



SOLAR PV SOLUTIONS

One of Ireland's leading Industrial and Commercial Solar PV and battery specialists. Fully committed to reducing our client's energy costs and carbon footprint with innovative energy solutions.





Who We Are

We are committed to assisting clients on their sustainability journey.

We are

- Degree Qualified Engineers in Electrical Services Engineering and Energy Management
- QQI Trained Solar PV and Micro Generation designers, installers, and commissioning agents
- Registered Electrical Contractors (REC)
- Registered Solar PV Installers
- Members of SEAI
- Members of Safe Electric Ireland
- Members of the Irish Solar Energy Association
- Quality, sustainable and LEAN management advocates



What We Do

A seamless service from feasibility to handover allowing you as a business owner or manager to focus on running your business with as little disruption as possible.

Our experience in the Electrical and Solar PV industry allows us to design and implement a strategy and power control system that ensures compliance with ESB regulations.



Our Mission

Our mission is to deliver high-quality, value-added services, guiding our customers in sustainable energy practices with micro-generation and 'behind the meter' systems.

We focus on helping them secure a future-proof energy supply, reducing both their carbon footprint and energy costs. Our goal is to foster a cleaner, sustainable future for our families and generations to come.





Why Us

Our management and staff bring their experience from working in all sectors of the commercial and industrial electrical industry to ensure that our customers specific requirements and expectations are not only achieved but exceeded.





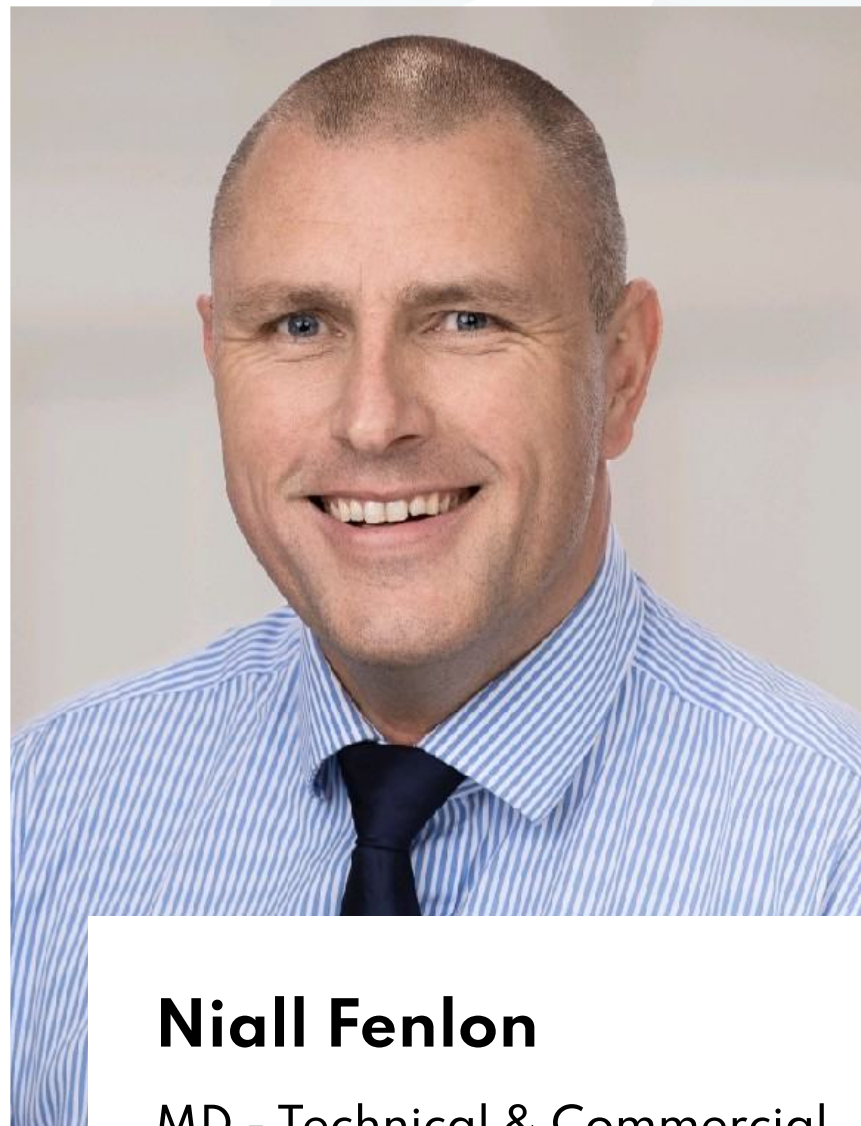
Our Team

Resourced with a strong team of engineers, electricians, roofers, and support staff, Infinite Energy are fully committed to seeing our projects completed to the highest standards from feasibility, right through to handover. With demand for Solar PV at record levels, Infinite Energy is growing. By keeping our focus on quality – we are carefully selecting like-minded people to join our team as we continue to work to the highest standards for our customers.



Niall Fenlon

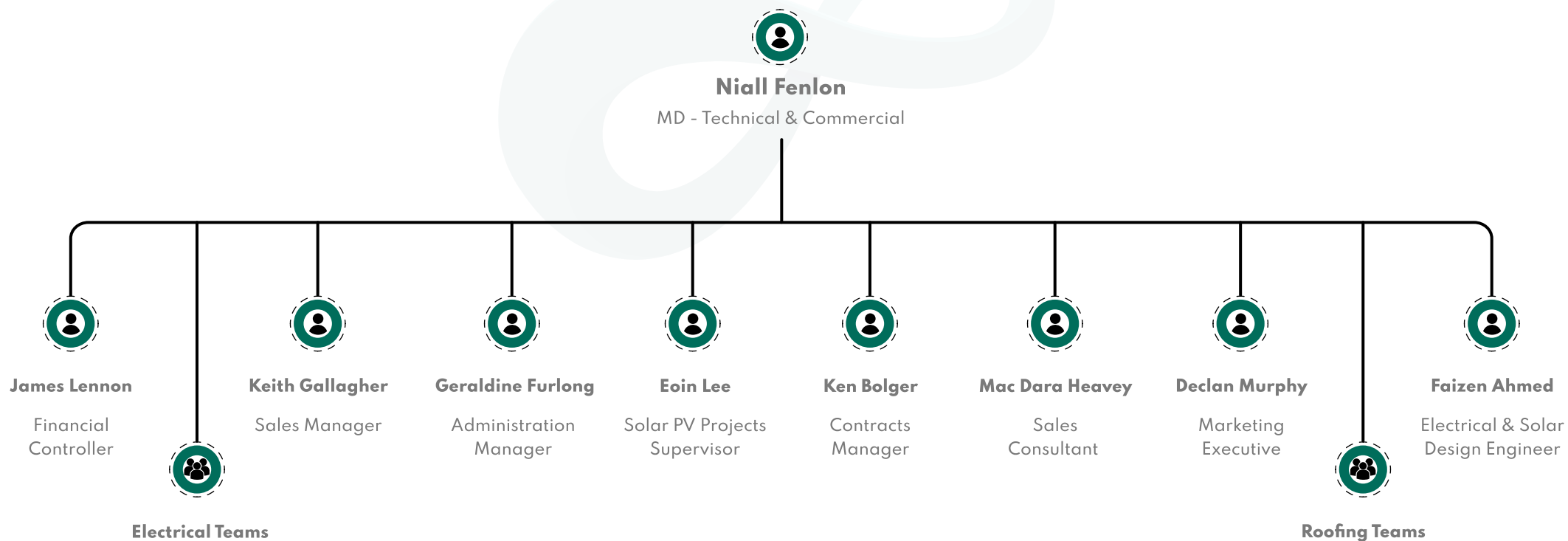
Infinite Energy was set up by Niall Fenlon to help tackle both the energy crisis and assist in the Government's Climate Action Plan of Net Zero by 2050. Niall has a strong background in Electrical Engineering and has worked in Ireland and Australia, at senior level, across a diverse range of projects.



Niall Fenlon

MD - Technical & Commercial

Organisational Structure



Products And Services



Commercial
Solar PV



Battery
Storage



3D
Modelling



Domestic
Solar PV



Lighting
Retrofits



Modular Fabrication
and Deployment



EV
Charging



Energy
Surveys

Projects



MSD



Location
Carlow



System Size
362 kWp



Annual Savings
€110,160



Duration of works
3.5 weeks



Payback Period
3-4 years



Annual CO2 savings
260,100 Kg

Merck Sharp & Dohme are among the worlds largest pharmaceutical manufacturing companies with 43 global manufacturing sites in 19 different countries while distributing its products to 181 different countries.

Infinite Energy were engaged by Suir engineering to work with the pharmaceutical giant to implement renewable solar energy to their plant, using their large roof space to install 852 solar pv panels in an 362 kWp install. In a strategic partnership, Infinite Energy assisted MSD align sustainability goals, cut energy costs, and reduce grid reliance.

Projects

UISCE ÉIREANN



Location
Westmeath



System Size
176 kWp



Annual Savings
€46,714



Duration of works
2.5 weeks



Payback Period
3-4 years



Annual CO2 savings
110,298 Kg

Uisce Éireann operates the Portloman Water Treatment Plant in Lough Owel, near Mullingar, Westmeath, providing essential drinking water to Mullingar and its surroundings.

Infinite Energy was engaged by Murphys/SBE Engineering on behalf of Uisce Éireann to install a substantial solar array, comprising of a 176 kWp, leveraging the treatment plant's extensive roof space. This solar PV system enhances the plant's existing sustainability efforts. Infinite Energy is proud to have assisted Uisce Éireann in advancing the organisations goal of achieving 50% water energy efficiency by 2030.

Projects

ABBOTTS



Location
Kilkenny



System Size
254 kWp



Annual Savings
€91,440



Duration of works
3 weeks



Payback Period
3-4 years



Annual CO2 savings
194,310 kg

For over 135-year Abbott has been a pioneer in breakthrough products in diagnostics, medical devices, nutrition and branded generic pharmaceuticals. Today, the multinational company has 31 manufacturing sites and 12 development centres around the world. Their latest manufacturing plant in Kilkenny focuses on diabetes care and is set to open later this year.

Infinite Energy, engaged by Suir Engineering, are in the final phase of a large solar installation on the new Abbott Kilkenny plant. This system will save the organisations substantial energy costs while also offsetting their carbon emission significantly. *This project is currently ongoing.



Projects

THOMPSONS ENGINEERING



Location
Carlow



System Size
100 kWp



Annual Savings
€28,575



Duration of works
2 weeks



Payback Period
3-4 years



Annual CO2 savings
260,100 Kg

Thompsons of Carlow holds the distinction of being Ireland's oldest engineering company, with a specialization in manufacturing steel foot and road bridges, as well as crafting specialized bodies for high-performance industrial vehicles, alongside various other industrial and technical items.

In a strategic partnership with Infinite Energy, Thompsons successfully integrated a 100 kWp system at their production facility, resulting in a remarkable reduction in energy overheads and a commendable contribution to shrinking their carbon footprint. Due to the success of this installation Thompsons have engaged Infinite Energy to install an extra 130 kWp in the coming months.



Testimonials

Mondello decided to go solar whilst also introducing electric vehicles as part of our sustainability project. We realise motorsport is not the most sustainable industry and wanted to do what we could to improve that and save energy costs.

The installation by Infinite Energy was seamless; everything was done in just over a week, they installed a 115 kW system, so it's pretty significant. The team went out of their way so there was no disruption to our business. Sometimes they had to work around activities on the circuit. When the installation team left, everything was tidy as if they weren't even there.

Ian Beatty, Operations & Sporting Director
Mondello Park

“

We'd highly
recommend Infinite
Energy and if anyone
has any questions about
their work, we would be
happy to answer them.

 **Mondello Park**

Testimonials

Suir Engineering awarded Infinite Energy the solar pv package for one of our pharmaceutical projects, MSD Rathgall, Carlow.

From the initial engagement with Infinite, the project team were very knowledgeable, competent and professional.

Potential issues to the construction programme were identified and communicated in advance allowing the installation to progress in line with all programme timelines.

Fran Conroy, Projects Director
Suir Engineering

“

I would highly
recommend Niall and
the Infinite Energy team
for all future large-scale
projects.



Testimonials

We have worked with Niall and the Infinite Energy team on several occasions over the last number of years. In all cases Niall and the team were found to be professional and diligent in their approach to projects. We would have no issues dealing with Infinite Energy in the future.

Cian Dowling, Director
Axiseng

“

Niall and the team were found to be professional and diligent in their approach to projects.



axiseng
consulting engineers

Clients & Partners



Accredited Bodies





Contact Us



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