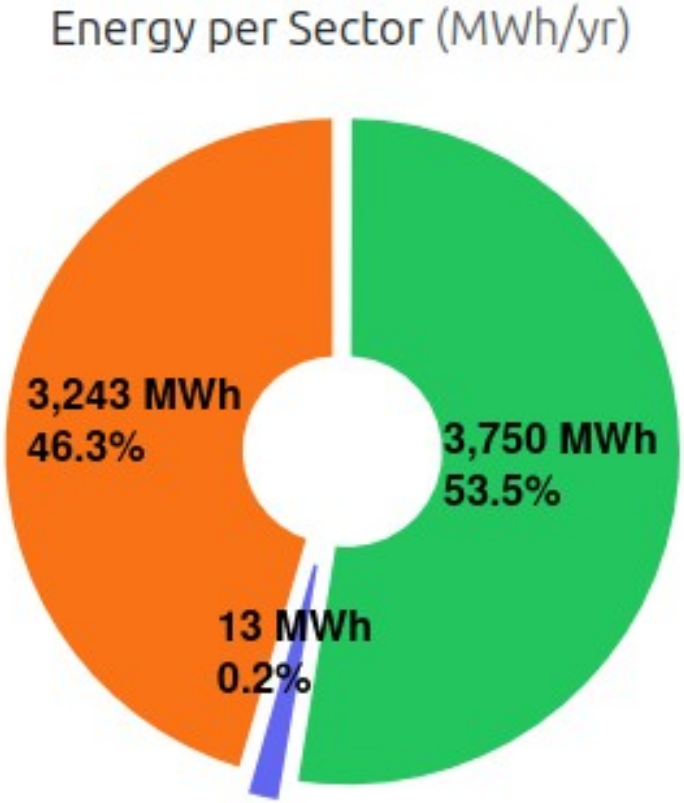
Energy Master Plan for Ballyvaughan SEC

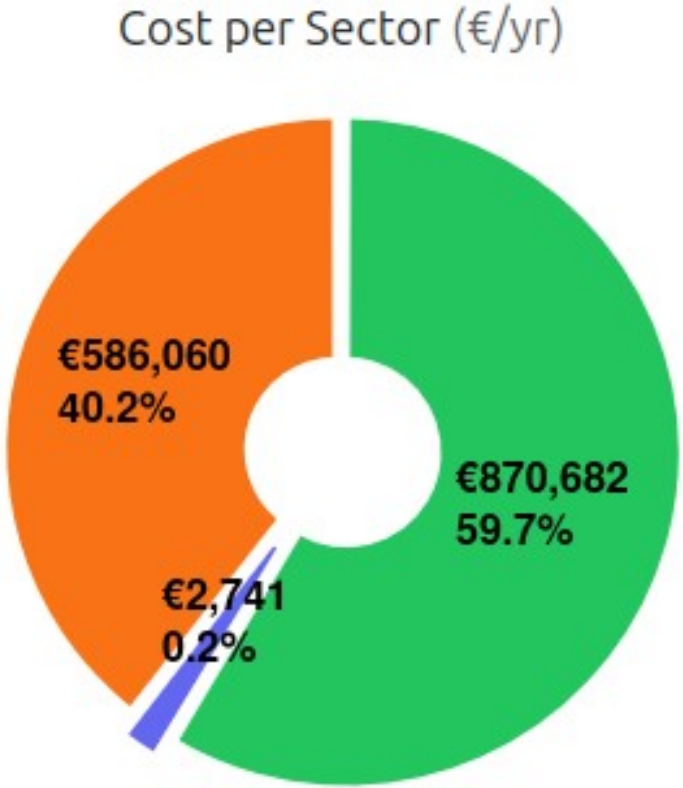


The Energy Master Plan for Ballyvaughan

- **Understand** the current energy usage in your homes and community buildings
- See what we can **improve**
  - Energy Upgrades (++ Efficiency)
  - Renewable Energy
- A plan to reduce energy usage, cost and emissions **by 50% by 2030**
- Funded by SEAI in the Sustainable Energy Communities scheme

Where are we today ?

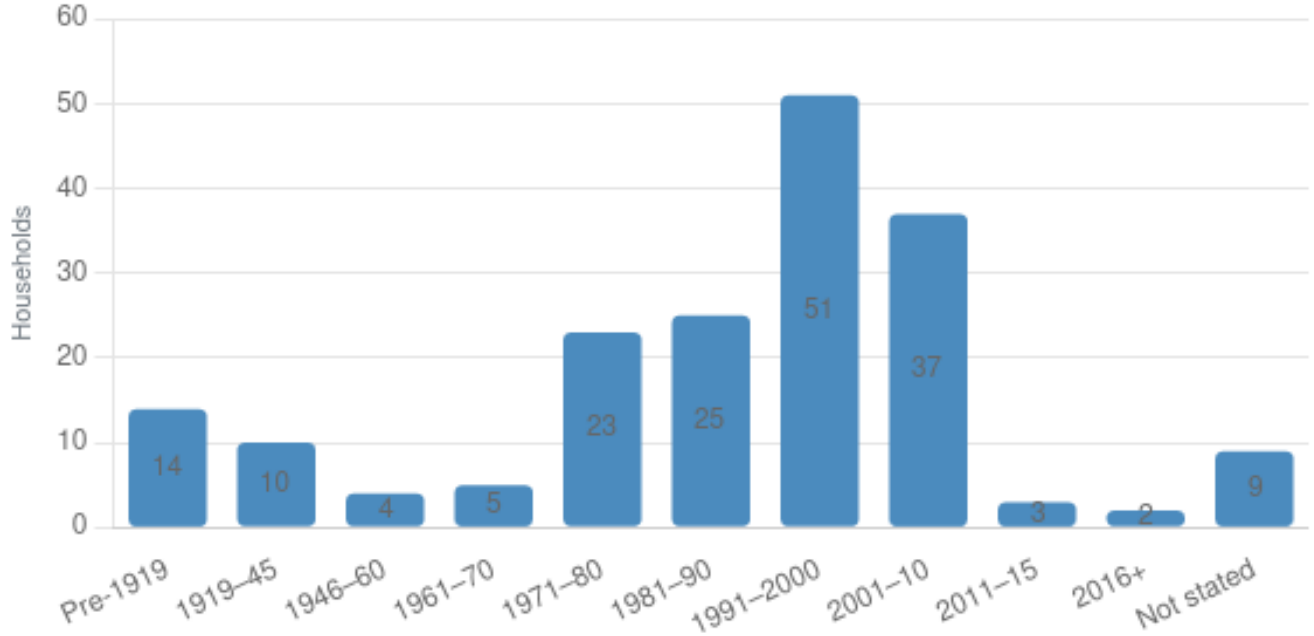




Residential Community Transport

Residential sector

- ~332 homes in the EMP area (~40% are vacant/holiday homes)
- Oil is by far the most common residential heating fuel (75%)
- The average estimated heating and electricity cost is €3387 per year



Residential Sector Actions

- 12 Energy Clinics in people's homes
- 10 Building Energy Ratings
- Public events on Switching Electricity Supplier and Solar PV

Findings

- People are keen to improve their homes for comfort and savings
- The grant systems are not always clear
- Finding installers is not always easy
- Most homes need the simple stuff
  - Attic insulation, wall insulation, doors , windows

Home Energy Advice

Warmer Homes Scheme

You could qualify for free attic and wall insulation, upgraded lighting and, potentially, new heating system, windows and doors

You will qualify if your house was built pre-2006 and you receive one of the following welfare payments:

- Fuel Allowance
- Job Seekers Allowance
- Working Family Payment
- One-Parent Family Payment
- Domiciliary Care Allowance
- Carers Allowance
- Disability Allowance

The process can take 18 months or more so the sooner you sign up, the better !

Full details

Apply online

Home Energy Advice

Heat Pumps

If you want to upgrade your heating system, electric heat pumps are an efficient option.

- Air to Water heat pumps are a drop-in replacement for an existing oil boiler and uses the same radiators and hot water tank.
- Air to Air heat pumps create warm air that is blown into one or more rooms (doesn't heat water)
- With a Solar PV system, you get security in case of a grid outage and cheaper electricity.
- SEAI give a grant of €6500 if the heat pump is installed as a single upgrade.
- If you do a number of upgrades with a One Stop Shop, this can increase to €10500
- You first need a Technical Assessment of your home to make sure the insulation is good enoug
  - This can cost ~€650 with a grant of €200

Full details

Find SEAI installers

Home Energy Advice

Supports for over 65's



CLARE CO.COUNCIL SUPPORT

- Funding is available for people over 65 to help them continue to live in their own home in comfort
- This funding is means tested but if you earn less than €37.5k then you may qualify for funding up to **€10,700**
- The kind of work that is funded is :
  - repair or replace the roof
  - upgrade the electrical wiring
  - repair or replace doors and windows
  - repair or provide a heating system

Full Details

Application form

HEALTHY AGE FRIENDLY HOMES

- a free service via Clare Co.Council for people over 65
- A Local Co-ordinator will call to your house and guide you through **all the different supports** that are available
- This includes supports from the Council & SEAI Energy grants
- It also covers many other schemes like Meals on Wheels, IT training, medical supports

Application form

CLARE COMMUNITY ENERGY AGENCY & BALLYVAUGHAN COMMUNITY DEV GROUP (U3A)

Home Energy Advice

SOLAR PV

Did you know that Solar PV panels allow you to generate your own electricity in a cost-effective way ?



FARMERS

There is a 60% TAMS grant for farmers and an installation on a farm can cover both the farm and home's electricity if they are on the same meter.

installers who egistered with on this map

CLARE COMMUNITY ENERGY AGENCY & BALLYVAUGHAN COMMUNITY DEV GROUP (U3A)

Home Energy Advice

Grants for Energy Upgrades

SEAI has grants for individual energy upgrades



You don't need to do loads of work in one go, you can go step by step.

Here are some of the grants for detached houses

Upgrade	Grant Amount
Attic Insulation	€1500 (~80% of cost)
Pumped Cavity Insulation	€1700 (~80% of cost)
Dry-lining Insulation	€4500
External Insulation	€8500
Heat Pump Air to Water	€6500
Heat Pump Air to Air	€3500
Heating Controls	€700

Full details of Grants

Find SEAI installers

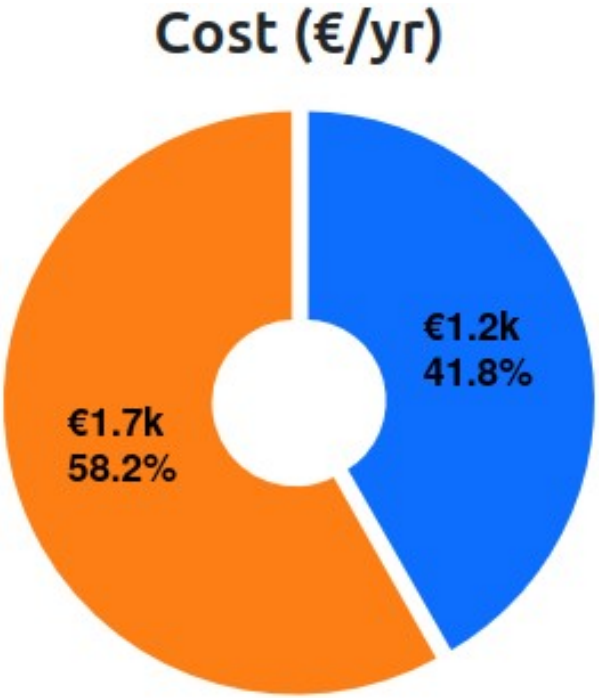
CLARE COMMUNITY ENERGY AGENCY & BALLYVAUGHAN COMMUNITY DEV GROUP (U3A)

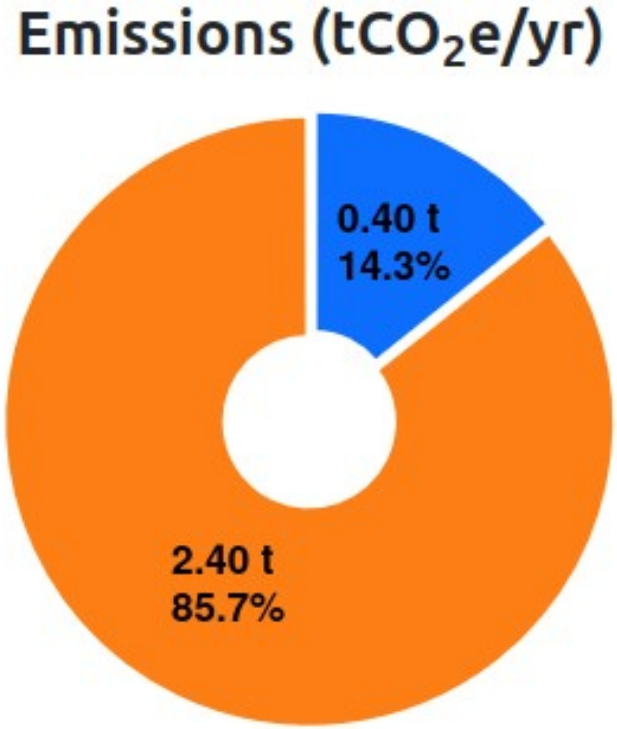
Link to installer map

https://www.clare-energy.ie/allinstallers

Energy Audits of Community Buildings

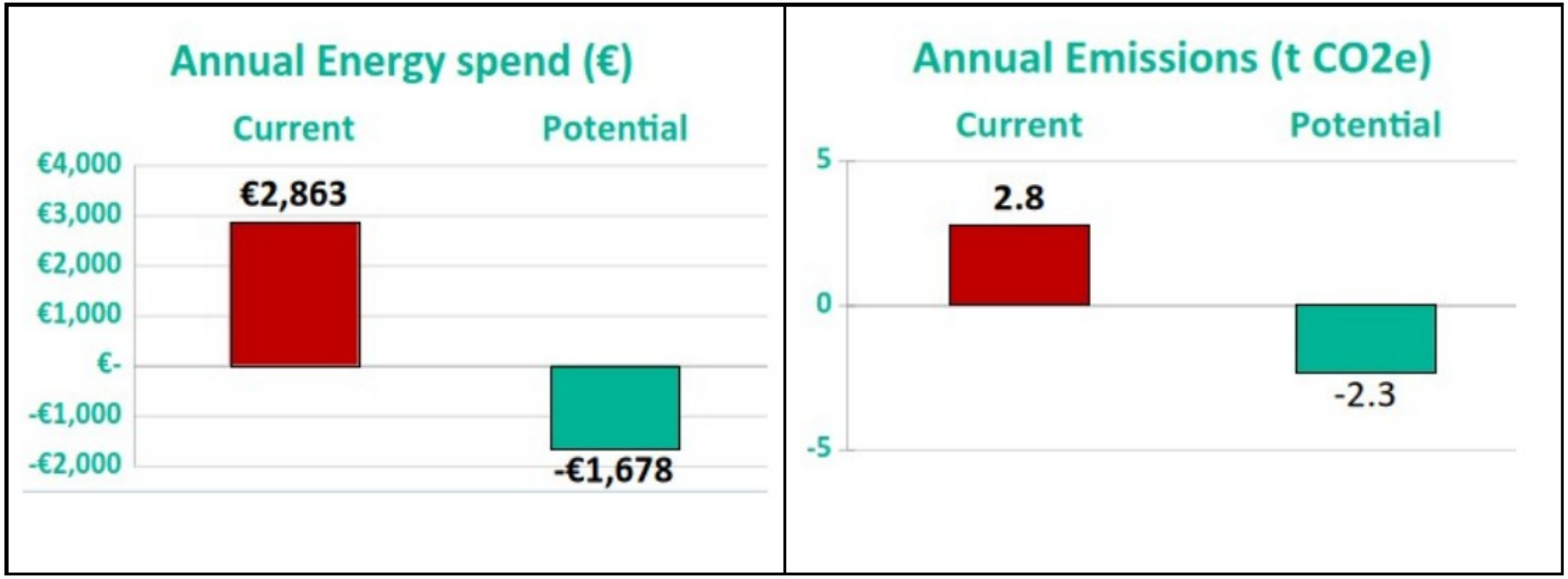
Village Hall





Electricity – Grid LPG

Village Hall Audit Results



- Solar PV : Create a Resilience hub
- Replace Gas Heater with Air to Air
- Improve insulation : Walls / Doors

Community Field Audit Results



- Solar PV : Create a Resilience hub
- Improved insulation of pipework

How can the Community play a part ?

- Support the Ballyvaughan Sustainable Energy Community (U3A)
- Promoting the SEAI grants that already exist
- Promoting Public Transport
- Promoting light transport when suitable

1. Insulate	2. Produce your own power	3. Replace Oil with heat pumps

