotland in EVCertified member of the EU Network of Living LabsUnited Nations Dingle Peninsula Case Study <u>Regional Information Centre for Western Europe</u> United Nations<u>UN Science Summit video presentation</u>

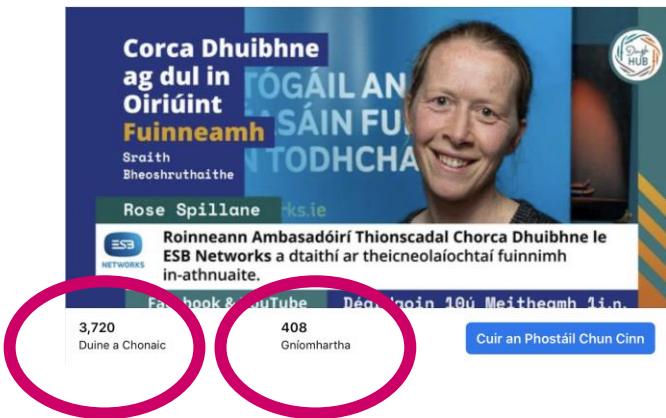
Amplifiers
How we anchor, embed and extend our work



Connecting a learning, creative, sustainable and innovative community – locally, nationally and internationally

Facebook / Youtube / Instagram
“Dingle Adapts” and “Dingle Adapts – Energy” series

- Showcasing businesses on the Dingle Peninsula who support local and work in a sustainable way.
- Virtual open days in five ESB Networks Ambassador homes showcasing suite of technologies
- Interactive Q&A Webinar



COP26 Journey

- Corca Dhuibhne 2030 team travel from Dingle to Glasgow in ESB Networks trial EV
- Lessons learned on the journey shared widely through media channels and at COP26 side event



UN Science Summit 2022

- Sharing our journey at a global level through participation in the EU Network of Living Labs



Amplifiers
How we anchor, embed and extend our work



Disseminating learnings through embedded academic support to generate an ever-increasing breadth of learnings dissemination with our applied research partner MaREI

Published Journal Papers:

- Reflecting on a collaborative approach to a regional sustainability transition: Dingle Peninsula 2030
- An innovative approach for developing a regional energy balance to inform local energy transitions
- Participatory Mapping of an Emergent Social Network for a Regional Transition to a Low Carbon and Just Society on the Dingle Peninsula
- Participatory methods in energy system modelling and planning – A Review

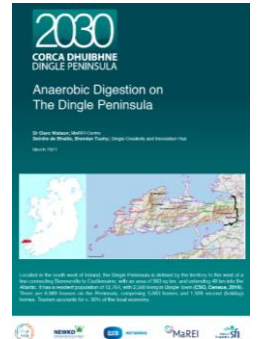
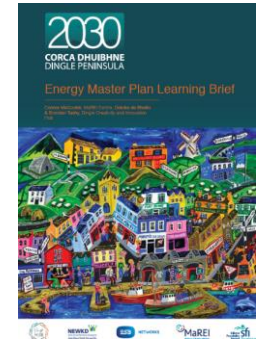
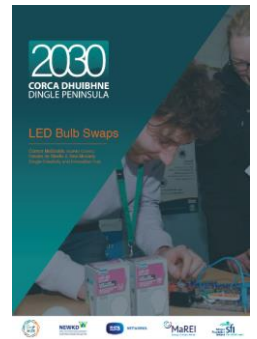
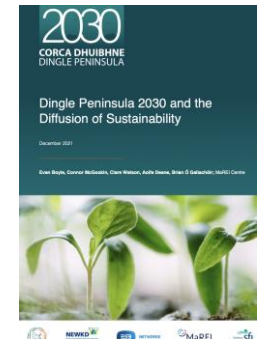
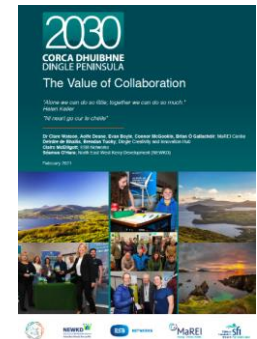
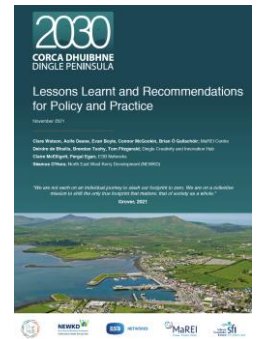
An expanding library of Research Learning Briefs addressing breadth of topics

Published

- Making it happen
- Lessons Learned and Recommendations for Policy and Practice
- Dingle Peninsula 2030 Brochure
- Dingle Peninsula 2030 and the Diffusion of Sustainability
- The Value of Collaboration
- Anaerobic Digestion on the Dingle Peninsula
- and 6 others



Amplifiers
How we anchor, embed and extend our work



In early 2022, we sought views of 21 external stakeholders representing government departments, public bodies, researchers, energy and community organisations contributed on the impact of the Corca Dhuibhne/Dingle Peninsula 2030 initiative

- “Almost 86% stated that **engaging with the Dingle Peninsula 2030 initiative encouraged them as external stakeholders to think differently and/or change their pre-existing ideas or take action**”
- “It’s a project that **really shows the power of local communities**, it’s an ability to translate abstract ideas from policy and theory into practice”
- “There **needs to be more than one Dingle** sharing learning, knowledge and experiences, **so that agencies can form appropriate policy**. Examine how to scale up and replicate the Dingle Peninsula 2030 initiative. **Such projects need inter-departmental support.**”
- “People think engagement should be easy and cheap and it’s not. You actually have to go out to people where they are, and you have to facilitate their views being heard, you have to create the structures for them to engage and the better the structures are, the more effective the engagement is going to be”

Introduction

CORCA DHUIBHNE / DINGLE PENINSULA 2030

RECOMMENDATIONS FOR ENGAGING SOCIETY IN LARGE-SCALE CLIMATE RESPONSES

FEEDBACK CARD 4 OF 4 IN SERIES

Continue the Work of Dingle Peninsula 2030

- Dingle Peninsula 2030 is a test case for rural Ireland and should be built upon by government.
- It can lead the way, especially in relation to learning and smart farming.
- Keep sharing the experiences, in-person through visits and exchanges, and building relationships.
- Bring down groups of officials from different departments to see for themselves. They are the ones with a long-term commitment to development. They see it, hear it and remember it.
- Show people everything that works, does not work and the challenges. The challenge is how to scale these changes.

“ I think they’ve done one of the best jobs of any community in Ireland from a learning perspective, at least in terms of starting to understand what’s needed and what can be learned (in terms of energy transition). ”

“ People think engagement should be easy and cheap and it’s not. You actually have to go out to people where they are, and you have to facilitate their views being heard, you have to create the structures for them to engage and the better the structures are, the more effective the engagement is going to be. ”

Produce more Data

- I would really like to see the detailed costs involved in Dingle Peninsula 2030 and the challenges and failings. Many projects fail, but if we know why we could watch out for those points in future projects.
- I would like to see more numerical outcomes and statistical results, to assist people and researchers.
- Communicating the emissions benefits would give extra credibility.
- I would be interested in seeing data on carbon emissions and other indicators compared over a period of time.
- We want to build on the experiences and trialling in Dingle and extend the learnings through our research programmes. We would like hard data plus feedback on community engagement.

Scale Up and Pilot Elsewhere

- There needs to be more than one Dingle sharing learning, knowledge and experiences, so that agencies can form appropriate policy. Examine how to scale up and replicate the Dingle Peninsula 2030 initiative. Such projects need inter-departmental support.
- It is really important to learn from the mistakes. Go from test bed to pilots that are scaled up incrementally (e.g., to 10 communities). Monitor and evaluate continuously and reflect before scaling further.
- Approaches like the Ambassador Programme show engagement and transition in action and could be replicated on a broad scale.

Outcomes

CORCA DHUIBHNE / DINGLE PENINSULA 2030

RECOMMENDATIONS FOR ENGAGING SOCIETY IN LARGE-SCALE CLIMATE RESPONSES

FEEDBACK CARD 4 OF 4 IN SERIES

Continue the Work of Dingle Peninsula 2030

- Dingle Peninsula 2030 is a test case for rural Ireland and should be built upon by government.
- It can lead the way, especially in relation to learning and smart farming.
- Keep sharing the experiences, in-person through visits and exchanges, and building relationships.
- Bring down groups of officials from different departments to see for themselves. They are the ones with a long-term commitment to development. They see it, hear it and remember it.
- Show people everything that works, does not work and the challenges. The challenge is how to scale these changes.

“ I think they’ve done one of the best jobs of any community in Ireland from a learning perspective, at least in terms of starting to understand what’s needed and what can be learned (in terms of energy transition). ”

“ People think engagement should be easy and cheap and it’s not. You actually have to go out to people where they are, and you have to facilitate their views being heard, you have to create the structures for them to engage and the better the structures are, the more effective the engagement is going to be. ”

Produce more Data

- I would really like to see the detailed costs involved in Dingle Peninsula 2030 and the challenges and failings. Many projects fail, but if we know why we could watch out for those points in future projects.
- I would like to see more numerical outcomes and statistical results, to assist people and researchers.
- Communicating the emissions benefits would give extra credibility.
- I would be interested in seeing data on carbon emissions and other indicators compared over a period of time.
- We want to build on the experiences and trialling in Dingle and extend the learnings through our research programmes. We would like hard data plus feedback on community engagement.

Scale Up and Pilot Elsewhere

- There needs to be more than one Dingle sharing learning, knowledge and experiences, so that agencies can form appropriate policy. Examine how to scale up and replicate the Dingle Peninsula 2030 initiative. Such projects need inter-departmental support.
- It is really important to learn from the mistakes. Go from test bed to pilots that are scaled up incrementally (e.g., to 10 communities). Monitor and evaluate continuously and reflect before scaling further.
- Approaches like the Ambassador Programme show engagement and transition in action and could be replicated on a broad scale.

Emerging impacts

CORCA DHUIBHNE / DINGLE PENINSULA 2030

EMERGING IMPACTS

FEEDBACK CARD 2 OF 4 IN SERIES

A Test Bed	An Exemplar
A Model of Good Practice	

A Model of Good Practice

- Dingle Peninsula 2030 has brought a positive energy to trialing solutions.
- It is a great test bed, a practical model, an exemplar in involving community and working across sectors.
- We can learn a lot from Dingle, they are ahead of many of us, they had very good backers and have great champions.
- The Ambassador project was particularly good for residents, ESB Networks and research.
- Dingle is excellent because it is structured, supported and provides integrated learning and many outputs.

“ It was really challenging to get it (the project) off the ground, probably more challenging than they thought. I think they found until they brought it in... the local disruption, it was really hard to get traction. ”

An Exemplar for Rural Communities

- Dingle Peninsula 2030 is a test case for rural Ireland.
- It is an exemplar of what rural communities can do – acknowledging it had the right people in the right place at the right time.
- It connects rural development strategies with sustainable development.
- It is an holistic approach to rural development - bringing sectors together to create this overarching vision and communicating it to policy makers, agencies and Government departments.

An Exemplar of Engaged Research

- We see the initiative at a fairly high level. We talk about it as an example of engaged research, a cutting-edge project.
- Trialling the research in real time with an engaged community enhances the chances of coming up with useful solutions.

Learnings

CORCA DHUIBHNE / DINGLE PENINSULA 2030

LEARNINGS

FEEDBACK CARD 3 OF 4 IN SERIES

Innovative	Cross-Sectoral
Community Engagement	


An Innovative Cross-Sector Approach

- Dingle Peninsula 2030 has done a superb job in their communication and involving influential partners. Having state actors involved like ESB Networks and the MaREI Centre adds credibility.
- It’s the ability of the project to bring different sectors together and show how they work, and their combined impact, that makes the initiative very innovative.
- Being in a contained geographic location where you can have more interactions, and maybe more impact, makes it a very interesting project.
- Dingle highlighted to us that working on a regional and sectoral basis makes much more sense, as large scale and many types of transitions are required. Also, you have to get the messages right and bring people with you.
- The project has been very open and inclusive and open to collaboration – all agencies can learn from that.


A Strong Local Community Effort

- Dingle Peninsula 2030 is a deeper level of engagement, going out to where people are at, facilitating their views, their busy lives and putting structures in place to do that. Engagement has to be iterative, meaningful and ongoing. It’s engaging by doing. It’s a continuous two-way dialogue.
- The idea of community involvement in thinking about the problem is a clear strength.
- I was most impressed by the idea of sharing information between the Ambassadors and the rest of the community.
- A stand-out is the engagement of the farming community.
- It’s so important to hear the voices of the people who have been engaging and how we’re all going to work together to solve this big challenge.
- The Community Energy Mentor course was very powerful, knowing that local people were that interested in getting involved.
- Nothing works as well as a demo project. The strategic preparation and selection process of the Ambassador Programme was key to its success. The project got buy-in, reflection and real engagement.

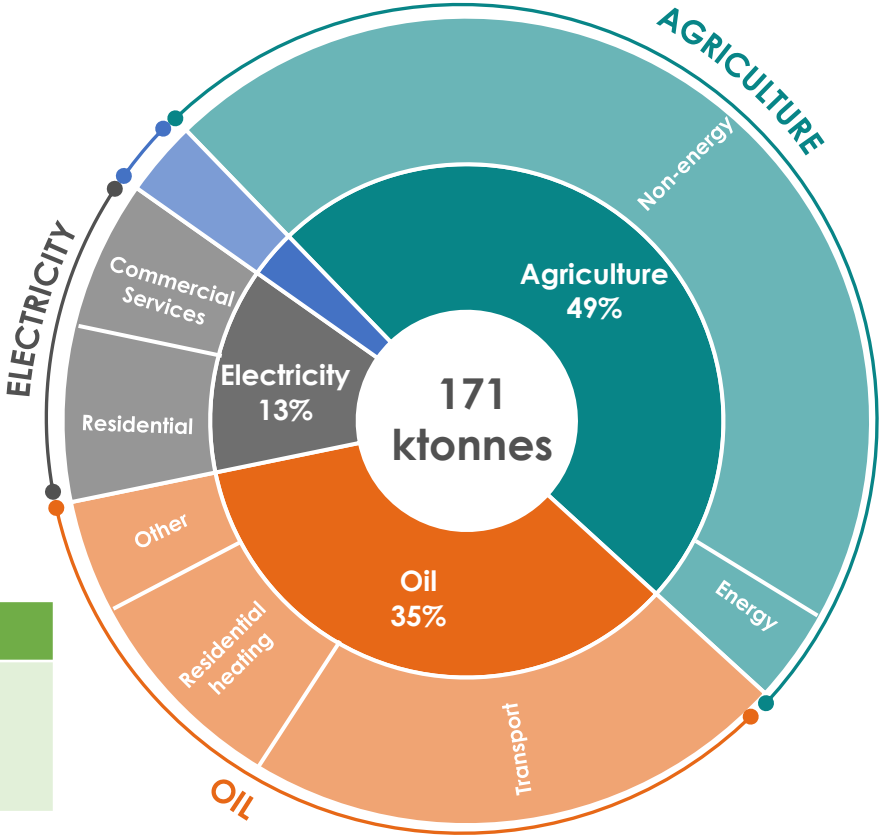
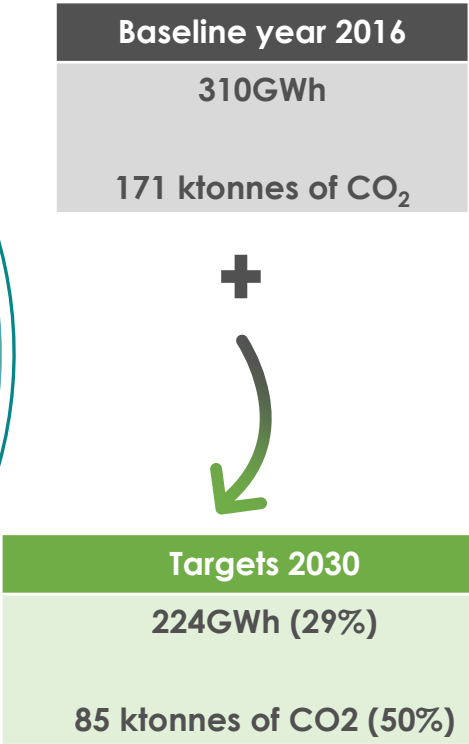
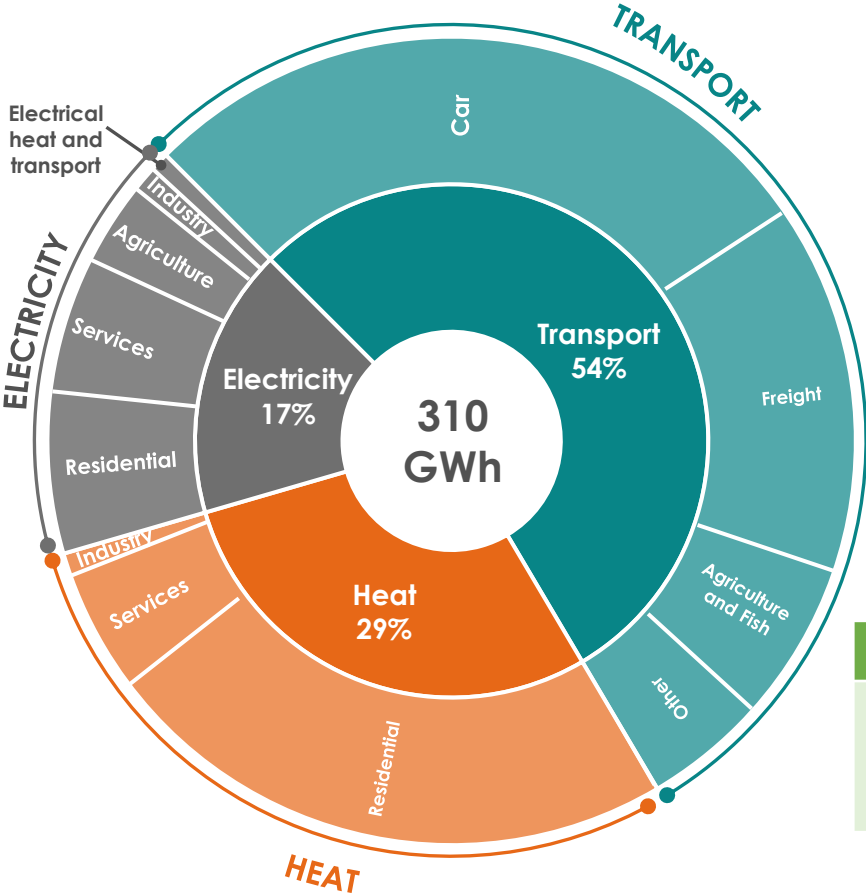
“ I had concerns at the beginning because there was an initial bit of ‘suits’ professional people swarming around and not community. So, at the beginning I was worried about community engagement and community outcomes. What really helped was the role of the Hub and community engagement officers (ESB and MaREI) who helped bridge and develop a partnership approach. ”




SP2
Create strategic antecedents with 3 thematic pillars




Our starting point was the Energy Master Plan with baseline data taken from 2016

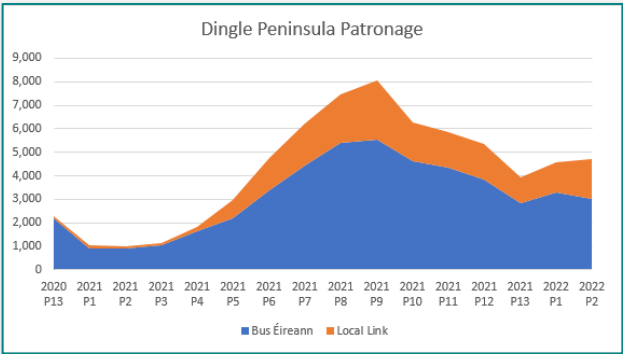
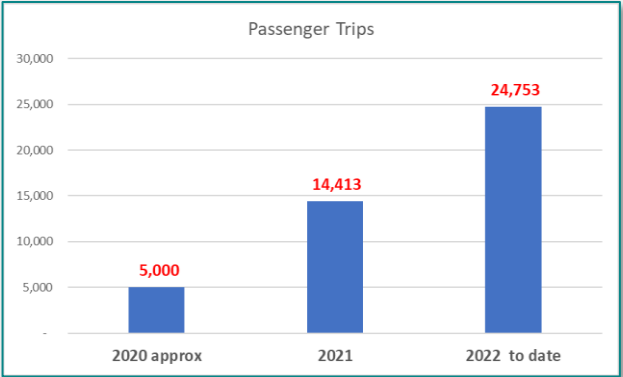




SP2
Create strategic antecedents with 3 thematic pillars




The sustainability pillar in action – Recent Public Transport improvements.

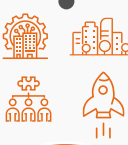



Breadth of benefits

Community wellbeing of enhanced access and reduced isolation | Sustainable Transport
Socioeconomic development | Tourism experience enhancement



SP2
Create strategic antecedents with 3 thematic pillars

The sustainability pillar in action – Sustainable Mobility Pathfinder

Target: 1,270 additional daily walking, cycling and public transport journeys



Key Objective: Reverse the trend towards multi-car households



Marketing

Customising national campaigns **so they work locally**. **Empower people** by communicating impacts of their daily choices on emissions reductions.

Evaluation

Monitor **behavioural changes** and **carbon emissions reductions**. Baseline data available

Public Transport

Increase services on and leaving Dingle Peninsula to better suit citizens who already enjoy the benefit of Local Link. **Leverage technology** e.g. solar PV to power community notice boards at bus shelters, online access to real-time information.

Electric / Low Carbon vehicles

Public Buses to go electric and charging points to be installed for private buses and cars. **Promote use** of e-bikes, e-scooters and leverage success of ESB Networks Dingle Project to highlight advantages of EV. Develop local transport **market for biogas**

Personal Mobility

Structural improvements to infrastructure and **initiatives** to encourage more cycling, walking, car-pooling and car-sharing.



An Roinn Iompair
Department of Transport



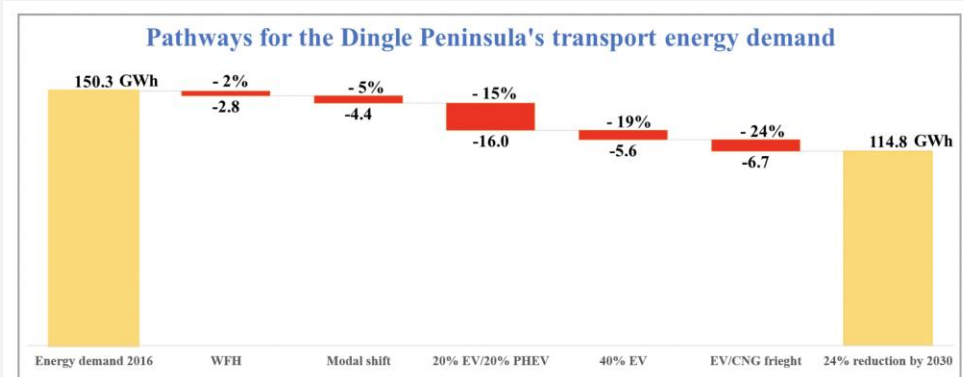


Figure 9 - Pathways for the Dingle Peninsula's transport sector energy demand

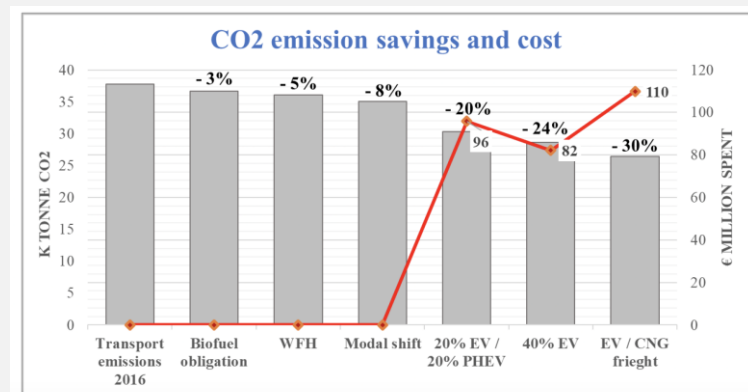


Figure 10 - CO2 savings and cost of measures in the transport sector

Source: Dingle Peninsula SEC: Energy Masterplan



An Roinn Iompair
Department of Transport



Go raibh maith agaibh



Thank you