



Careers in Energy Retrofit

Justine Barrett

Retrofit Business Development and Supply Chain

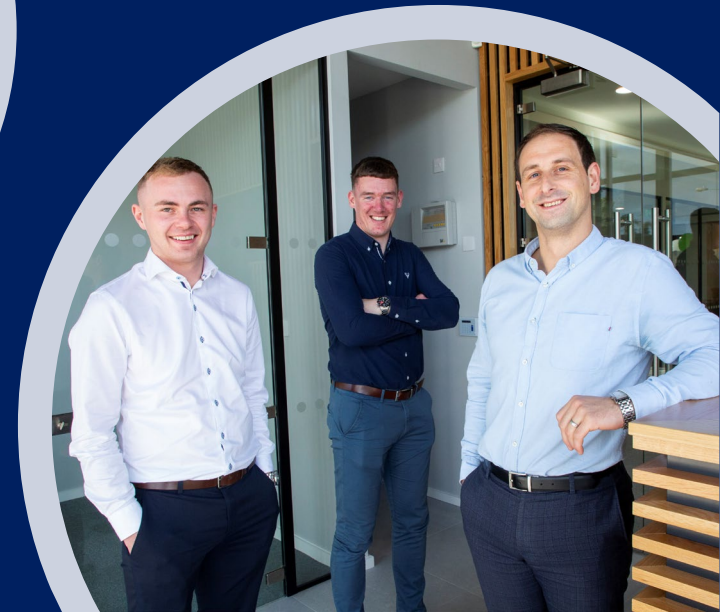




Career Opportunities in Energy Retrofit

Noel Rowland

Churchfield Home Services



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**ENERGY
SHOW**

20–21 March 2024

Career Opportunities in Energy Retrofit



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Quick Introduction

 seai.ie/energyshow

 [#seaienergyshow](https://twitter.com/seaienergyshow)

Career Opportunities in Energy Retrofit

My personal career to date...

- Graduated with a degree in Product Design in 2005
- 1 year in manufacturing
- 2 years in New Build
- 3 years in Renovation
- 11 years in the Retrofit working across
 - Warmer Homes Scheme
 - Individual Grants Program
 - One Stop Shop
- Every time I got bored, I moved on...



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Let's start with a
quick question!

Career Opportunities in Energy Retrofit

Is there anyone here who is,

- Bored and looking for a new challenge?
- Looking for a career where training opportunities are a plenty?
- Looking for opportunities to progress their career?
- Looking to more variation in their role?
- Have a desire to find meaningful work?
- Looking for more job flexibility?
- Maybe experiencing burnout?
- Looking to earn more?



Lesson learned in nearly 20yrs...

Business is personal!

- To be successful in business, you need to understand people, their families, their needs,
- We all have got one life, one opportunity!

If you can understand people, understand their personal goals and align those to the business goals and that of your customers, you're onto a winner





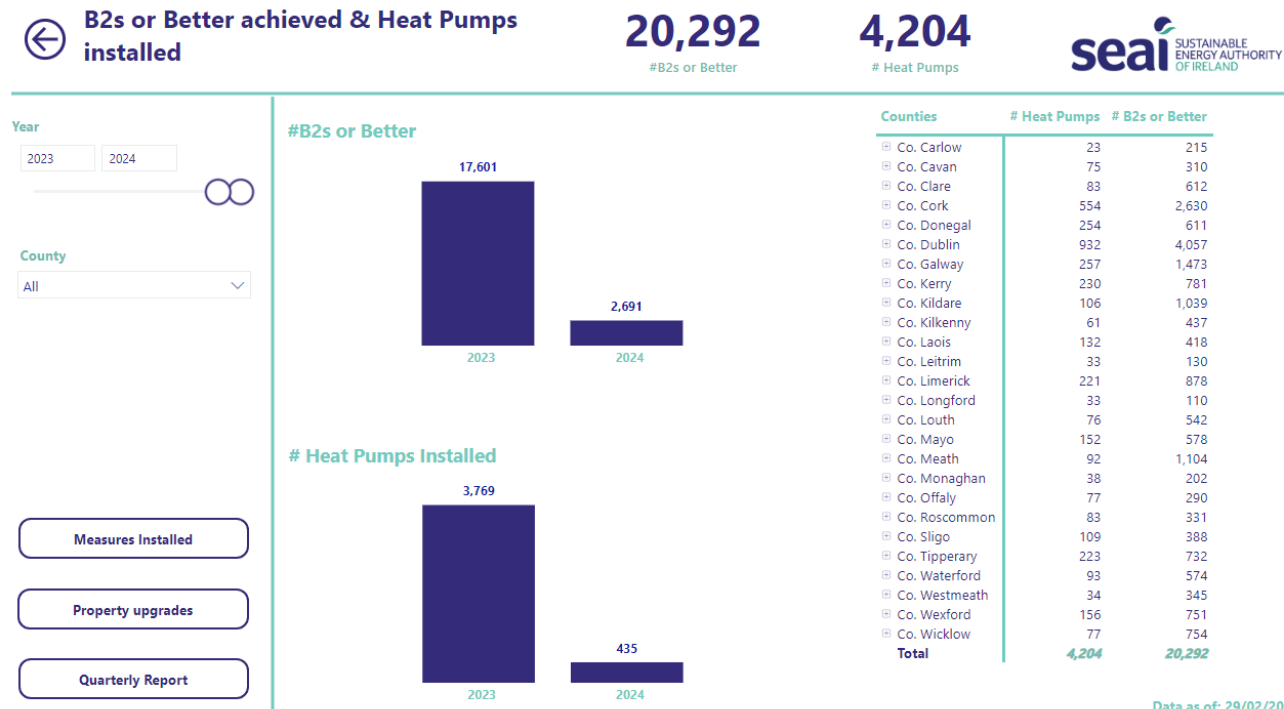
Energy Retrofit Challenges & Opportunities

Retrofit Challenges

- Climate Action Plan sets out ambitious targets of,
 - Upgrading 500,000 homes to a B2 by 2030
 - Installing 400,000 heat pumps to homes by 2030
- Challenges to retrofitting homes includes
 - How to create a compelling customer value proposition good enough to encourage homeowners in their masses to retrofit their homes?
 - How to scale up supplier and contractor resources?
 - How to address the shortage of skilled labour and tight labour market?
 - How to enable homeowners to afford the cost of retrofitting their homes?
 - What program governance is needed to support all of the scale up (National Retrofit Plan, One Stop Shop program)

Career Opportunities in Energy Retrofit

Let's look at the 2023 Statistics for National Retrofit Programs



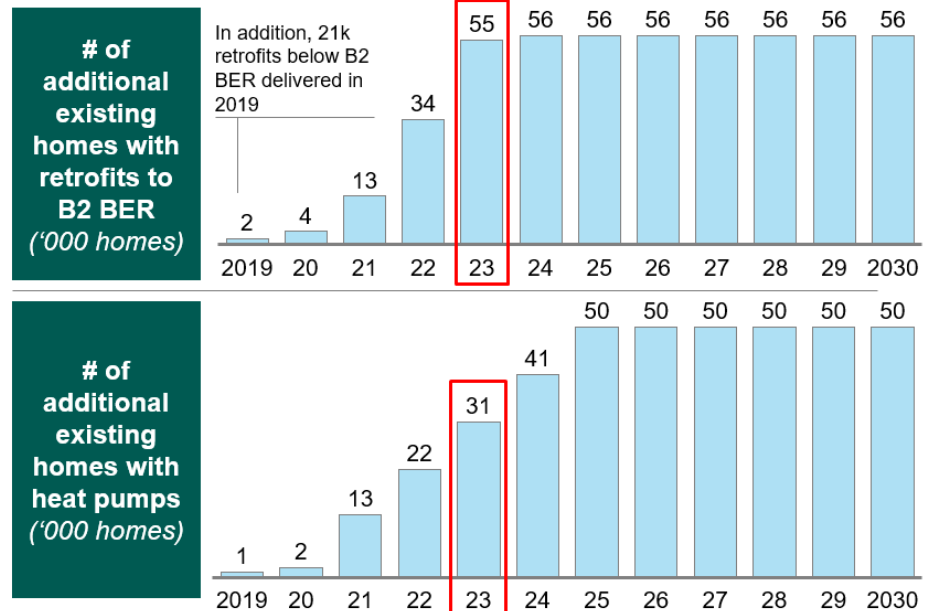
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Let's compare 2023 figures with 2019 targets...

In 2023

- 20,292 B2's or better were completed
- 4,204 Heat Pumps were installed

Estimated retrofits to B2 BER and heat pumps required to cut emissions in line with Climate Action Plan targets



Delivering this ambition will require tackling 3 key dimension of challenges – **customer uptake, finance, and supply chain**

Retrofit Opportunity

It's what dreams are made of!

- €8 Billion planned investment by the state between now and 2030
- €28 Billion estimated cost between now and 2030
- Will require a doubling of output for the next number of years
- Will need to increase output to over 65,000 upgrades per year
- Its national, every city, town and village
- When the first 500,000 homes are completed, we start on the next 500,000homes to achieve net zero by 2050
- It's a long-term opportunity

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Opportunities to Learn & Develop

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Centres of Excellence for NZEB & Retrofitting Training

Located all over Ireland

- Waterford Wexford ETB
- Laois & Offaly ETB
- Limerick & Clare ETB
- Mayo, Sligo & Leitrim ETB
- City of Dublin ETB

A wide range of courses are available including

- NZEB Ventilation
- NZEB Fundamental Awareness
- NZEB Retrofit
- NZEB for Site Supervisors
- NZEB External Wall Insulation
- NZEB Airtightness & Vapour Control Layer Installer



Company Inhouse Training

Many companies provide inhouse technical training to all staff that covers,

- Roof Insulation
- Wall Insulation
- External Windows & Doors
- Floor Insulation
- Ventilation
- Heating Systems & Design
- Solar PV





Career Pathway Opportunities

Professional Pathway Opportunities

- Graduate QS, Surveyor, Engineer
 - Building Surveyor
 - Retrofit Sales Advisor
 - Quantity Surveyor
 - BER Assessor
 - Technical Advisor
 - Project Manager
 - Program Manager
 - Quality Auditing



Trade Pathway Opportunities

- Skilled Operative/Apprentice
 - Qualified Tradesperson
 - Installation Supervisor
 - Training Supervisor
 - Project Manager
 - Contractor



Administrative Pathway Opportunities

- General Administrator
 - Customer Care
 - Accounts
 - Marketing
 - Sales
 - Surveying
 - HR
 - Quality Assurance





Variation in Work

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Every home is different...



Career Opportunities in Energy Retrofit

Every homeowner is different



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Meaningful Work

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Your helping homeowners to

- Increase comfort of their homes
- Reducing energy used in a home
- Make savings on their energy bills
- Increase their BER and add value to their home
- Create a healthy living environment for them and their family's
- Avail of SEAI Grants
- Make their homes more aesthetically pleasing
- Reduce CO2 emissions and make a positive impact the environment



Career Opportunities in Energy Retrofit



Job Flexibility

Choose a role that works for you...

- Work from the office in an admin role with flexibility to start early or late depending on your personal circumstances.
- Work as a retrofit surveyor with flexibility to schedule surveys around you and your customers availability.
- Work from home as a Retrofit Advisor anywhere in the country and schedule your calls and meetings to days and times that work for you and your customers.
- Work as a site-based PM role and decide if you want to work on early in the week to finish early.





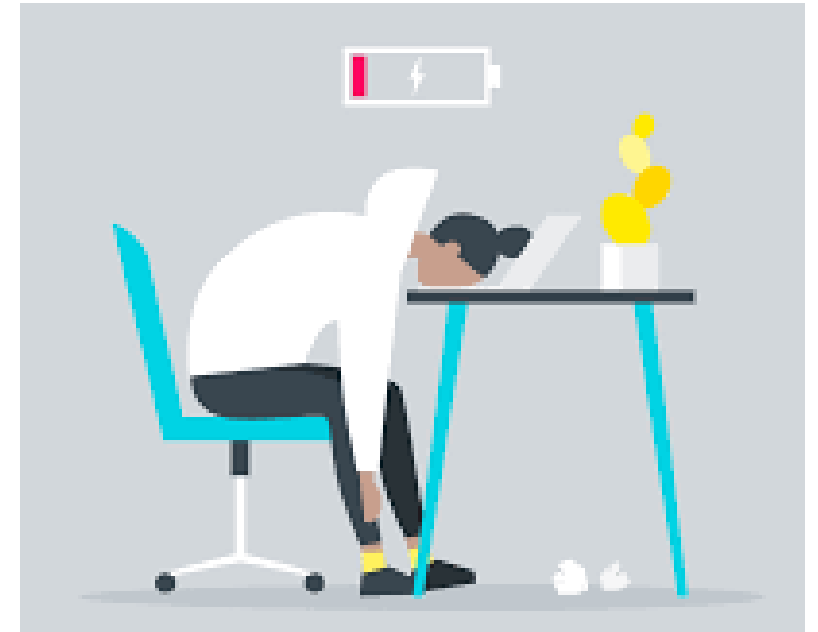
Experiencing Burnout

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Tired of...

- Travelling hours to work and back again?
- Being away from your family?
- Working late into the night?

Retrofitting is local, flexible and enjoyable!



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Looking to Earn More

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Career Opportunities in Energy Retrofit

We get paid for our value, not our time...

Environment is everything, a career in the Energy Retrofit sector can provide,

- Excellent salary and benefit packages
- Excellent opportunity to develop your skills and enhance your value
- Excellent opportunities to rapidly progress your career
- Excellent long term career choice

Work in an industry that can support you becoming the best you can be and rewarded for that enhanced value you bring.

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Time to Change!

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Career Opportunities in Energy Retrofit

What are you waiting for!

Stop sitting on the wall

- Opportunities are all around you
- If you want something you don't have, you need to do something you are not doing
- If you want to know where you will be in 5 years, look back on the last 5

The power to change is in all of us!



Career Opportunities in Energy Retrofit



Thanks for Listening

Noel Rowland
Churchfield Home Services

ETB Centre's of Excellence

Sectoral Response to upskilling / reskilling in Green Skills



Context:

By 2030 '**Business as Usual**' will require:

- C120,000 additional Skilled Construction Workers
- C164,000 construction workers and building professionals upskilled
- C26,000 current student population to be upskilled



Centre Locations



- Waterford Wexford ETB
- Laois Offaly ETB - National Construction Training Campus, Mount Lucas
- Limerick Clare ETB
- Cork ETB
- Mayo Sligo, Leitrim ETB
- City of Dublin ETB (Ballyfermot)

Our Approach

- Consultation with policy makers and key stakeholders
- Identifying skills deficits or responding to Industry requests
- Development of new programs under the guidance of Industry
- Consortium led CofE group
- Collaboration within the CofE's to ensure consistency of practise
- Flexible delivery modes to facilitate upskilling / reskilling



Our Courses

Micro-generator Electrical
Installations

Sustainable Supply Chain

NZEB Retrofit

Airtightness and Vapour Control

Domestic Heat Pump Installer

NZEB Site Supervisor

NZEB Fundamental

NZEB for Trades Awareness

Retrofit Skills

Micro-solar PV systems

External Wall Insulation
Installer

LEAN Management

Greening your Business/Environmental Sustainability

BER Assessor

DASBE Digital Academy for the Sustainable Built Environment.



DASBE is a Digital Hub to support and help upskill and reskill the Construction Industry in Ireland

[SMEs, Professionals, Workers, Manufacturers & Building Providers, Managers, IT and Digital experts]

1. DASBE rapidly develops a range of courses in collaboration with industry partners.
2. DASBE provides partial funding to all courses.
3. DASBE has a National Digital Training Platform
4. It's a Training one stop shop for Ireland

www.dasbe.ie

DASBE Conference 9th May 2024
<https://dasbe.ie/transforming-construction-skills-conference/>



ENERGY EFFICIENCY

The residential sector accounts for 25% of all energy used in Ireland. New buildings must meet an nZEB standard by 2020.

SEARCH PROGRAMMES

CIRCULAR ECONOMY

The EU's transition to a circular economy will reduce pressure on natural resources and will create sustainable growth and jobs.

SEARCH PROGRAMMES

DIGITAL SKILLS

A strong digital economy powered by Europeans with digital skills is vital for innovation, growth, and jobs.

SEARCH PROGRAMMES





Explore

Choose

Set up Account

Upskill

Digital Academy For The Sustainable Built Environment

A hub for upskilling, capacity building and education in the construction sector.

EXPLORE PROGRAMMES



ENERGY EFFICIENCY

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SEARCH PROGRAMMES

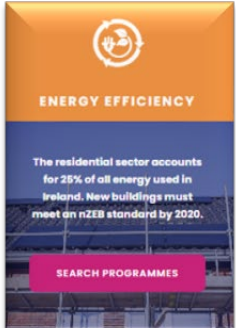
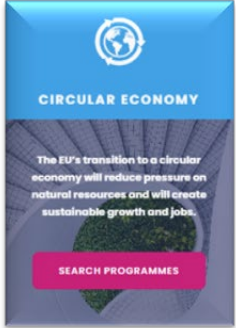


DIGITAL SKILLS

A strong digital economy powered by Europeans with digital skills is vital for innovation, growth, and jobs.

SEARCH PROGRAMMES

TUS Courses 33-80% funded



L7 Certificate in Green Procurement in Construction
L9 Certificate in the Decarbonisation Solutions for the Built Environment
-Certificate in Decarbonisation Strategies and Options
-Certificate in Decarbonisation Analysis and Solutions

L6 Certificate in Residential Retrofit Site Coordination (with LOETB)
L8 Higher Diploma in Energy Renovation of Traditional Buildings (with Heritage Council)
-Certificate in Energy Renovation of Traditional Buildings
-Certificate in Approaches to the Renovation of Traditional Buildings
-Certificate in Appraising Traditional Buildings
-Certificate in Managing Traditional Buildings

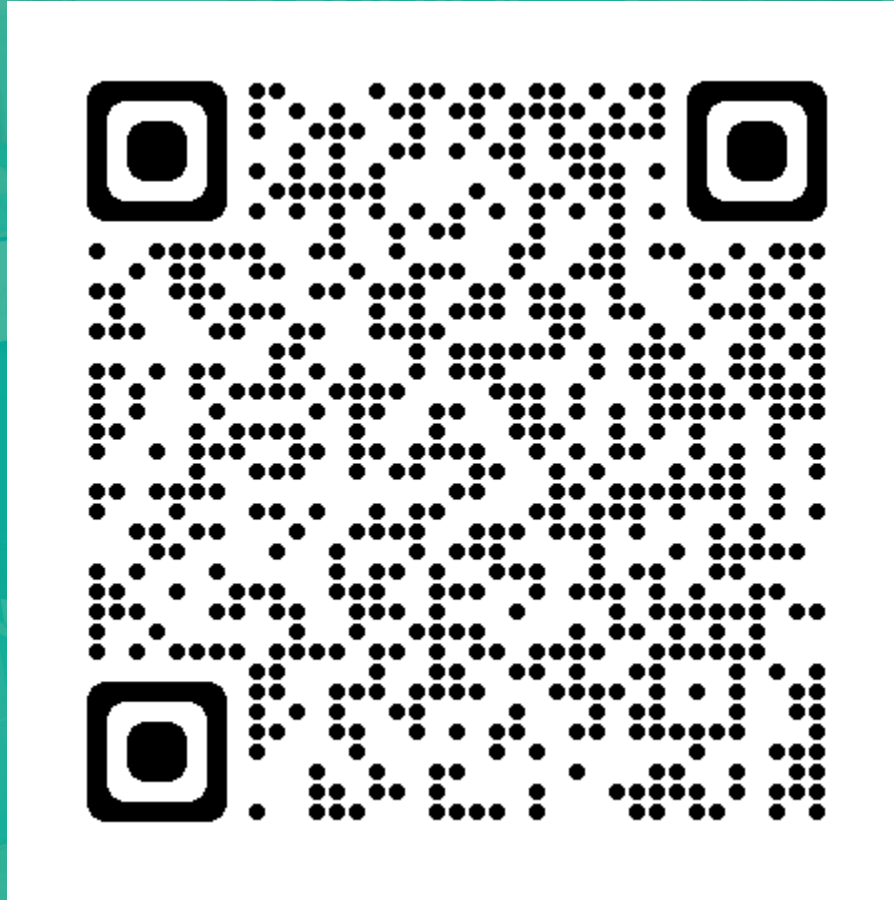
L6 Certificate in Drones for Construction (with Munster Drone Services)
L8 Scan to BIM
L6 Fundamentals of BIM ISO 19650
L7 BIM and CDE Data Analytics
L8 Certificate in BIM and whole life carbon and cost assessment
L8 Certificate in BIM for Facilities Managers



Contact Us:



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[NZEB | FET \(thisisfet.ie\)](https://thisisfet.ie)

20-21 March 2024

- Evan O’Keeffe
- Operations Manager
- RTS Heating and Cooling Services
- Dungarvan, Co. Waterford
- Nationwide
- 30 employees







David Gallagher

Technical Resource Manager





“You can have more than you’ve got
because you can become more than you are.”

Systems

Training

Incentives