







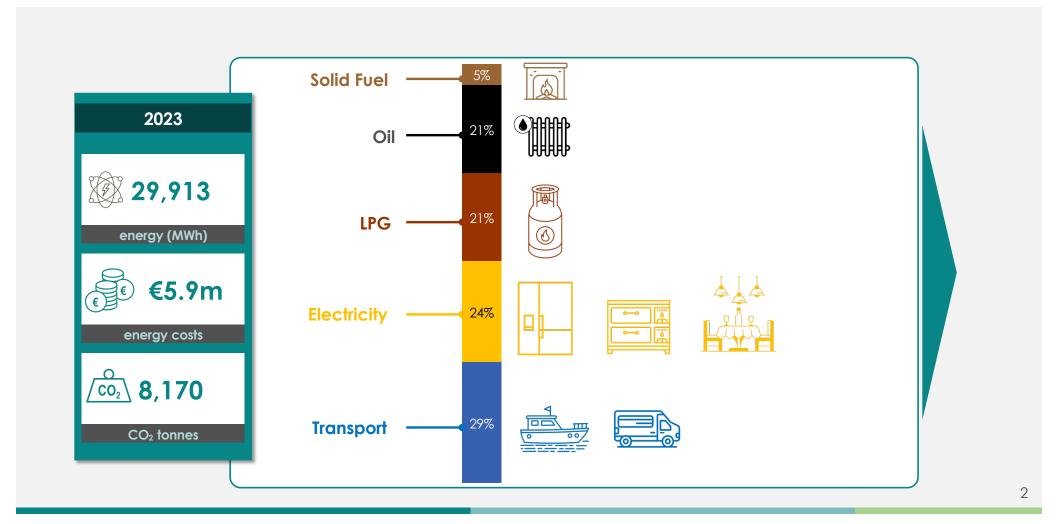








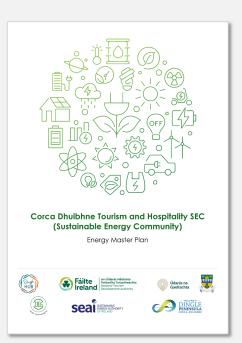
Corca Dhuibhne Tourism and Hospitality Energy Baseline Where we are

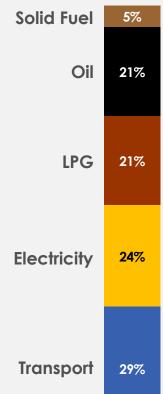


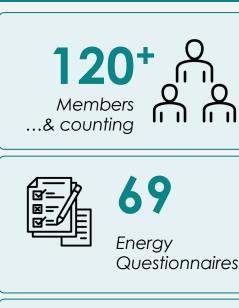
Corca Dhuibhne Tourism and Hospitality Energy Baseline Energy Master Plan Metrics

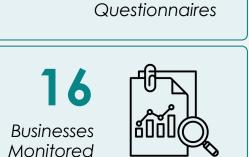


Sustainable Energy Community in numbers

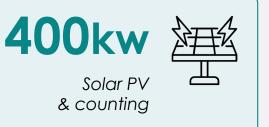












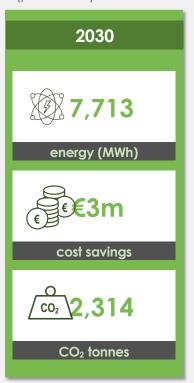


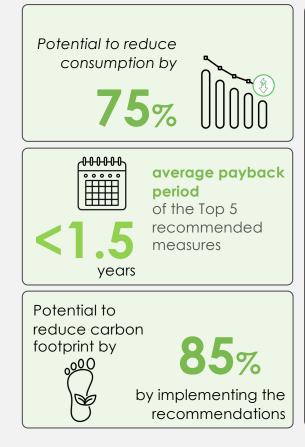
Corca Dhuibhne Tourism and Hospitality Sustainable Energy Community Where we can go



115 Energy Efficiencies identified

Targets (per annum)







Key points from EMP What have we learned



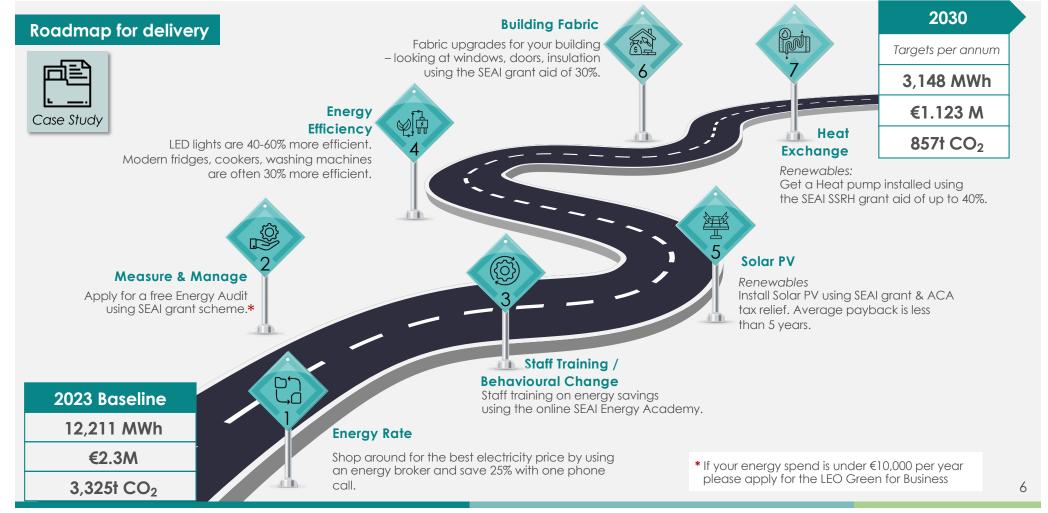






Sectoral Guidance: Hotels, Guesthouses and B&Bs









Case Study: Hotels, Guesthouses and B&Bs



Case Study 2

Business type

A 13-bedroom guesthouse in Dingle town

Date joined SEC March 2023



Energy Rate

Using the SEC's recommended energy broker, they changed energy providers and saved 30% of electricity costs with one phone call.



Measure & Manage

As part of the project, an energy monitor was installed in the property. This not only allowed them to keep track of their energy consumption but also showed that the washing machine and dryer were working inefficiently.

In September 2024, an application was made for the LEO Energy Efficiency grant. As a SEAI Energy Audit had already been conducted, the application for the grant could proceed immediately.

A new A+ washing machine and dryer were bought for €14,000. A reimbursement of €10,000 will be received via the LEO grant. The tumble dryer and washing machine are 50% and 30% more efficient, respectively.





October 2023 –signed up for the Sustainable **Energy Community Solar PV Meitheal.**

8kWp of solar PV was installed in March 2024. This meets 50% of their electricity requirement with a payback of 4 years.





Building Fabric

New triple glazing windows were installed in the bedrooms facing the road.

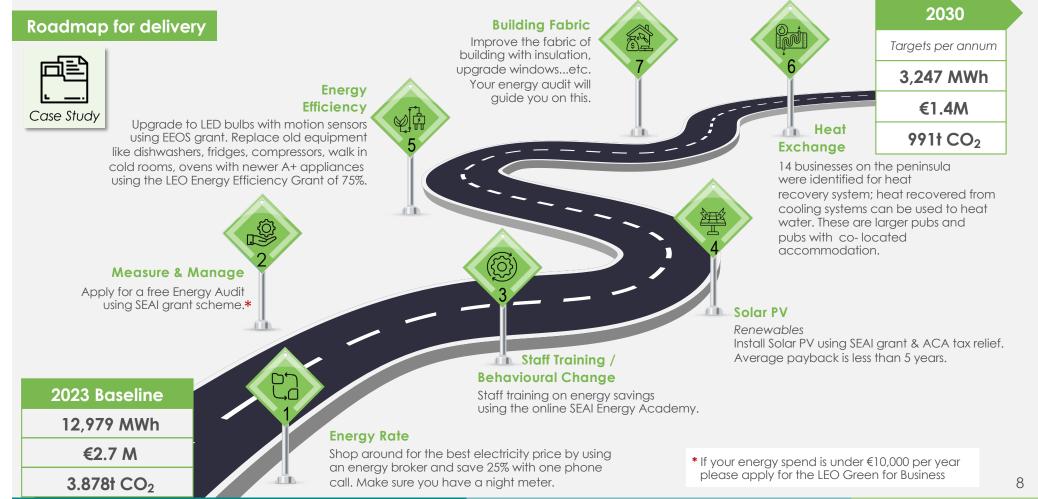
This has reduced the heating bill and the noise from the main road.





Sectoral Guidance: Restaurants & Pubs







Case Study: Restaurants & Pubs



Case Study 2

Business type

Busy bar/restaurant in a rural location

Date joined SEC March 2023



Measure & Manage

This business undertook an SEAI energy audit.

This audit **revealed a clear path** to improve the building's energy efficiency.



Building Fabric

One of the first steps taken from the audit was to install roof insulation; greatly improving the fabric of the building.

This saves the business €1,000 per year with a payback of 9 years and makes place comfortable for customers.





Solar PV

As part of the SEC Solar PV Meitheal, 30 kWp of solar panels were installed on the roof.

This solar PV meets 40% of the bar/ restaurant's electricity needs.

With a payback of less than 4 years, the energy savings are immediate.





EV Charging

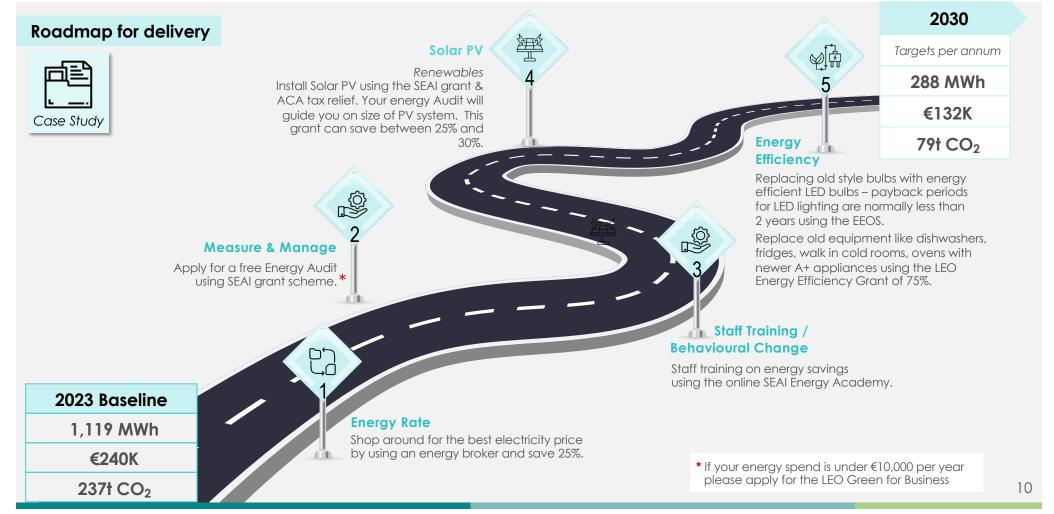
They plan to install two 11kVA EV chargers, enabling the business to offer car charging to customer while they enjoy lunch or dinner at the bar/restaurant.

This is an **extra revenue stream** for this business.



Sectoral Guidance: Café & coffee shop







Case Study: Cafés & Coffee shops





Case Study 3

Business type

Small Café / Coffee shop

Date joined SEC March 2023



Measure & Manage

This business undertook an SEAI energy audit.

The audit advised that the standalone fridges were running inefficiently.

The audit also advised them to install Solar PV.



In April 2024, they installed 11kWp Solar PV and this amounted to 33% of their energy demand and payback of 4.5 years.



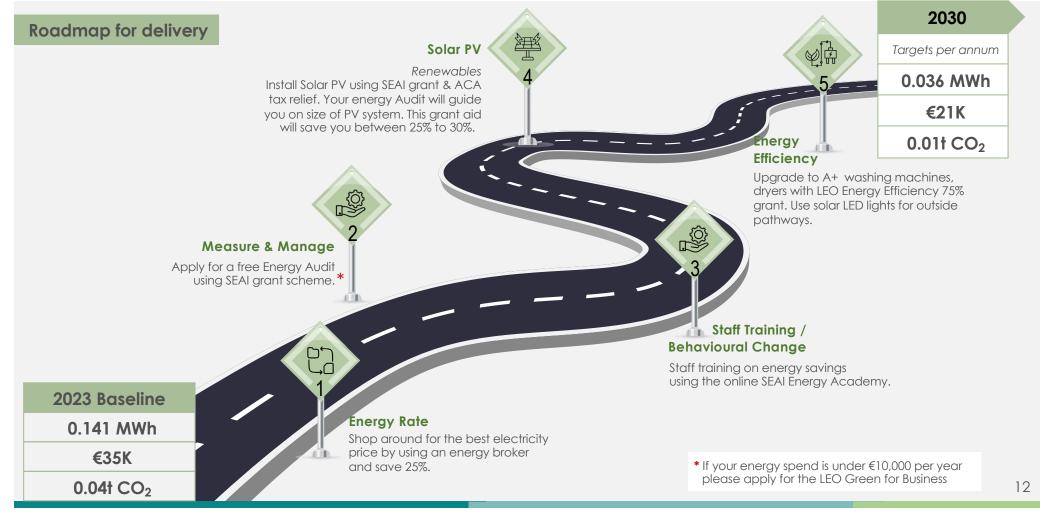
In 2025 they plan on **upgrading the refrigeration** and will avail of the LEO Energy Efficiency grant.

The new refrigeration will be 30% more efficient. As they have completed their SEAI energy audit, they can apply for the LEO grant straight away.



Sectoral Guidance: Campsite

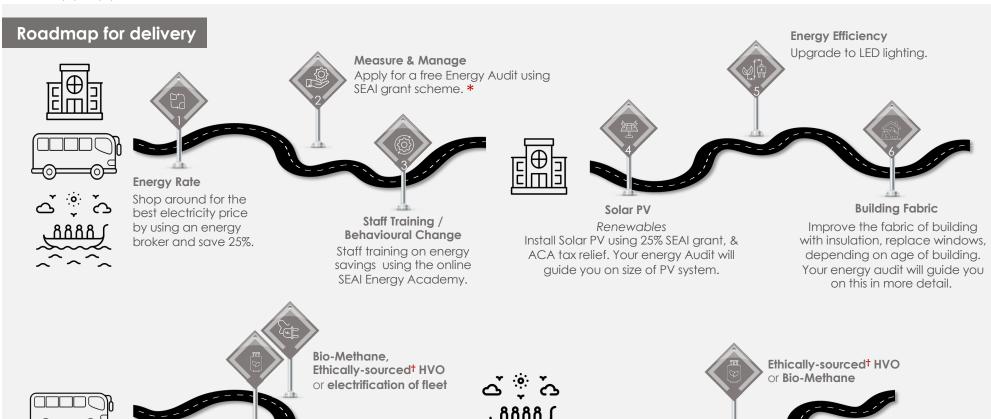






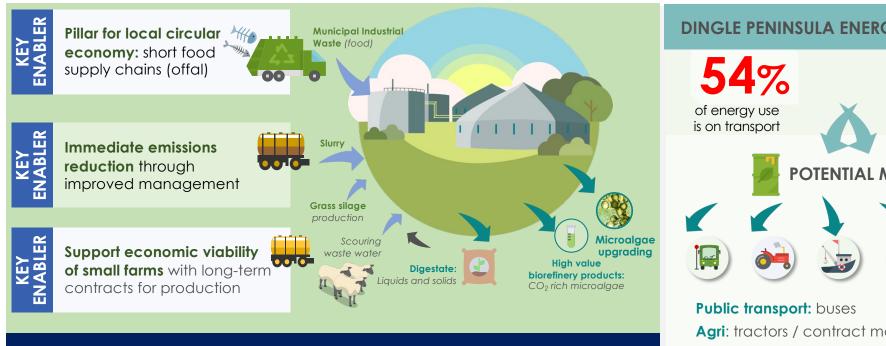
Sectoral Guidance: Activity Provider





^{*} If your energy spend is under 10,000 per year please apply for the LEO Green for Business

Opportunity for Anaerobic Digestion and co-located biorefinery – a key enabler for rural deep decarbonisation within a regenerative eco-system



Biomethane use in transport vehicles provides HIGHEST CARBON REDUCTION of all renewable fuels

CHALLENGES



Need to develop sustainable transport using locally produced fuel

- o Forecourt refuelling
- Duel=fuel vehicle conversion





Enablina community investment

DINGLE PENINSULA ENERGY MASTERPLAN

of emissions are from Agriculture

POTENTIAL MARKET:









Agri: tractors / contract machinery

Tourism: cooking and transport

Marine: tour & fishing boats

Commercial: van and truck fleets

KEY ENABLER

Replaces fossil fuels

with green energy

EV Charging for businesses on the Dingle Peninsula

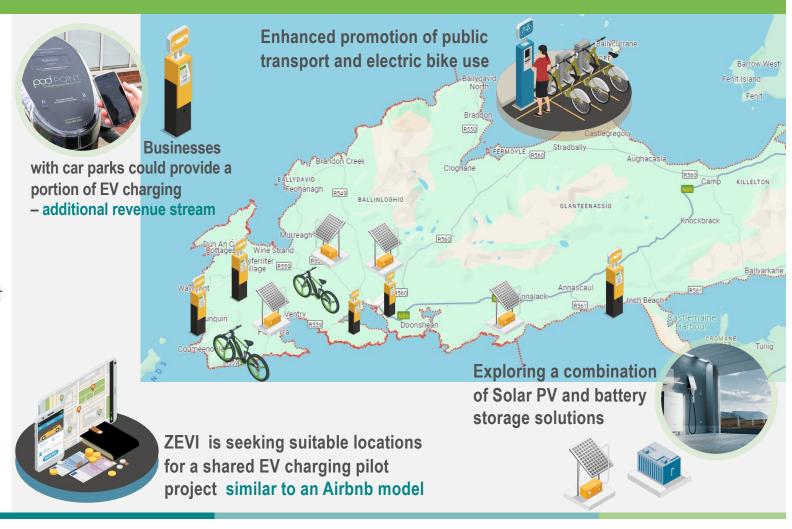


The Climate Action Plan target is to have

30%

of Irish private car fleet electric by 2030.

This will be a challenge for the peninsula and is important to look at innovative solutions



What's next to move into **ACTION** from our Energy Master Plan?



Collective POWER

businesses participated in Solar PV Meitheal

20% discount achieved by working together

25% SEAI grant available

4yr Payback time

SEAI expertise accessed to assess the quality of the technical specification of tenders

Extensive sales aftercare package negotiated

A new platform we want to develop with you to support you on your journey, to save you time, money and energy.



Today, we are launching
our second Solar PV Meitheal,
interested can sign up today.

2-hr Winter Workshops on
20th November - morning and afternoon
session on food waste
session on food waste



r: Enabling Energy Resilience for Communities



26 Partners | 6 field pilots | 3 focus sectors: Tourism, Agriculture, Transport



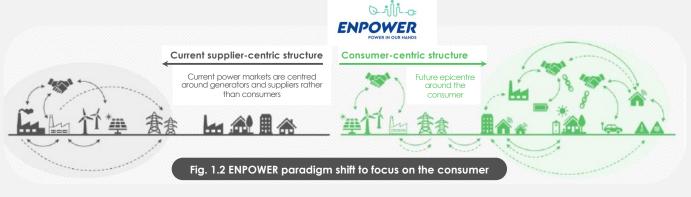






Horizon Europe-funded Project

- Objective: to promote consumers activation and community-level aggregation, in order to increase local (and system-level) energy efficiency, while at the same time aiming at increasing local security of supply.
- Using a social science and humanities (SSH) approach and a suitable digital platform, Citizen Renewable Platform (CRP), can assist citizens on their journey to becoming active energy citizens



















SME's, Communities, Citizens

Privacy, Security and Consent



Opportunities



Mass Tendering



Cost Saving



Continuous improvement



Findings from the EMP



115 specific opportunities

What next

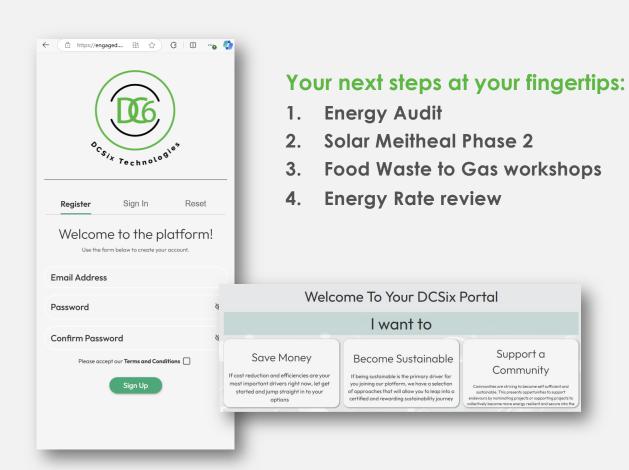
How to help

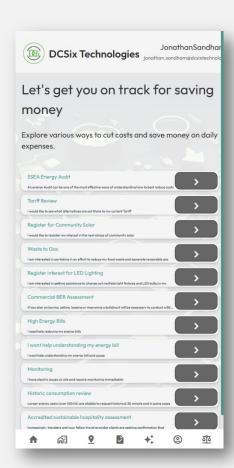
Identifying campaigns

| | | E | stimated Ann | nual Savings | s | | | l | l I | 1 | | | | Optional Opportunity Prioritisation | | | | | |
|---|---------------|--------------------|----------------|--------------|--------------------|------------------------|---------------------------|----------------------|---|-----------------|--------|---------------|----------|-------------------------------------|---|------------|-------|----------------|------------------|
| of Opportunity | | Ī | J | aut out mg. | | | Electrical / Thermal / | Turna | Additional Information / Comments | Date Entered | Status | Cost Range | | | Prioritisation Scores (all out of 100) Overal | | | | |
| | | Fuel Type | [kWh] | [6] | [kgCO2] | Category | | | | | | | Capital | Simple | | | | | Priority Ranking |
| v | ~ | ~ | ~ | ~ | ~ | ~ | Fleet | ~ | ~ | ~ | ~ | ~ | Cost | ▼ ayuacı | Simple Project Payba Cos Cos | Inconvenie | nce 🔻 | Other Benefits | → (out of 100) → |
| Draught proof and improve insulation in attic | | Oil | 4,950 | €598 | 1,350.0 | Technical | Thermal | B&B | Communities grant | | | | €4,000 | | | | | | |
| 2 Replace all external doors | | Oil | 880 | €132 | 240.0 | Technical | Thermal | B&B | | | | | €3,000 | | | | | | |
| 33 Improve heating controls with zone stats | | Oil | 1,650 | €199 | 450.0 | Technical | Electrical | B&B | | | | | €1,500 | | | | | | |
| 04 Heat recovery System | | Oil | 4,125 | €500 | 1,130.0 | Technical | Electrical | B&B | Support Scheme for Renewable Heat | | | | €6,000 | | | | | | |
| D5 Lag heating pipes in hot press | | Oil | 700 | €85 | 190.0 | Technical | Thermal | B&B | | | | | €40 | | | | | | |
| 06 Install ASHP for space and water heating | | Oil | 18,208 | €940 | 4,980.0 | Technical | Thermal | B&B | Support Scheme for Renewable Heat | | | | €15,000 | | | | | | |
| 07 Install biomass boiler | | Oil | | €1,100 | 0.0 | Technical | Thermal | B&B | Support Scheme for Renewable Heat | | | | €15,000 | | | | | | |
| 08 Complete LED conversion with presence detec | tion | Electricity | 2,875 | | 930.0 | Technical | Electrical | Visitor Attraction | | | | | €1,500 | | | | | | |
| 9 Replace front door and windows | | Electricity | 960 | €366 | 310.0 | Technical | Electrical | Visitor Attraction | | | | | €10,000 | | | | | | |
| 10 Insulate attic | | Electricity | 1,647 | €247 | 530.0 | Technical | | | Communities grant | | | | €15,000 | | | | | | |
| 11 Pump cavity | | Electricity | 1,630 | €244 | 530.0 | Technical | | | Communities grant | | | | €20,000 | | | | | | |
| 12 Replace dtorage heaters with additional bi-vale | | Electricity | 2,750 | €962 | 890.0 | | | Visitor Attraction | | | | | €15,000 | | | | | | |
| 13 Put in place an energy awareness plan model ra | | Electricity | 200 | €70 | 60.0 | | | Visitor Attraction | | | | | €0 | | | | | | |
| L4 Use existing bi-valent AC instead of storage hea | ting | Electricity | 1,607 | €401 | 520.0 | Technical | Electrical | Visitor Attraction | | | | | €0 | | | | | | |
| 1.5 Install high temperature heat pump for hot water | r | Oil | 62,853 | €1,887 | 17,200.0 | Technical | Thermal | BnB | Support Scheme for Renewable Heat | | | | €18,000 | | | | | | |
| 16 12 kVA solar | | Electricity | 10,874 | | 3,530.0 | | Electrical | BnB | Microgeneration scheme | | | | €21,600 | | | | | | |
| 17 Draught proof existing wooden window frames | | Oil | 3,555 | €426 | 970.0 | Technical | Electrical | BnB | | | | | €1,000 | | | | | | |
| 18 Turn off downlighters in hall at night and use tab | le lamps | Electricity | 1,350 | €445 | 440.0 | Technical | Electrical | BnB | | | | | €0 | | | | | | |
| 19 install ASHP for space heating with improvemen | ts to glazing | Oil | 58,760 | €4,827 | 16,800.0 | Technical | Electrical | BnB | Support Scheme for Renewable Heat | | | | €80,000 | | | | | | |
| 20 Centralised heating controls | | Oil | 71,118 | €711 | | Technical | Electrical | BnB | | | | | €2,000 | | | | | | |
| 21 Heat recovery from refrigeration compressors | | Oil | 3,240 | €486 | 890.0 | Technical | Electrical | Pub | Communities grant | | | | €3,000 | | | | | | |
| Upgrade refrigeration compressors to variable s compressors | peed | Electricity | 2,850 | €670 | 920.0 | Technical | Electrical | Pub | Communities grant | | | | €4,000 | | | | | | |
| 23 Replace oil boilers with condensing gas boiler | | Oil | 1,652 | €323 | 450.0 | Technical | Electrical | Pub | Accelerated Capital Allowance | | | | €4,000 | | | | | | |
| 24 Install 11kVA solar PV | | Electricity | 7,613 | | 2,470.0 | Technical | Electrical | Pub | Microgeneration scheme | | | | €22,000 | | | | | | |
| 25 Duct extractor outlets to blow across AC outdo | | Electricity | 10,247 | €2,320 | 3,330.0 | Technical | Electrical | Pub | | | | | €3,000 | | | | | | |
| Ensure redevelopment of kitchen meets or exce building regs for fabric performance | eds current | Electricity | 30,000 | €4,500 | 9,740.0 | Technical | Electrical | Pub | Accelerated Capital Allowance | | | | €200,000 | | | | | | |
| 27 Strip curtains on cold room doors | | Electricity | 456 | €155 | 150.0 | | Electrical | Restaurant | | | | | €100 | | | | | | |
| 28 change over to bulk gas | | LPG | 0 | €962 | 0.0 | Technical | Electrical | Restaurant | | | | | €500 | | | | | | |
| 29 use Bivalent AC for heating | | Electricity | 610 | €207 | 200.0 | Technical | Electrical | Restaurant | | | | | €0 | | | | | | |
| 30 Improve insulation in flat roof extension | | Electricity | 166 | €17 | 50.0 | Technical | Electrical | | Communities grant | | | | €15,000 | | | | | | |
| 31 SKw SOlar PV | | Electricity | 4,214 | | 1,370.0 | | Electrical | Restaurant | Microgeneration scheme | | | | €10,000 | | | | | | |
| Install 5Kw solar PV | | Electricity | 4,380 | €2,000 | 1,420.0 | Technical | Electrical | BnB | Microgeneration scheme | | | | €9,000 | | | | | | |
| Install heat pump for water and space heating | | LPG | 94,001 | €4,601 | 21,550.0 | Technical | Thermal | BnB | Support Scheme for Renewable Heat | | | | €30,000 | | | | | | |
| 84 Pump cavity | | LPG | 4,121 | €426 | 940.0 | Technical | Electrical | BnB | Communities grant | | | | 66,000 | | | | | | |
| 35 Improve attic insulation | | LPG | 6,556 | €678 | 1,500.0 | Technical | Electrical | BnB | Communities grant | | | | €5,000 | | | | | | |
| 36 Install triple glazing | | LPG | 2,248 | €233 | 520.0 | Technical | Electrical | BnB | Communities grant | | | | €40,000 | | | | | | |
| 37 employ energy broker | | Electricity | 0 | | 0.0 | Technical | Electrical | BnB | | | | | €20,000 | | | | | | |
| 8 11KV solar PV | | Electricity | 5,507 4,658 | €557 | 1,790.0 1,070.0 | Technical Technical | Electrical | Campsite | Microgeneration scheme | | | | €20,000 | | | | | | |
| 39 Install 1000L hot water storage, use excess sola | r to neat | LPG | 1,095 | €361 | 360.0 | | Thermal | Campsite | Communities grant | | | | €3,000 | | | | | | |
| Replace open display fridge with doored fridge | enter | Electricity LPG | 1,095 3,990 | €478 | 910.0 | | Electrical Thermal | Campsite Campsite | | | | | €3,000 | | | | | | |
| 1 heat recovery oo cold room compressor to hot v 2 charge electrical hook ups by KWh | ratel | Electricity | 3,990 | | 1,280.0 | Technical | Electrical | Campsite | | | | | €5,500 | | | | | | |
| 13 Upgrade refrigeration to cold room in upstairs st | nrade | Electricity | 18,000 | €7,122 | 5,840.0 | Technical | Electrical | Pub | Accelerated Capital Allowance | | | | €8,000 | | | | | | |
| 14 Heat recovery on upgraded refrigeration | | Electricity | 15,000 | €1.800 | 4,870.0 | | Electrical | Pub | Accelerated Capital Allowance | | | | €3,000 | | | | | | |
| Is Improve air flow to rads | | Oil | 5,000 | €600 | 1,370.0 | | Electrical | Pub | The Copper Part of the Copper | | | | €500 | | | | | | |
| 16 Convert outdoor electric heaters to gas | | Electricity | 0,000 | €3,359 | 0.0 | | Electrical | Pub | | | | | €2,500 | | | | | | |
| 7 Install occupancy sensing for lighting in transito | ry areas | Electricity | 430 | €170 | 140.0 | Technical | Electrical | Pub | | | | | €500 | | | | | | |
| 18 5kVA solar PV | , | Electricity | 4.353 | | 1,410.0 | Technical | Electrical | Pub | Microgeneration scheme | | | | €7,500 | | | | | | |
| 49 Complete LED conversion | | Electricity | 1,056 | | 340.0 | | Electrical | Pub | | | | | €1,000 | | | | | | |
| O Consolidate refrigeration | | Electricity | 2.095 | | 680.0 | | Electrical | Pub | Communities grant | | | | €3,000 | | | | | | |

The **Engaged** platform













Fáilte | An tÚdarás Náisiúnta | Forbartha Turasóireachta | National Tourism | Development Authority









