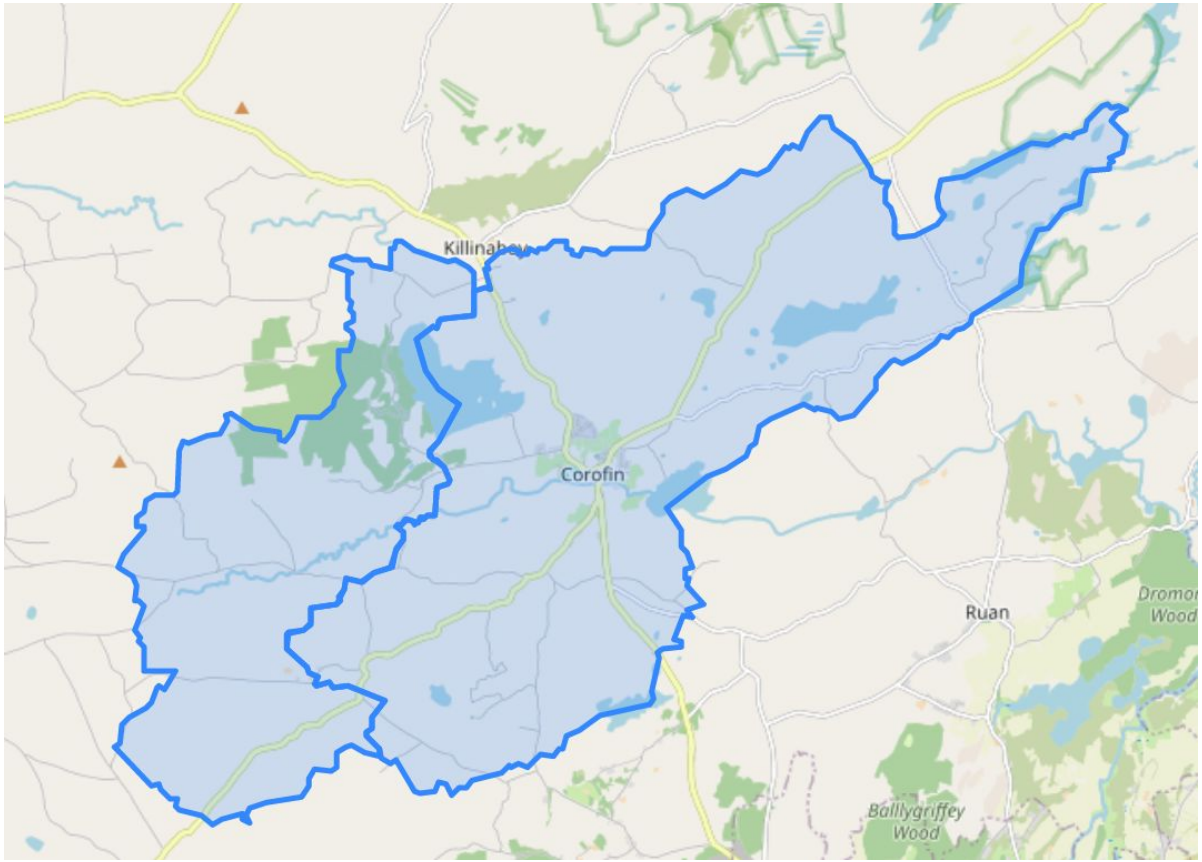
Energy Master Plan for Corofin SEC , Co. Clare

SUSTAINABLE ENERGY AUTHORITY OF IRELAND

CLARE COMMUNITY ENERGY AGENCY

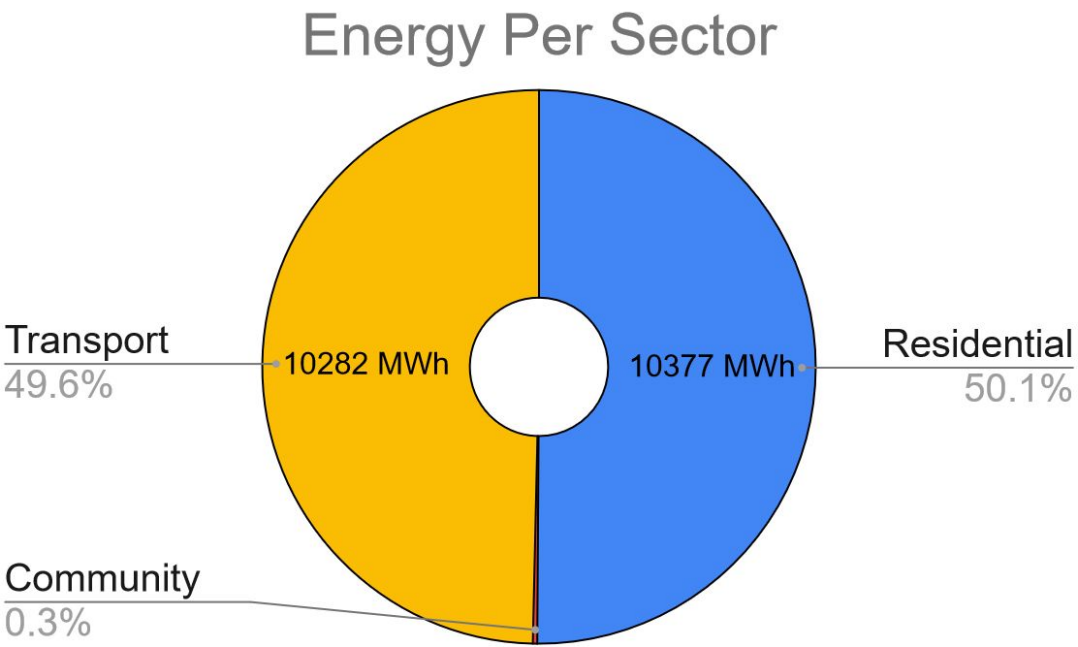
ecovision energy communities co-op



The Energy Master Plan for Corofin

- **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

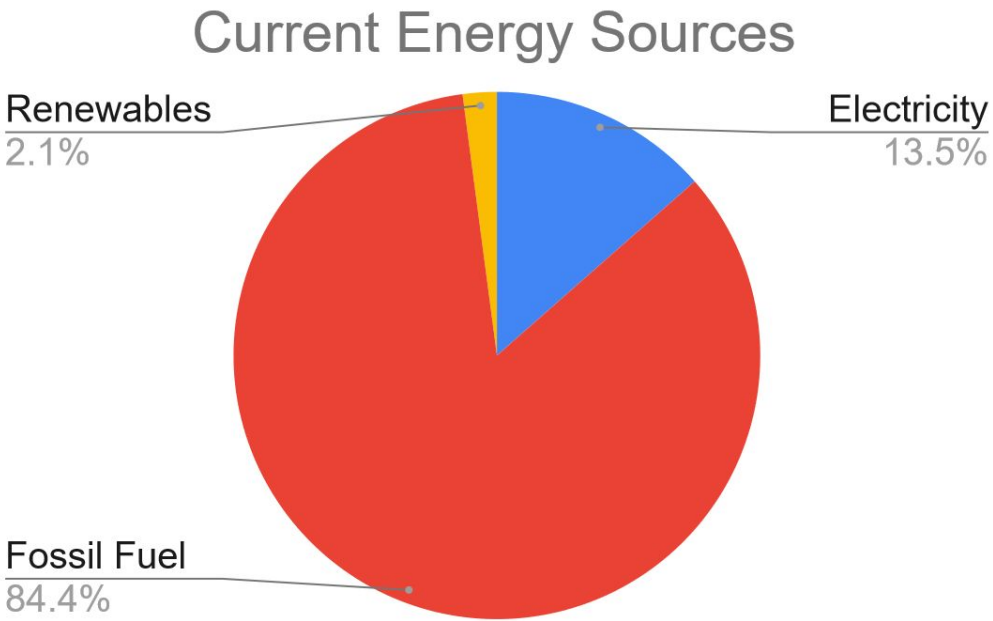
Where are we today ?



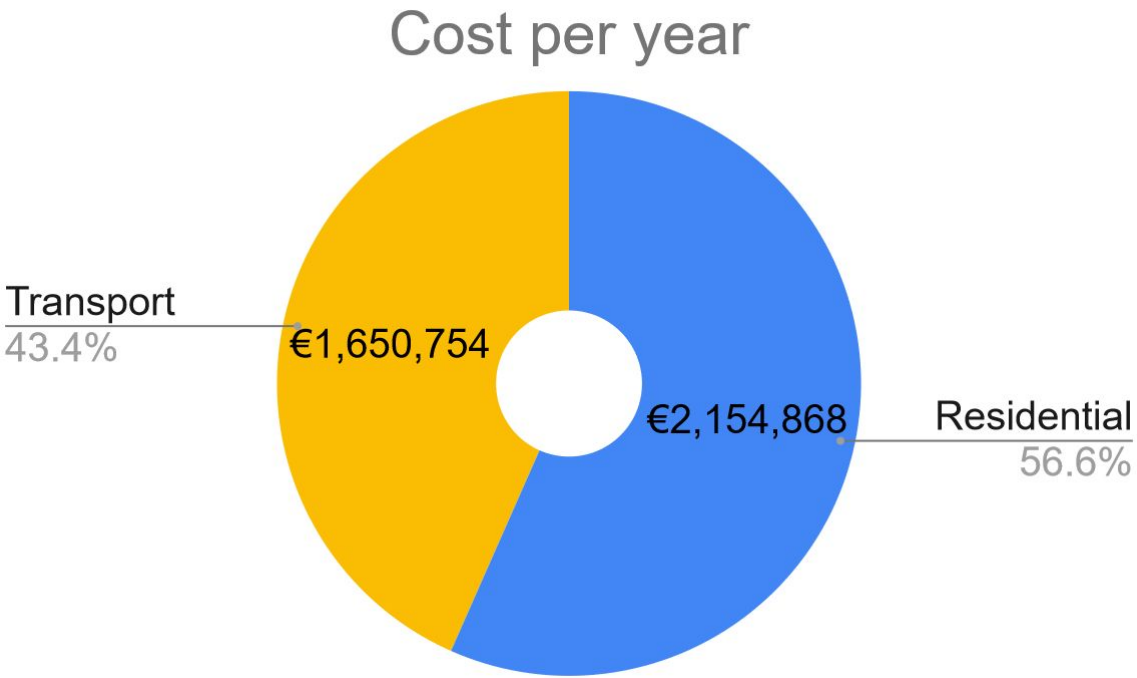
Same as ~2000 Fuel tanks per year, every year



Where is the energy from ?

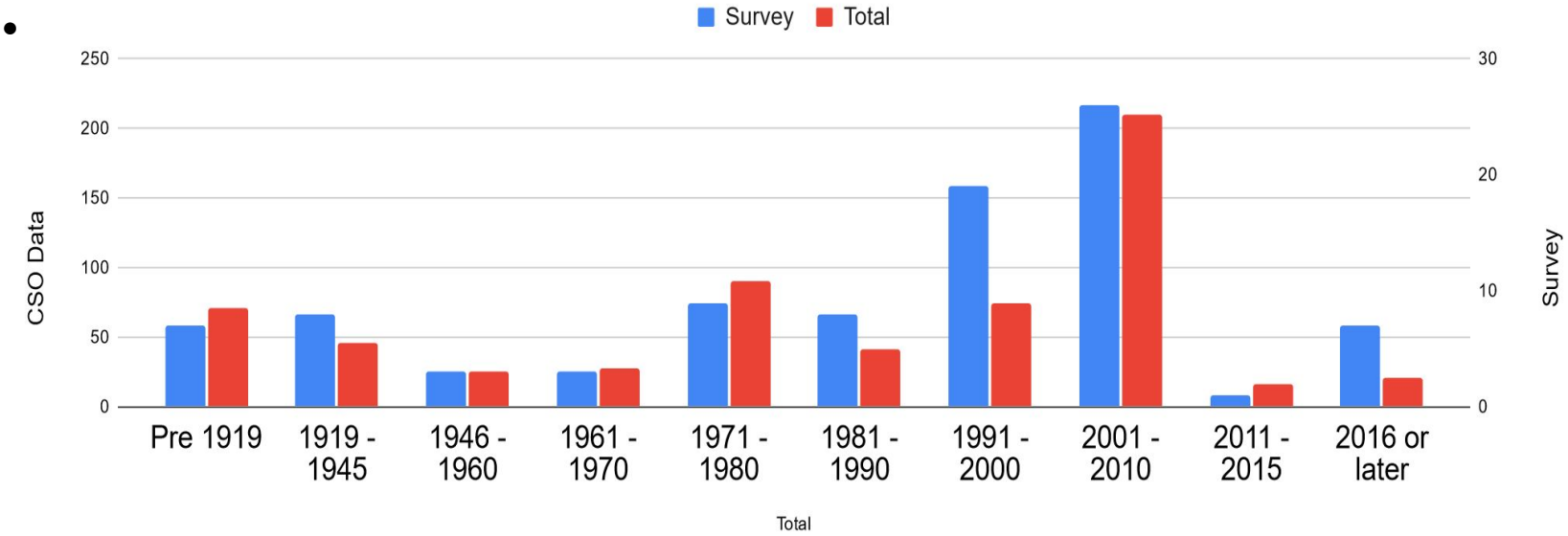


How much is it costing us ?



Focussing on the Residential sector

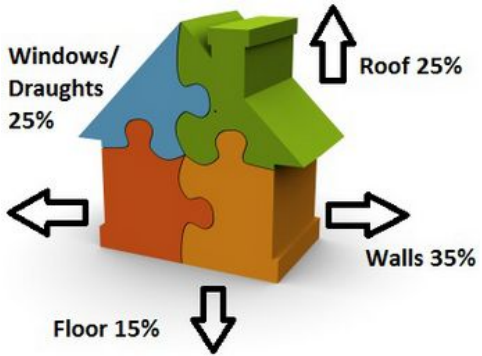
- ~650 permanently occupied homes in the EMP area
- Oil is by far the most common residential heating fuel (75%)
- 27.4% of houses in the community were built pre-1970
- The average estimated heating and electricity cost is €3387 per year
-



How can the Community play a part ?

- Support the Corofin Sustainable Energy Community
- Promoting the SEAI grants that already exist (Clinics and free BER's)
- Promoting the One Stop Shops that can manage the job for you
- Promoting the Fully Funded Energy Upgrades **(free if getting Fuel Allowance)**

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

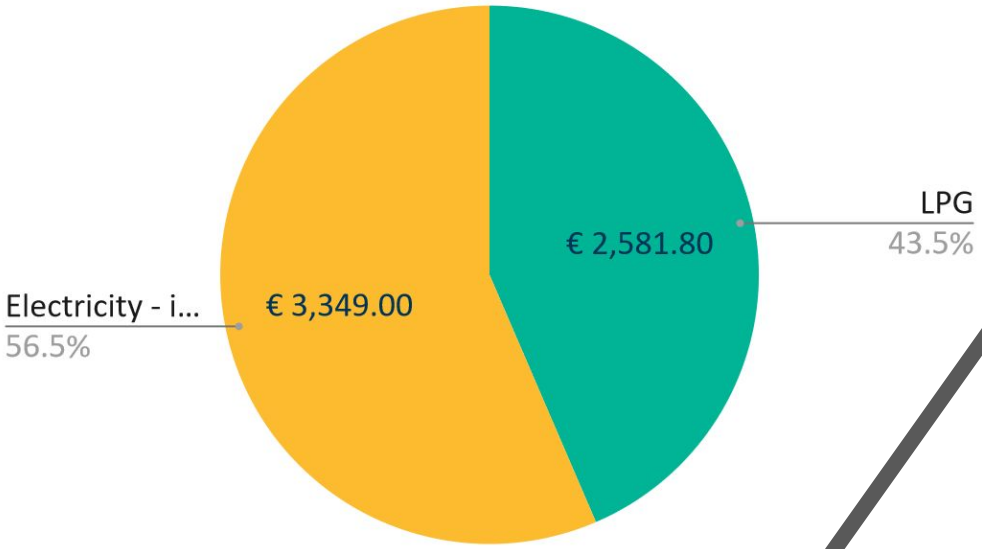






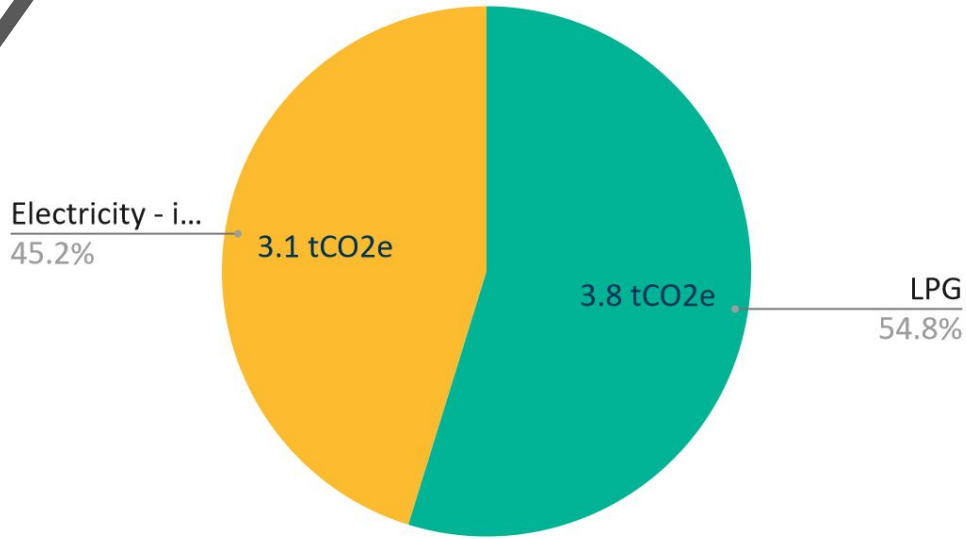
Energy Audits of Community Buildings

Costs Breakdown

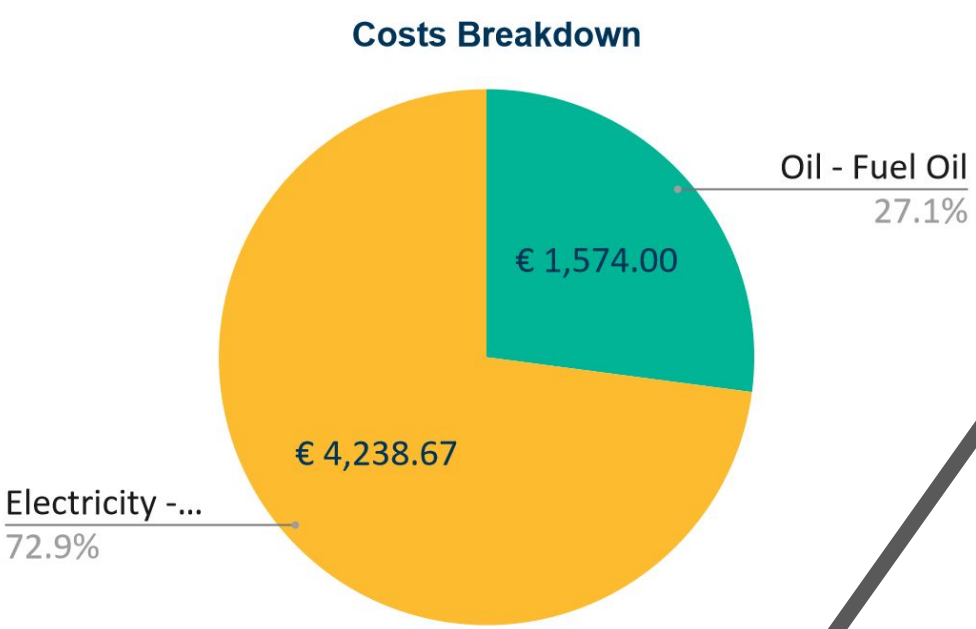


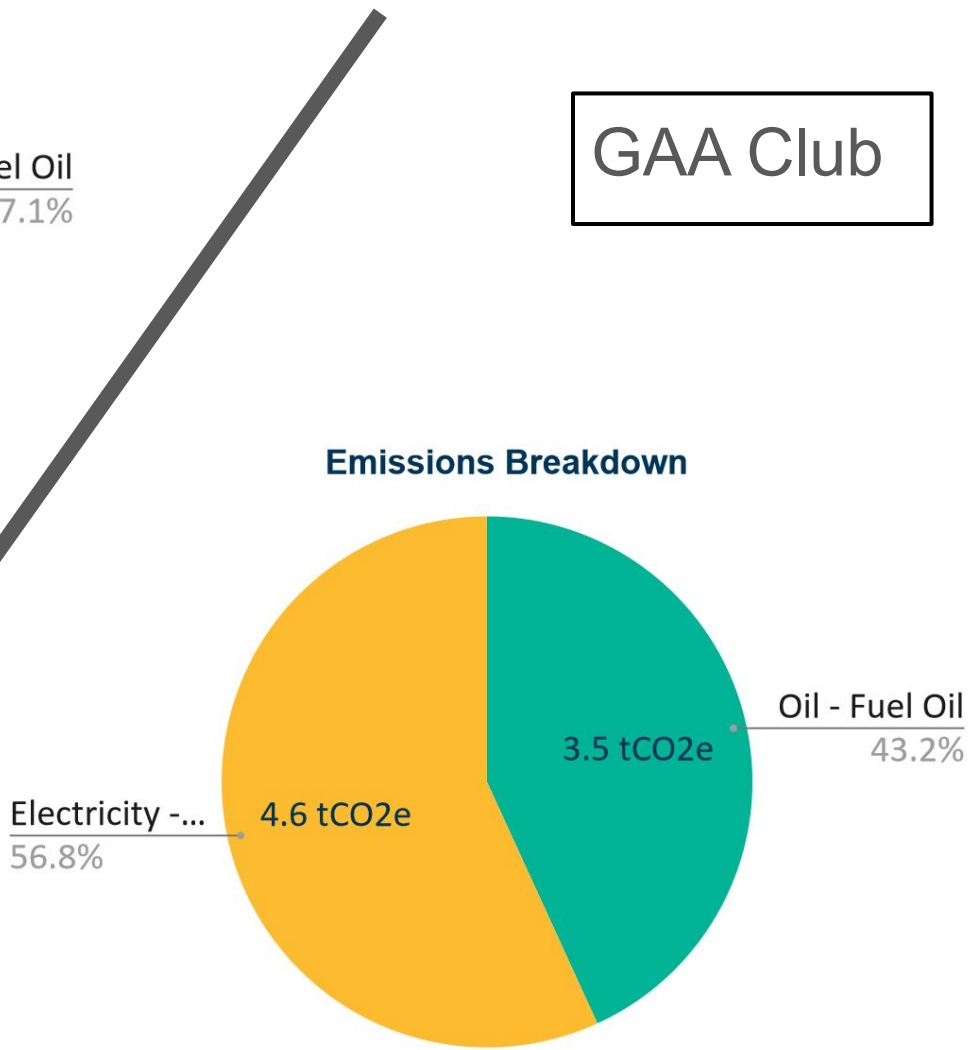
Hall

Emissions Breakdown



GAA Club

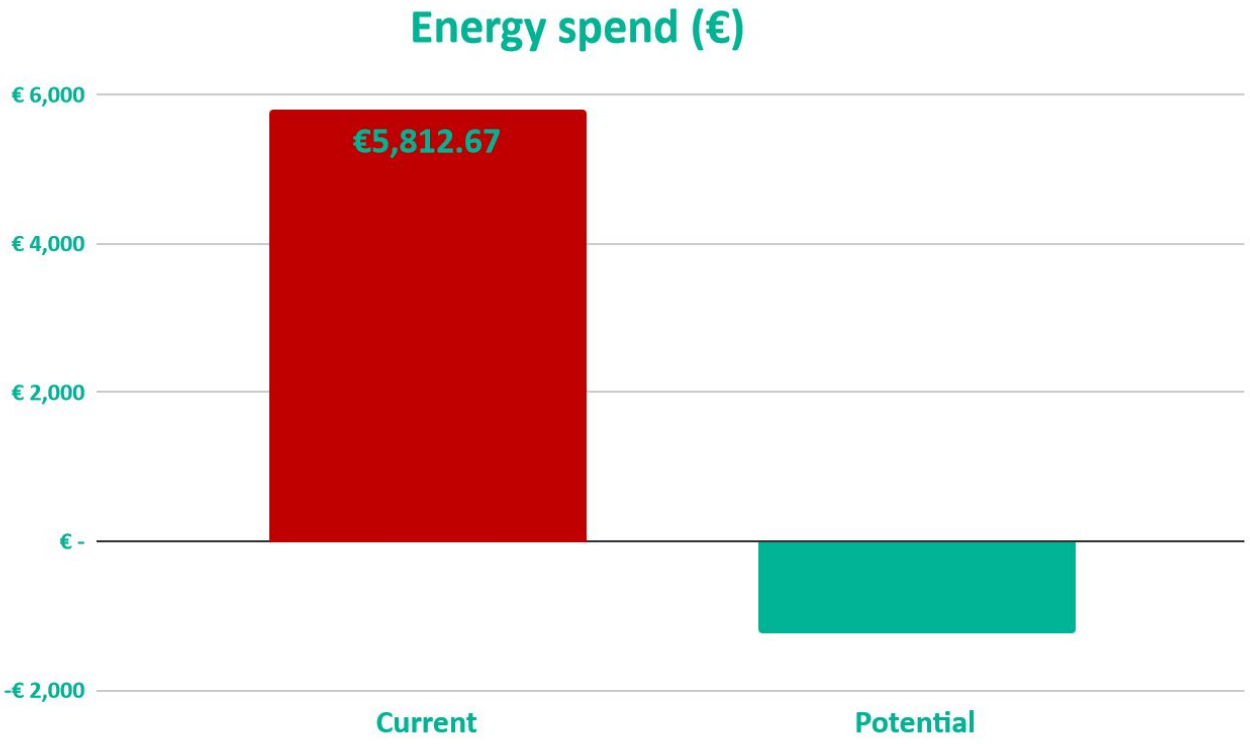

Costs Breakdown
Oil - Fuel Oil
27.1%
€ 1,574.00
€ 4,238.67
Electricity -...
72.9%


Emissions Breakdown
Oil - Fuel Oil
43.2%
3.5 tCO2e
Electricity -...
56.8%
4.6 tCO2e

Community Energy Audit Recommendations

- Focus initially on Solar PV to reduce Electricity Costs
  - Makes sense even with “normal” grants
  - GAA & Hall (School already done)
- Floodlights already done everywhere
  - Results should be seen this winter
- Electric heat-pump in the hall once the PV is installed
  -
- Install energy monitoring in the Hall and GAA Club

Large potential savings with Solar PV for GAA and the hall



Other actions for Corofin SEC

(This is just the beginning)

- Community-scale PV farm
- Promoting Public Transport
- Promoting light transport when suitable
  - The future Greenway
- Providing energy savings “gadgets” to the community
- Organising groups of homes to engage with Project Co-ordinators
- Keeping an eye on grants and spreading the good news


Sustainable Corofin


Sustainable_corofin


corofinsec@gmail.com

Fully Funded Energy Upgrade

If you are in receipt of any of the following

- Fuel Allowance
- Job Seekers Allowance > six months & a child under seven years
- Working Family Payment
- One-Parent Family Payment
- Domiciliary Care Allowance
- Carers Allowance and live with the person you are caring for
- Disability Allowance > six months & a child under seven years

You can get :

- Attic insulation
- Cavity wall insulation
- External wall insulation
- Internal wall insulation
- Lagging jackets, draught proofing and lighting
- Potentially new heating systems and windows

If you are over 65 :

Contact : Dena McGrath Clare County Council, healthyagefriendlyhomes@meathcoco.ie, (046) 924 8899