No Rooftop Left Behind

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SOLAR IRELAND

The Rooftop Revolution

No Rooftop Left Behind is Solar Ireland's flagship summer campaign.

Our aim? To accelerate the adoption of rooftop solar across the country — from homes and farms to schools and heritage buildings. With over 1 million homes suitable for solar PV, Ireland has enormous untapped potential.

By turning unused rooftops into sources of clean power, we can lower bills, reduce emissions, and support energy independence. This campaign highlights that opportunity while calling out the barriers that still remain.

"Every rooftop has a role to play. Whether it's a school, a supermarket, or a family home, solar puts power back in the hands of communities. No Rooftop Left Behind is about more than panels; it's about making the energy transition visible, local, and fair."

Ronan Power
CEO, Solar Ireland

Our Aim

As of mid-2025, Ireland has approximately 1,767MW of installed solar, a long cry from when Ireland's first solar farm was energised in 2022. Commercial, small-scale, mini-generation, and microgeneration rooftop installations provide 673.29MW of that capacity.

The Climate Action Plan now targets 8GW by 2030 - and rooftop PV is essential to achieving this goal. To do so, this campaign will:

1. **Inspire**
   Highlight solar's benefits for households, communities, and businesses.
2. **Showcase**
   Share real-world stories of rooftop solar in action.
3. **Breakdown**
   Address policy, planning, and cost barriers.

Benefits

Financial Supports

SEAI Grants: Up to €1,800 for domestic installations and up to €162,600 for businesses. Northern Ireland: Invest NI offers up to £150,000 for eligible sites.

Long-Term Energy Savings

Beyond the grants, solar delivers value over time. Reduced energy bills and export income can help systems pay for themselves within a few years, especially as energy prices rise.

Reduced Carbon Footprint

Ireland's Climate Act targets a 51% emissions reduction by 2030, with 80% of electricity from renewables. Solar is key to reducing emissions from buildings, vehicles, and heating.

Energy Independence

Solar empowers users to generate and manage their own electricity. Combined with battery storage and export payments, rooftop solar strengthens resilience and energy security.

Challenges

Grid Demand

Solar has helped countless households and businesses generate their own electricity during daylight hours, but growing rooftop deployment brings new grid demands. Curtailment may increase where local networks are weak, and frequency stability remains a challenge, requiring better active power control and smart integration.

Grant Reduction

Another concern is the planned reduction in SEAI rooftop solar grants, which would see support for homeowners drop to only €900 by 2028 - undermining solar adoption at a time when uptake needs to increase, particularly among households already struggling with energy poverty. Solar Ireland has requested that these grants stay as they are and not be reduced any further.

Dromoland Castle

History meets Innovation

A 16th-century estate turned five-star hotel, Dromoland Castle in Co. Clare is now powered by solar — without compromising its heritage.

Discrete panel integration by **Marval Power** delivers 42,000kWh/year, saving 25 tonnes of CO_2 annually. This is a model for how renewables can support preservation.

Project Overview

- 120 Solar Panels
- 34 kWp Solar System
- 42,000 kWh produced annually
- Carbon emissions reduced by 25 tonnes a year
- Integrated solar panels preserve castle's integrity

Fota Wildlife Park

Solar Generation, Wildlife Preservation

This 100-acre zoological park on Fota Island, just outside Cork City, runs on conservation and education.

Their new 240kW system (plus 90kW storage), installed by **PV Generation**, now provides up to 95% of their electricity needs – proof that wildlife and solar can thrive together.

Project Overview

- 240kW Solar System
- Over 1,100m² of solar panels and 90kW Huawei battery storage and Huawei Inverter
- BAUER SOLAR GmbH Glass on Glass Bi-facial Panels

Nourish Health Foods

Boosting Irish Business

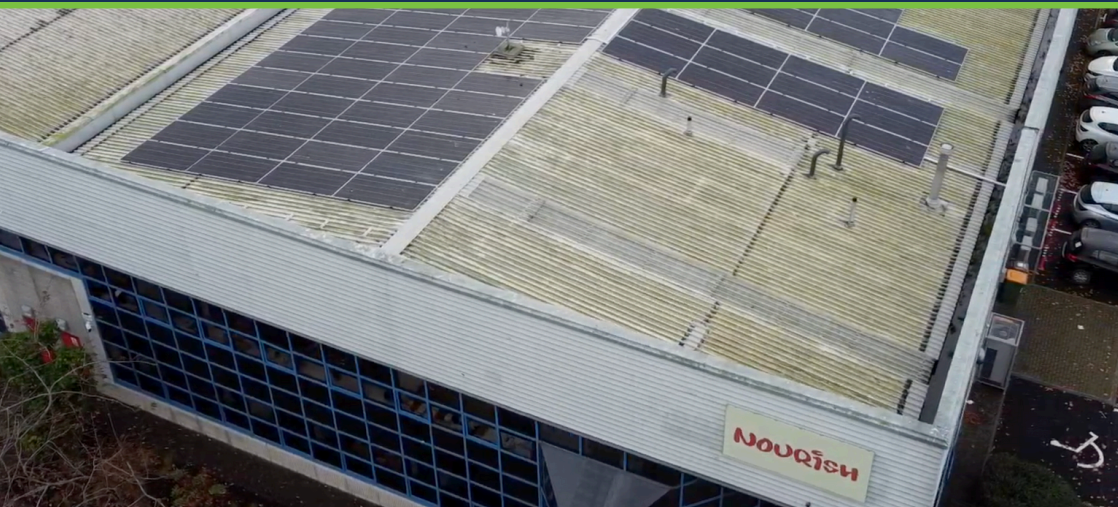
Thanks to **SolarSmart**, health food retailer Nourish now boasts a 38kW rooftop system generating 28,500kWh annually at their headquarters.

Nearly half their energy now comes from solar, lowering the Irish retailer's operating costs and boosting their climate credentials.

Project Overview

- 38kW rooftop solar system
- 28,500kWh per annum
- 68-panel system

Solar generates 47% of Nourish's electricity



Calasanctius College

The (Solar) Education System

Installed by **Solgrid**, Calasanctius College's 52.29kW solar PV system is designed to significantly reduce energy costs and shrink the college's carbon footprint, making a real impact on both finances and the environment.

The system was carefully installed to keep disruptions to students and staff to a minimum. Thanks to this project, the college now enjoys greater energy independence and a stronger commitment to sustainability.

Project Overview

- 52.29kW solar system
- 126 415W Q-Cells Tier-1 panels
- 40kW Huawei inverter
- Eddi diverter

Clonakilty Food Co.

Powering Production

Greenco proudly completed a 200kWp rooftop solar system installation for Clonakilty Food Co., a family-run business in West Cork know for its famous black pudding.

The system, made up of 488 high-efficiency solar panels and two Huawei inverters, will generate 141.37MWh of clean electricity every year with almost 88% used directly on-site to power operations.

This project not only supports Clonakilty Food Co.'s sustainability goals but also showcases the vital role solar can play in helping Irish businesses cut emissions and costs.

Project Overview

- 488 solar panels
- 200kWp solar system
- 141.37MWh produced annually
- Carbon emissions reduced by 218.34 tonnes a year

Carbon emissions savings equivalent to planting 299 trees a year

Pettitt's SuperValu

A Commitment for the Community

Since opening their first shop in 1946, Pettitt's is modernising their energy usage by hosting 660 solar panels on the supermarket's rooftop thanks to **Verde Energy Group**.

This impressive 300kWp system covers Pettitt's energy needs and will do so for years to come – a truly long-term commitment to environmental responsibility by a long-standing enterprise.

Project Overview

- 7 solar system installations on 7 rooftops
- 300kWp total capacity
- Payback time: 5.1 years
- Carbon emissions reduced by 68,054kg a year

Watch the "Day-in-the-Life" video

The Family Home

A Smart System for the Whole Family

This case study shares a homeowner's real experience with solar installation. With over 1 million Irish homes suited for solar, many remain hesitant. Pinergy's "Day-in-the-Life" on our Instagram shows how their team delivers a smooth, efficient install with minimal disruption.

Their app lets families track usage and generation in real time, encouraging smart energy habits and long-term savings.

"The install was fast, clean and completely stress-free — and now I can track everything from my phone."

SOLAR IRELAND

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Whether you're an industry leader, a growing venture, or just starting out in solar, Solar Ireland can help.

Find out more about membership:

CEO Council • Policy briefings • Executive forums
Speaking opportunities • Media exposure
Insights • Networking • Mentoring

Thank you to our contributing members

GREENCO
MarVal POWER
Pinergy SolarElectric
PVGEN IRELAND'S SOLAR EXPERTS
SolarSmart° Save with Solar
solgrid sustainable energy
VERDE ENERGY GROUP

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