

Bailieborough Energy in our businesses and community services



SEAI works with Government, homeowners, businesses and communities to create a cleaner energy future.



Bailieborough – what's the plan?



Start a Sustainable Energy Community

- Consider setting up your own local teams to join the network of over 800 communities in Ireland. An energy project requires time, commitment and an informed approach so aim to get a group together who share your enthusiasm and drive.

Register your community:

- Go to the link below to reach the simple online registration form. Once your application to the Network is approved **you will be assigned a local community mentor** who will reach out to you to provide guidance and support.



<https://www.seai.ie/community-energy/sustainable-energy-communities/start-an-energy-community/>

Bailieborough – what's the plan?



Energy Master Plan

- The Plan stage of the Programme helps your community to understand the energy demand and supply of the community and provide a map of how your community will achieve its energy goals. Apply for SEAI 100% funding to undertake your own community Energy Master Plan.



<https://www.seai.ie/community-energy/sustainable-energy-communities/join-the-sustainable-ener/>

Bailieborough – what's the plan?



Projects

- Your mentor can identify the SEAI grants to support your projects
- We can also introduce your community to Project Coordinators to help apply for the Community Energy Grant manage the energy upgrades

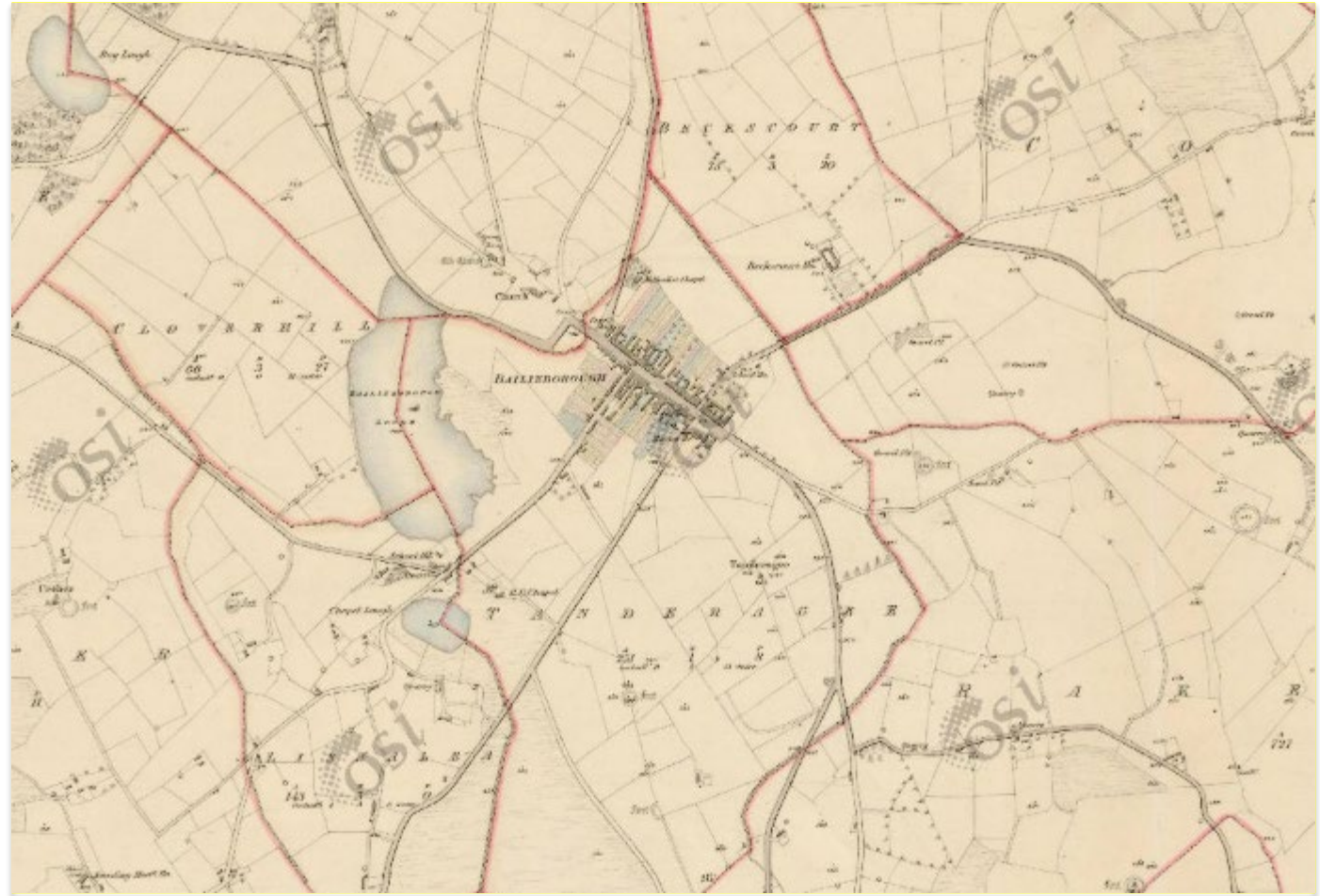


<https://www.seai.ie/community-energy/sustainable-energy-communities/energy-community-programm/>

Bailieborough – a quick look at the town



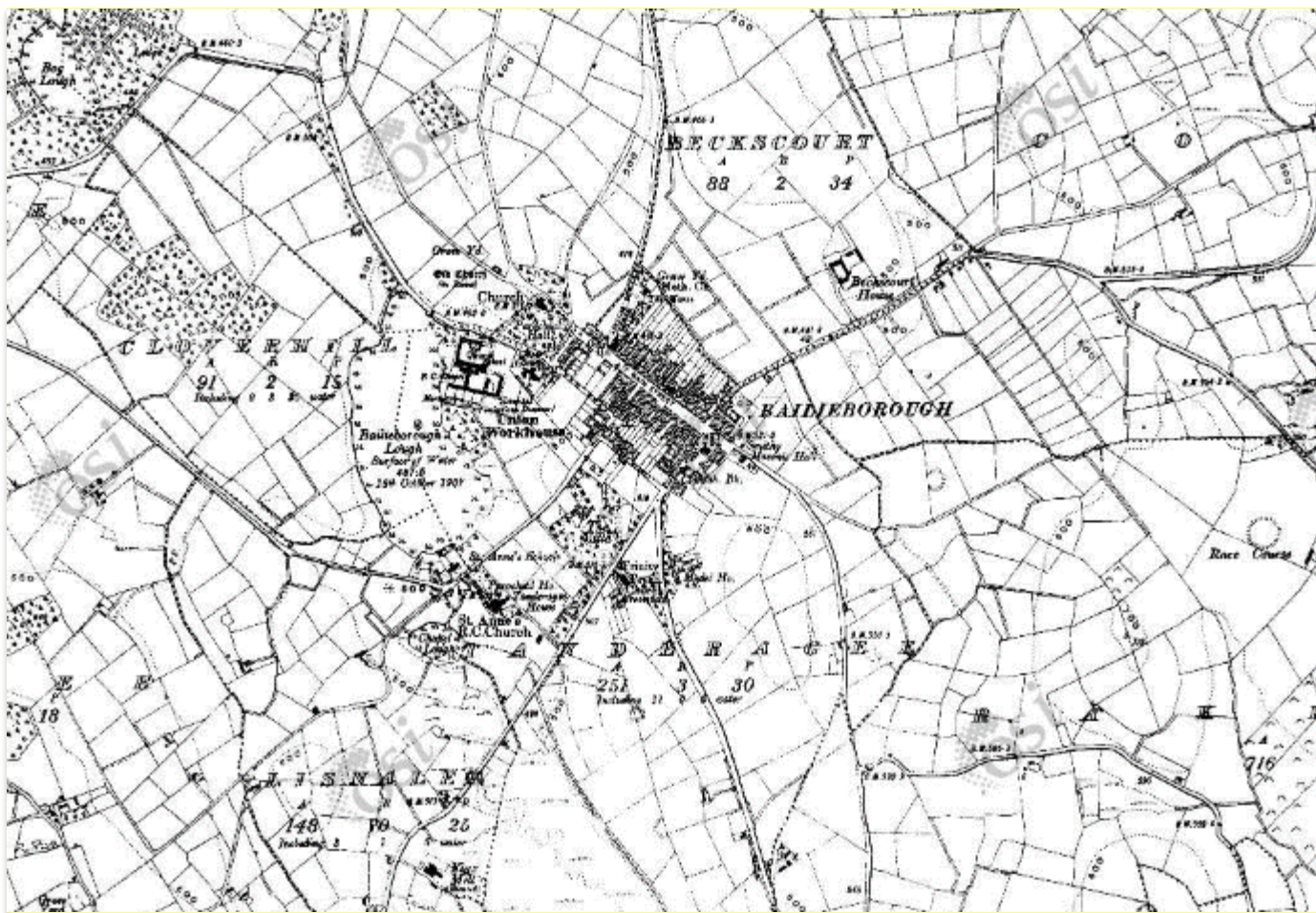
- Historical 6" map
- 1829 to 1842



Bailieborough – a quick look at the town



- Historical 6" map
- Early 20th Century survey



Bailieborough – a quick look at the town



- Aerial 1995
- Woodview, Drumbannon



Bailieborough – a quick look at the town



- Aerial 1996–2000
- Cloverhill



Bailieborough – a quick look at the town



- Aerial 2001-2005
- Cloverhill
- Highfield
- Borora Park
- Maple Court



Bailieborough – a quick look at the town



- Aerial 2006-2012
- Lisgrey Gardens
- Beckscourt View
- Ardán Na Curkish
- Hawthorn
- Mulberry Manor



Bailieborough – Business & Community



Include community services, local business and other partners

- Bailie Hotel
- Supervalu
- St Annes National School
- Clarkes
- Bailieborough Business Centre
- Cavan County Council
- Bailieborough Shamrocks GAA
- Tesco
- Local retail, beauty and hospitality



Business and community supports



Benefits of a Sustainable Business



Savings

Lower your running costs and increase profit margins



Win new business

As businesses and public sector organisations tighten their supplier requirements



Boost your reputation

Help your business grow your base of customers whose interest in climate change has grown hugely in recent years



Retain staff

Improve staff morale, as employees across all sectors increasingly want to work for employers who are climate-aware



Supports for Businesses

- Financial supports
- Training
- Networking opportunities
- Expert advice



Five Steps to Energy Efficiency

1. Understand your energy use
2. Create an energy action plan
3. Complete an energy audit
4. Invest in energy efficiency upgrades and renewables
5. Monitor, track and report

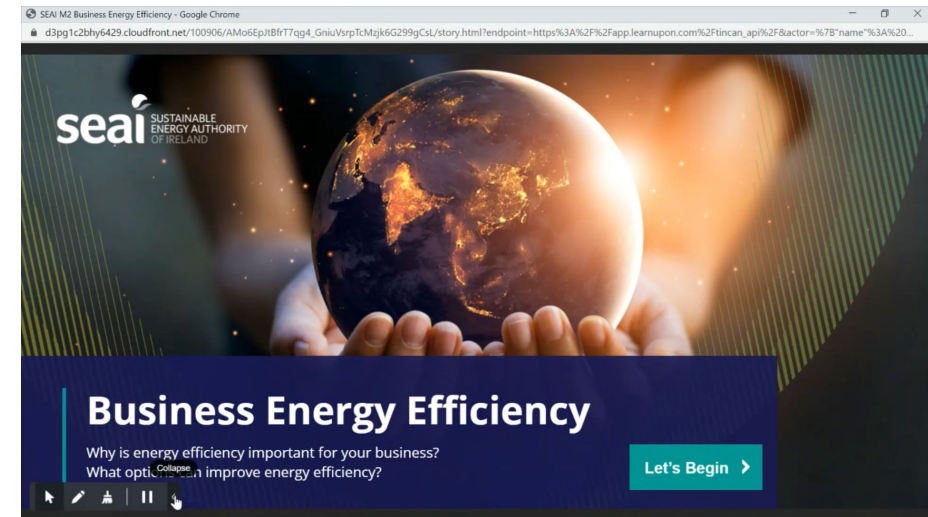


Step 1: Understand Your Energy Use

SEAI Energy Academy



- SEAI's free e-learning platform
- Understand your energy use and increase your knowledge of energy related topics
- Reduce your energy bills by up to 10%
- 24 modules available including;
 - Energy and Climate Change
 - Decarbonisation for Business
 - Business Energy Efficiency
 - Introduction to Electric Vehicles
 - Introduction to Solar PV
- Join the SEAI Energy Academy www.seai.ie/energyacademy



Step 2: Create an Energy Action Plan

Introduction to Energy Management Training



- Embed good energy management practices through a trainer-led online workshop
- 2 x 1-hour sessions and an optional follow-up phone call with an energy advisor
- Free Energy Management Guide and Workbook
- To register for the next workshop email: **business@seai.ie**



Step 3: Complete an Energy Audit Support Scheme for Energy Audits

- Offers SMES a voucher of €2,000 to get an energy audit
- Audits are carried out by an SEAI Registered Energy Auditor – the list of participating auditors is available online
- To be eligible, your company must: spend at least €10,000 on energy per year, have a valid CRO number, and be tax compliant
- Find out more and apply online:
<https://www.seai.ie/sme/energyaudits>



Step 4: Invest in energy efficiency upgrades Support Scheme for Renewable Heat

For commercial, industrial, agricultural, district heating, public sector and other non-domestic heat users that convert to renewable heat.

Investment aid – a grant of up to 40% for;

- Air source heat pumps
- Ground source heat pumps
- Water source heat pumps

Ongoing operational aid (through tariff payment for eligible heat use) for;

- Biomass boilers
- Biogas boilers
- Biomass or biogas HECHP

Step 4: Invest in energy efficiency upgrades

Excellence in Energy Efficient Design



- SEAI EXEED (Excellence in Energy Efficient Design) is a certification program that **helps businesses achieve optimum energy performance**
- **It applies** a standardised approach to project design and implementation for new or upgraded buildings and processes
- Support of **up to €1,000,000 per project**
- Open to businesses and public sector organisations



Brand new buildings and facilities



Upgrades or re-purposing of existing buildings and facilities



Manufacturing processes

EXEED Case Studies

Aurivo Consumer Foods

- Global agribusiness
- Installed a high efficiency heat recovery system in their fresh milk pasteurisation process
- They will offset in excess of 780 tonnes of CO₂ annually
- They'll reduce onsite emissions for the manufacturing of liquid milk products by over 85%

85%
Reduction
in onsite
emissions



690
LED lights
installed

80%
Energy
savings



DAA

- Major carpark lighting upgrade project
- Installed 690 LED lights, resulting in 80% savings.
- Can change the lighting level to suit the operational need and capacity at a given time
- LED lights need less maintenance and have a longer life than traditional lights.

Step 4: Invest in Solar PV Non-Domestic Microgen Grant (NDMG)



- Solar PV grant support for business, farm, school, community centres, or other non-profit organisations
- Tiered grant range – see table
- Very suitable for organisations open on a daily basis with high electricity use e.g:
 - Manufacturing
 - Retail
 - Refrigeration
 - Hospitality

Example Solar PV System Size	Grant Value
7kWp	€2,700
15kWp	€5,100
20kWp	€6,600
30kWp	€8,600
50kWp	€12,600
100kWp	€22,600
200kWp	€42,600
300kWp	€57,600
400kWp	€72,600
500kWp	€87,600
1000kWp	€162,600 max grant value

Step 4: Invest in energy efficiency upgrades

Accelerated Capital Allowance

- Accelerated Capital Allowance is a tax incentive encouraging investment in energy saving technology
- The ACA scheme allows a sole trader, farmer or company that pays corporation tax in Ireland to deduct the full cost of the equipment from their profits in the year of purchase
- The reduction in tax paid by the organisation in that year is currently 12.5% of the value of capital expenditure



Communities Grant

Assisting energy efficiency community projects through capital funding, partnerships, and technical support.

- Community oriented with a cross-sectoral approach, and you must show that you can sustainably finance the proposed project
- Encouraging smaller projects from €50k to large projects up to €5m
- Grant values range from 35%, to 80% for fuel poor homes
- 2020: Delivered 25 projects with funding of €18.5m. Upgraded 656 residential buildings to a minimum B2 rating and upgraded 240 non-residential



Local Enterprise Office / Enterprise Ireland



Green for business

- <https://www.localenterprise.ie/green>
 - 2 days of mentoring with a specialist Green Consultant
 - Green for Micro report

Green Start

- <https://www.localenterprise.ie/Portal/Green/Other-Green-Supports/GreenStart.html>
 - Manufacturing or internationally traded services
 - Grant for a training/consultancy/advisory project
 - Up to 7 days support by an external Green Service Provider

Green Plus

- <https://www.enterprise-ireland.com/en/supports/green-plus>
 - Grant for a training/consultancy/advisory project
 - 50% of the eligible project costs up to a maximum of €100,000 (€50,000 grant)

Local Enterprise Office / Enterprise Ireland



Energy Efficiency Grant

- <https://www.localenterprise.ie/Portal/Energy/WHAT-IS-THE-ENERGY-EFFICIENCY-GRANT-/What-is-the-Energy-Efficiency-Grant-.html>
 - 50% of eligible costs from a minimum grant of €1,000 to a maximum of €5,000

Capital investment for decarbonisation processes

- <https://www.enterprise-ireland.com/en/supports/capital-investment-for-decarbonisation-processes>
 - Manufacturing companies
 - Grant aid from €20,000 to €1m per project
 - Grant aid intensity is calculated as a percentage of the eligible project costs, which can vary based on business size.

Bailieborough – Business & Community



SEC Community Survey

- Survey conducted by local Sustainable Energy Community: St. Anne's Green Group
- 38 responses from local businesses and community services
- **Basic starting survey:**
 - Type of business or service
 - No. of staff/employees
 - Operating hours per week
 - Annual energy spend

Survey respondents



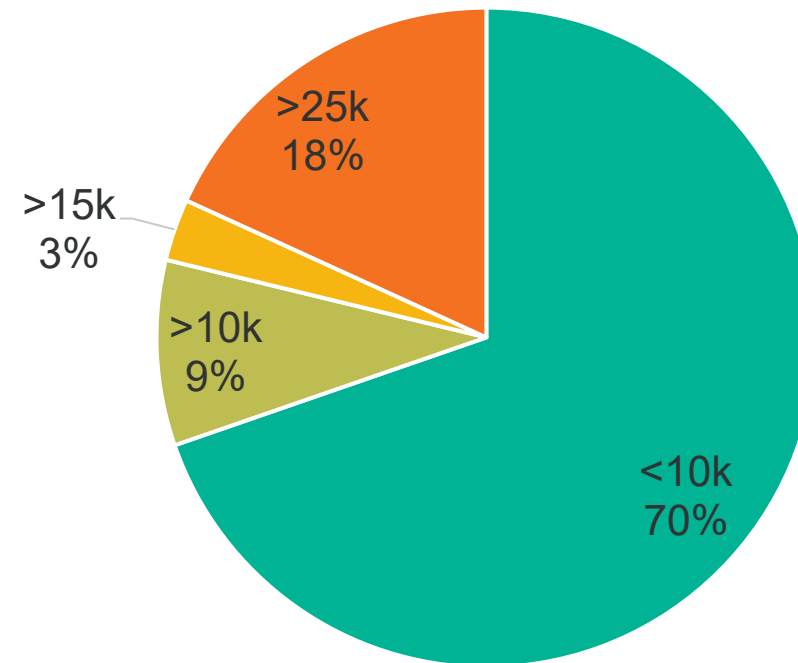
Bailieborough – Business & Community



SEC Community Survey

- Energy spend:
- 23 with energy spend < €10K: SEAI Energy Academy, Bills analysis, Self-assessment
- 10 with energy spend > €10K: SEAI SSEA, Green for business

Annual energy spend

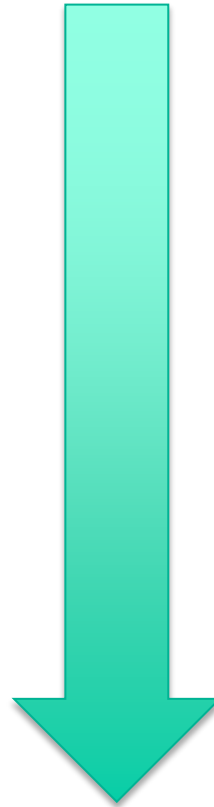


Bailieborough – Business & Community



Next steps

- Energy audits and action plans
- Identify common solutions
- Select best financial support routes: SEAI, LEO, Enterprise Ireland
- **SEAI Community Grant – Project Coordinators**



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Q&A

