



Cork County Council
Comhairle Contae Chorcaí



Comhairle Cathrach Chorcaí
Cork City Council

ENERGY CORK

March 2025

Curraheen Estate SEC

SEAI SEC Network

www.energycork.ie



Energy Cork



@EnergyCork



Rialtas na hÉireann
Government of Ireland

www.seai.ie

OVER 800 COMMUNITIES

Part of SEAI's Sustainable Energy Communities Network



MORE THAN
40,000
CITIZENS ENGAGED

133

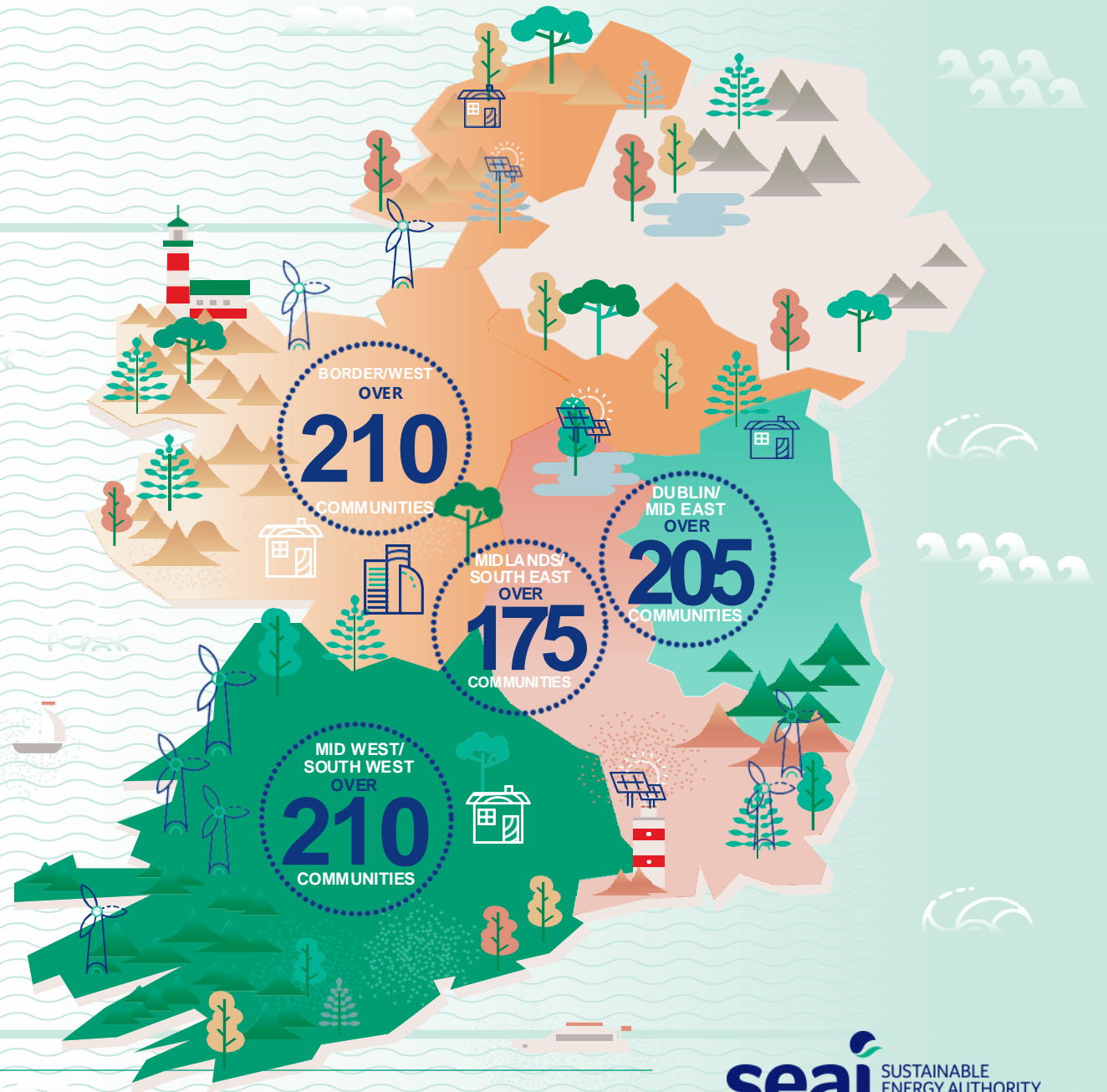
ENERGY
MASTERPLANS
COMPLETED



91
COMMUNITIES

Are currently working on their Energy Master Plans

↓ Find out more at www.seai.ie/sec



SEC Community Journey



LEARN

Join the Sustainable Energy Community network



1

Apply to join

2

Meet your mentor

3

Access learning and peer support

PLAN

Quantify current energy use and Identify opportunities



4

Apply for Energy Master Plan grant

5

Assign Energy Master Plan technical expert

6

Community launch of Energy Master Plan

DO

Implement your plan and Take Action



7

Prepare your project

8

Access further grant support

CHANGE THE WAY YOUR COMMUNITY THINKS ABOUT ENERGY

JOIN US ON THIS JOURNEY
VISIT SEAI.IE/SEC

- **Community** – as broad and diverse as possible. The benefits of a sustainable future are for everyone.
- **Include** – different groups: clubs, businesses, churches, resident groups.
- **Energy Efficiency** – first and foremost “cheapest/cleanest energy is the energy we don’t use.”
- **Energy Master Plan** – fact based road-map to achieving success.
- **Learn as you go** – No one person or group has all of the answers. No silver bullet.
- **Start** – with implementing what’s achievable. Modest wins builds confidence and enthusiasm

SEAI Grants & Support

- **Community** – SEC Mentors and EMP funding, Better Energy Communities, Renewable Electricity Support Scheme, Schools
- **Business** – SME Vouchers, EXCEED, Accelerated Capital Allowances, Project Assistance Grants, NEW – Business Energy Grants
- **Transport** – EV grants, home chargers
- **Homes**
 - Warmer Homes Scheme (free upgrades for qualifying homeowners)
 - One Stop Shop (whole home up to B2+)
 - Better Energy Homes (Individual Grants)

www.seai.ie

Three Steps to a Home Energy Upgrade

Maximise the comfort and savings of your home with these 3 steps to a home energy upgrade

1. Assess



2. Insulate



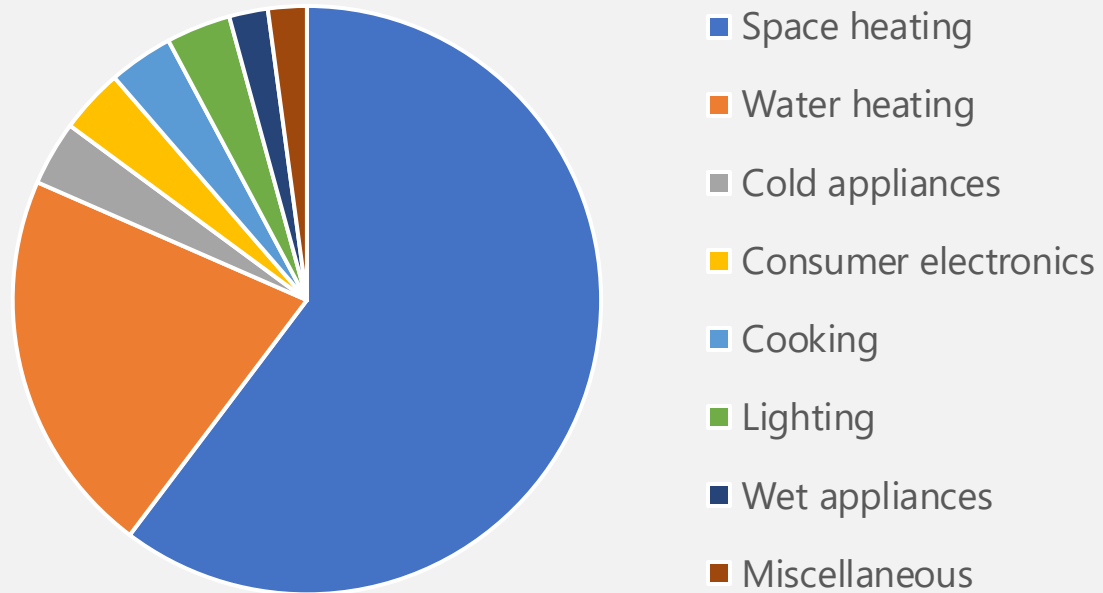
3. Add Renewables



Home Heat Loss and Energy Use

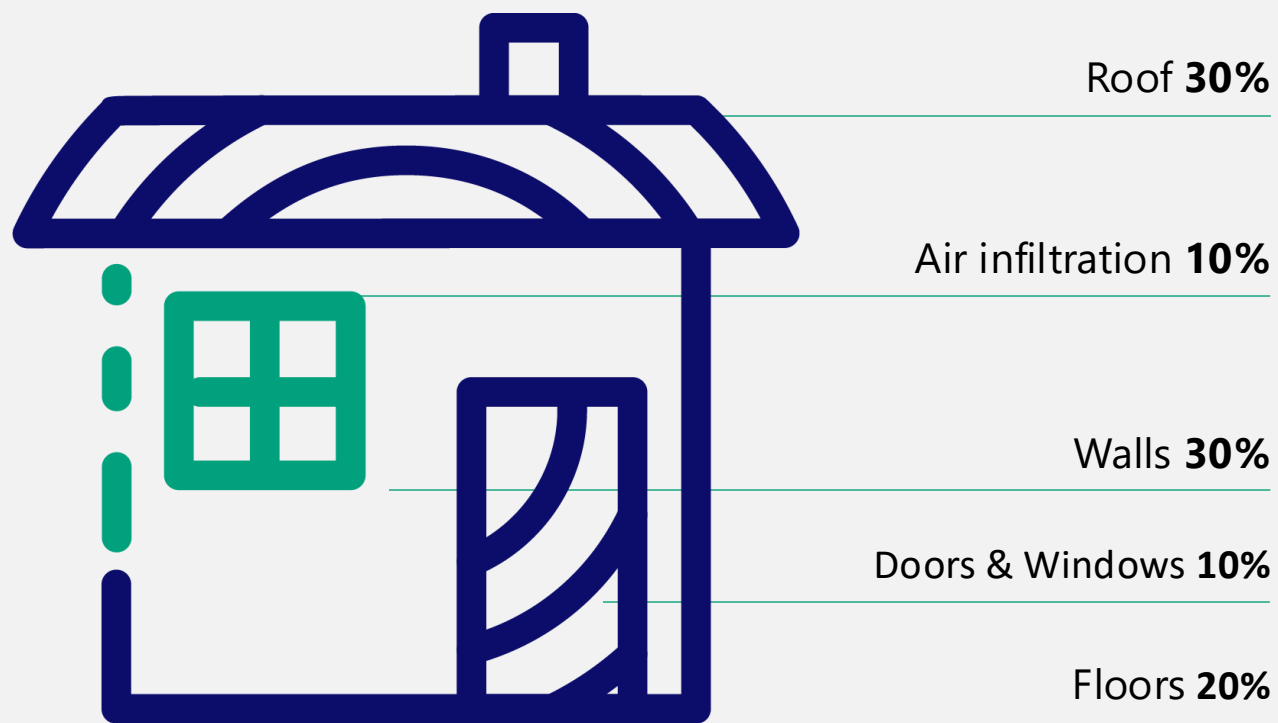
Houses account for a quarter of all energy consumption in Ireland

Heating accounts for 80% of your home energy



Home Heat Loss and Energy Use

Where you lose energy in your home...



Compare your Home Energy Upgrade Options

Fully Funded Energy Upgrade

- For qualifying homeowners in receipt of certain welfare payments
- Fully funded by SEAI
- This service is managed by SEAI
- Home survey
- Contractor selection
- Contractor works
- Follow up BER

One Stop Shop Service / CEG

- Complete home energy upgrade solution
- Part funded by SEAI
- One Stop Shop fully managed solution including grant application
- Multiple energy upgrades
- Pay for works net of eligible grant
- Minimum number of energy upgrades and achieve a min B2

Individual Energy Upgrades

- Selection of individual grants for home energy upgrades
- Part funded by SEAI
- Homeowner manages their own energy upgrade project
- Contractor selection
- Grant application
- Contractor works
- Pays for works and then claims grant back

Home Energy Upgrade Grants

	Fully Funded Energy Upgrade	One Stop Shop Service / CEG	Individual Energy Upgrade
Home energy assessment	✓	✓	
Project management		✓	
Wall and roof insulation	✓	✓	✓
Floor insulation		✓	
Windows	✓	✓	
Heating controls	✓	✓	✓
Heat pump systems	✓	✓	✓
Solar water heating		✓	✓
Solar electricity		✓	✓
Ventilation	✓	✓	
BER assessment	✓	✓	✓

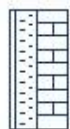
Better Energy Homes and Solar PV

Individual energy upgrades costs and grants

SEAI offers a range of grants for individual energy upgrades such as insulation, heat pumps and solar PV. This option gives homeowners more flexibility to carry out their home energy upgrade in a step-by-step approach, to suit most budgets and circumstances.

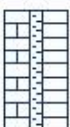


External Wall Insulation



HOUSE TYPE	MEDIAN COST	FIXED GRANT
Detached	€24,305	€8,000
Semi-D / End Terrace	€22,000	€6,000
Mid Terrace	€12,547	€3,500
Apartment	€16,000	€3,000

Cavity Insulation



HOUSE TYPE	MEDIAN COST	FIXED GRANT
Detached	€2,241	€1,700
Semi-D / End Terrace	€1,600	€1,200
Mid Terrace	€1,090	€800
Apartment	€784	€700

Internal Wall Insulation



HOUSE TYPE	MEDIAN COST	FIXED GRANT
Detached	€10,000	€4,500
Semi-D / End Terrace	€10,069	€3,500
Mid Terrace	€6,139	€2,000
Apartment	€2,950	€1,500

Roof Insulation



HOUSE TYPE	MEDIAN COST	FIXED GRANT
Detached	€2,470	€1,500
Semi-D / End Terrace	€1,900	€1,300
Mid Terrace	€1,800	€1,200
Apartment	€1,600	€800

Better Energy Homes and Solar PV

Individual energy upgrades costs and grants

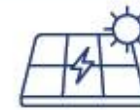
Heat Pump



HOUSE TYPE	MEDIAN COST	FIXED GRANT
Detached	€15,733	€6,500
Semi-D / End Terrace	€15,805	€6,500
Mid Terrace	€15,615	€6,500
Apartment	€10,495	€4,500

Solar PV

Up to 4kWp



HOUSE TYPE	MEDIAN COST	GRANT RANGE
Detached	€9,850	€1,400 - €1,800
Semi-D / End Terrace	€8,854	€1,400 - €1,800
Mid Terrace	€8,100	€1,400 - €1,800
Apartment	€6,145	€1,400 - €1,800

Total Solar PV grant is capped at €1,800

Heating Controls



HOUSE TYPE	MEDIAN COST	FIXED GRANT
Detached	€3,750	€700
Semi-D / End Terrace	€3,616	€700
Mid Terrace	€3,746	€700
Apartment	€3,375	€700

Building Energy Rating



HOUSE TYPE	MEDIAN COST	FIXED GRANT
Detached	€270	€50
Semi-D / End Terrace	€260	€50
Mid Terrace	€250	€50
Apartment	€245	€50

Data based on sample of 37,681 energy upgrades completed through the Better Energy Homes and Solar PV Scheme from January to December 2024.

Median costs provided are calculated based upon the costs submitted to SEAI by registered contractors and One Stop Shops at time of grant payment.

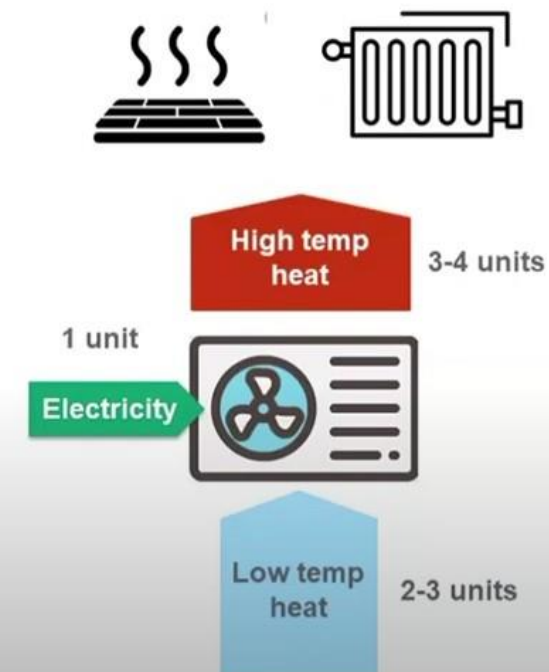
Median is the mid-point of all the upgrade costs, where half of upgrades are less expensive, and half of upgrades are more expensive.

For more information, please visit www.seai.ie/homeenergyupgrades

Heat Pumps

- Modern, electrical central heating system
- Maintains a constant comfortable temperature
- Works like a fridge – but in reverse
- Approx 60% saving on heating bills
- 70% saving on CO2 (compared to oil)
- Typically air-sourced heat
- Your home must be “heat-pump-ready”
- i.e. low Heat Loss Indicator – well insulated
- Newer homes (after 2005) fair better
- SEAI grant available for installation but you must have a Technical Assessment completed first

How do they work?

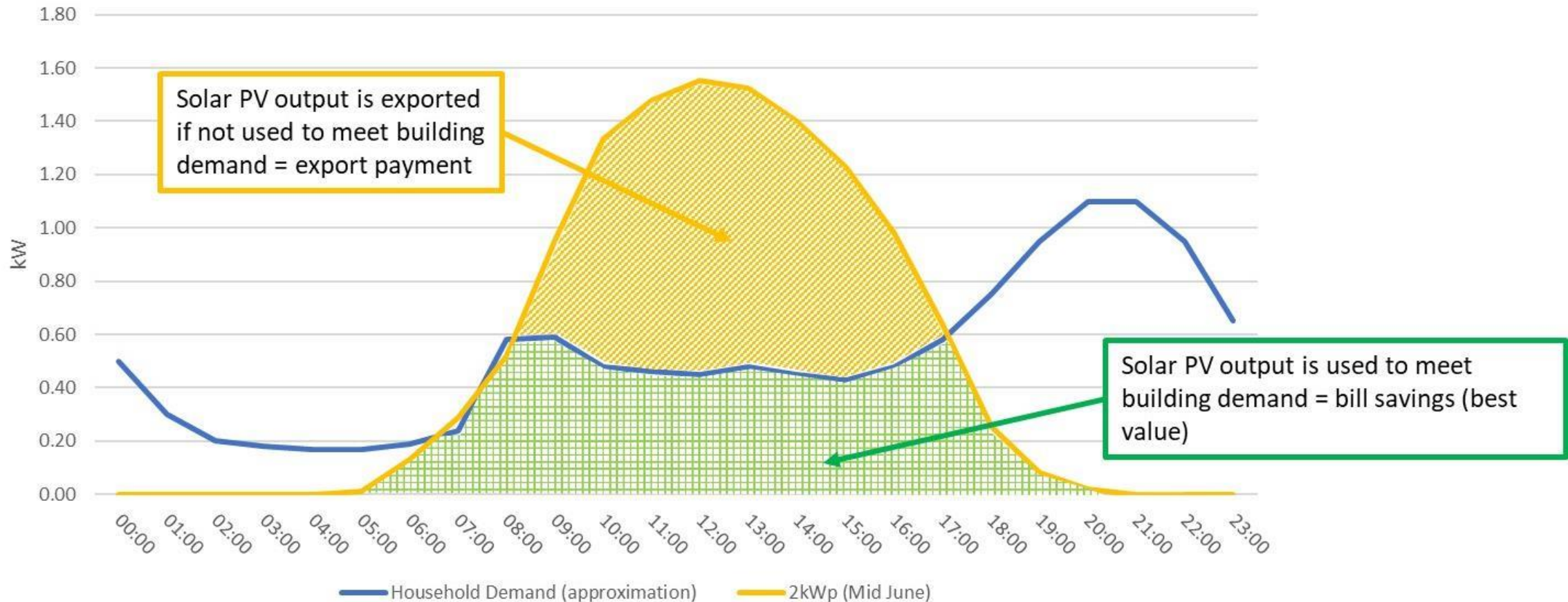


A full 40 minute introduction to heat pumps in Irish homes is available at

<https://www.youtube.com/watch?v=RHTEseNOARQ>

Is Solar PV right for your home?

Solar PV v Electricity Demand



Is Solar PV right for your home?

Solar PV v Electricity Demand

- Homes that are used **during the day, on a daily basis**, are better suited to solar energy. Electricity use only in the evening use does not match well with solar energy.
- A **battery system can store Solar PV electricity** for use in the evening or following morning – but this **increases the cost** of the system – this needs careful analysis. **Batteries can be used to charge on cheaper night rate electricity – ask you installer about this function.**
- The Solar PV electricity can be **diverted to the immersion** in your hot water tank.
- Some **appliances may be programmed to run during the day** – check if this is possible in your home.

Solar PV costs & supports

Costs

- Typical recent costs for domestic scale Solar PV (4kWp to 8kWp) are in the range of **€1,800 to €2,200 per kWp**
- A **5kWh battery** currently costs in the region of **€1,600 to €1,800**

Support

- SEAI Domestic Solar PV grant is capped at €1,800. No SEAI grant for batteries.

Solar PV case study

Co. Clare domestic Solar PV

- 5.04 kWp Solar PV (12No. Jinko 420W panels)
- Southeast facing, 35 deg slope
- **Typical cost €8,300** (based on recent quotations)
- **Annual solar electricity 4,225 kWh** (based on Global Solar Atlas)



For live data visit: <https://www.purevolt.ie/case-studies/case-study-5-12-panels-clare.php>

Solar PV case study

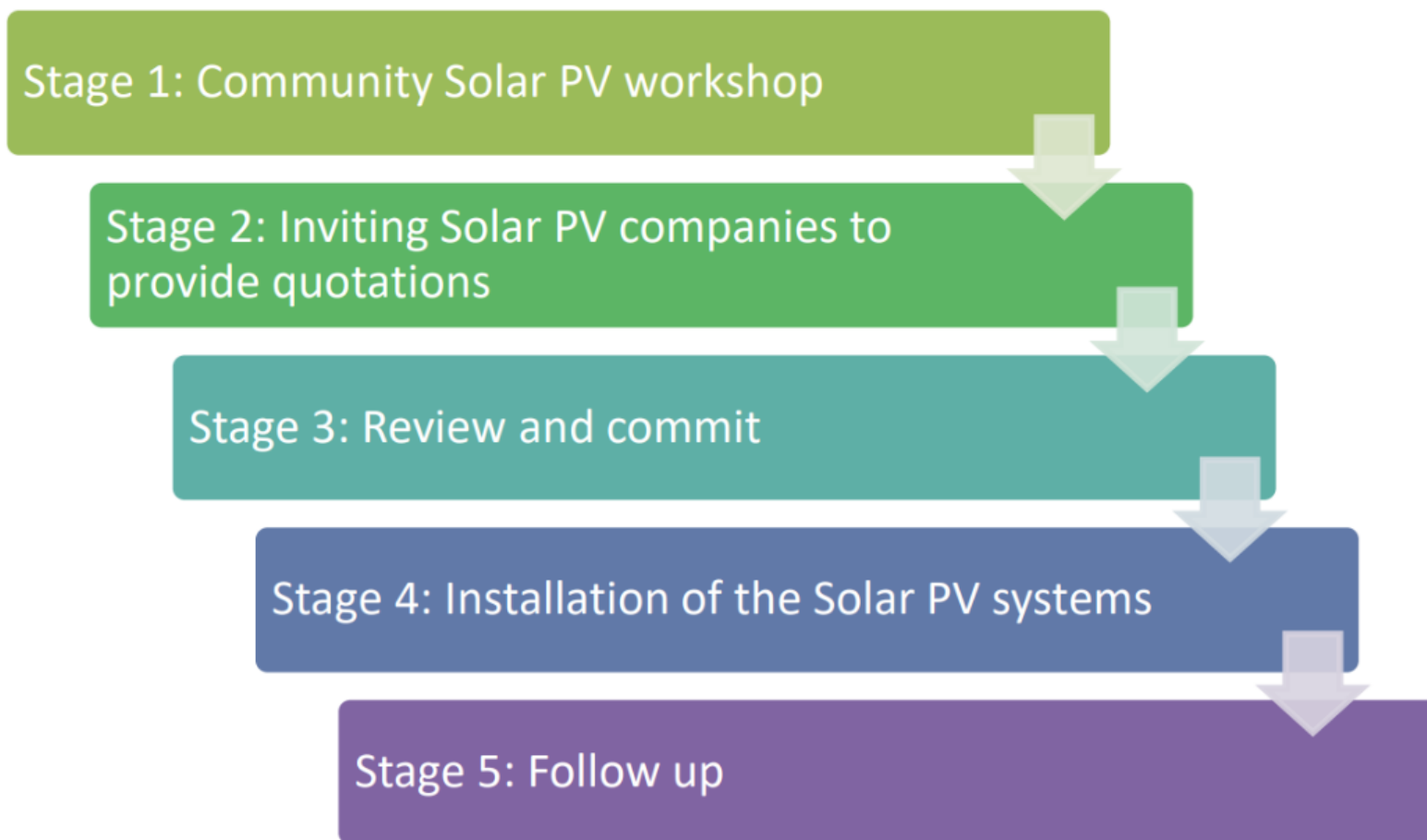
Co. Clare domestic Solar PV

Scenario	Total cost	Simple Payback	Annual electricity	LCOE (over 20 years)
No grant	€8,300	7.8 years	4,225 kWh	€0.10 / kWh
SEAI grant (€1,800)	€6,500	6.0 years	4,225 kWh	€0.08 / kWh



For live data visit: <https://www.purevolt.ie/case-studies/case-study-5-12-panels-clare.php>

Solar Meitheal – Working as a community to install rooftop solar



What can we do now?

- Do the free or low cost things: turning off lights, appliances, heating (where comfortable and safe to do so!)
- See if you qualify for a Fully Funded Upgrade (Warmer Homes Scheme). If you do – apply online.
- If you don't, start with an assessment: BER assessment or Home Energy Assessment.
- Usually “fabric first” – insulating and fixing leaks saves the most energy and money
- Renewable energy – solar pv or heat pumps may be an attractive option for some.
- Share information



THANK YOU

Cluster Manager: Kieran Lettice – SEAI SEC Mentor

office@energycork.ie

www.energycork.ie



Cork County Council
Comhairle Contae Chorcaí



Comhairle Cathrach Chorcaí
Cork City Council

Switching Energy Supplier

- <https://www.cru.ie/home/switching-supplier/>
- If you're out of contract and haven't switched recently, you can make a saving
- 3 authorised comparison websites
- Websites can do the switch free-of-charge
- No loss of supply
- No need to contact your old supplier
- 14 day cooling off period
- Full range from all Irish suppliers of electricity and gas
- Everything you need is on your most recent bill



www.bonkers.ie



www.switcher.ie



www.powertoswitch.ie



Account number: 0674391936

Your plan: Urban 24 Hour Variable Price Plan

Meter number: 23667772

MPRN: 10 301 027 8

DG	MCC	Profile
DG1	MCC01	01

20 May 2022

Hello, this is your electricity bill

Electricity usage

17 Mar 2022 to 19 May 2022

Your usage compared to last year

Previous 12 months

4,565 kWh

Last 12 months

3,434 kWh

Your bill breakdown

17 Mar 2022 to 14 Apr 2022

Electricity

	Usage	Rate	Amount
Standing Charge	29 Days	54.99 c/day	€15.95
24 hour Units	261 kWh	23.61 c/kWh	€61.62
Discount - Paperless Billing		-3%	-€1.85

Outstanding Balance

-€180.81

There's no need for you to do anything. Your monthly Level Pay Direct Debit will continue to be taken as normal.

Important information

Due to wholesale energy prices, we're regrettably increasing our electricity prices from 15 April 2022. If you're worried about meeting your payments, get in touch with us. For more information, please visit [bordgaisenergy.ie](https://www.bordgaisenergy.ie)

Your meter reads & consumption

	Last bill	Current bill	Usage (kWh)
24HR	A 962	A 1537	575

A - Actual reading taken from your meter

C - Customer reading which you have provided

F - Estimated meter reading

What you'll need to get a comparison:

- MPRN Number (11 digits) unique to your home
- Urban/Rural DG1/DG2
- Your tariff/plan or c/kWh rate
- Your electricity use in the last year (or you can take the national average)

To switch:

- Confirm address, contact details
- Billing details









The result!

s.ie/compare-gas-electricity-prices/your-results/

35 results

Showing results available for immediate sign up on bonkers.ie

Filters			
Suppliers			
Select all Clear all			
<input checked="" type="checkbox"/> Electric Ireland			
<input checked="" type="checkbox"/> Energia			
<input checked="" type="checkbox"/> Flogas			
<input checked="" type="checkbox"/> Iberdrola			
<input checked="" type="checkbox"/> Panda			
Show 3 more suppliers			
Only available for sign-up			
<input checked="" type="radio"/> Yes			
<input type="radio"/> No			
Only show			
<input type="checkbox"/> 100% green electricity			
<input type="checkbox"/> Paperless billing			
<input type="checkbox"/> Smart tariffs			
Cash-back included			
<input checked="" type="radio"/> Yes			
<input type="radio"/> No			
Payment type			
<input checked="" type="radio"/> Show all payment types			
<input type="radio"/> Direct debit			
<input type="radio"/> Cash/cheque			
<input type="radio"/> Pay as you go			

	Energia Home Connect SST 39% electricity discount  Smart tariff  100% Green Electricity ✓ Paperless Billing ✓ Online account access ⌚ 1 year contract ⌚ Variable-rate tariff ✓ Direct Debit see detail	Electricity Charges Day rate 23.23 cent Night rate 17.70 cent Peak rate 24.34 cent Standing charge €236.62 €1,234.41 estimated annual bill* see calculations	save €612.63 year one includes €25 cashback Proceed
 	Home Electric SST 5.5% electricity discount  Smart tariff ✓ Paperless Billing ✓ Online account access ⌚ 1 year contract ⌚ Variable-rate tariff ✓ Direct Debit see detail	Electricity Charges Day rate 28.93 cent Night rate 15.21 cent Peak rate 30.85 cent Standing charge €272.05 €1,262.50 estimated annual bill* see calculations	save €584.54 year one includes €150 cashback Proceed
	Home Electricity 41% 41% electricity discount  100% Green Electricity ✓ Paperless Billing ✓ Online account access ⌚ 1 year contract ⌚ Variable-rate tariff	Electricity Charges Unit rate 21.41 cent Standing charge €236.62 €1,270.12	save €576.92 year one

- Predicted annual saving based on same use as last year (COVID)
- 1 year contract
- Variable-rate tariff
- 100% green electricity
- <15mins

- This only changes the tariff – reducing usage in the long term is in our hands!

- www.bonkers.ie
- www.switcher.ie
- www.powertoswitch.ie