

**ELITE  
ENERGIES**

*A DIFFERENT CLASS*



**WE CAREFULLY SELECT THE HIGHEST  
QUALITY PRODUCTS FOR USE IN  
OUR INSTALLATIONS**

**MAKING US THE BEST IN CLASS  
WHEN IT COMES TO RELIABILITY**

# Energy Costs

---

Every day we open newspapers, switch on the TV or Radio, we are reminded about the spiraling price of oil and energy costs in general.

At this stage we know fossil fuel is being used at a rate that cannot sustain its extraction from the earth, not to mention its finite supply.

In 2005 you could purchase a litre of home heating oil for 48 cent which at that time was considered expensive! It is now 70% higher and is heading only on an upward curve.



# Why It Makes Sense To Switch?

---

- Oil has a history of supply from politically unstable regions
- The worlds reserves are now at less than 25%
- Demand now exceeds production
- Energy costs continue to rise



# Our Mission

---



**To Provide Long Life  
Energy Systems**



**That Will Protect  
Our Planet**



**Provide You With  
Loads Of Hot Water**



**While Saving  
You Money**



# PV Installations

— — — — —  
We would need far too many pages to list all our PV installations so here are a few that we have carried out Nationwide



# Who We Are

With 80 years combined experience in the energy industry we have positioned ourselves as leaders in the Irish market today. Through combining our expertise with that of world leading manufacturers, Elite Energies are spearheading the future in groundbreaking sustainable energy.



OVER 3.5 THOUSAND  
HAPPY CUSTOMERS  
NATIONWIDE

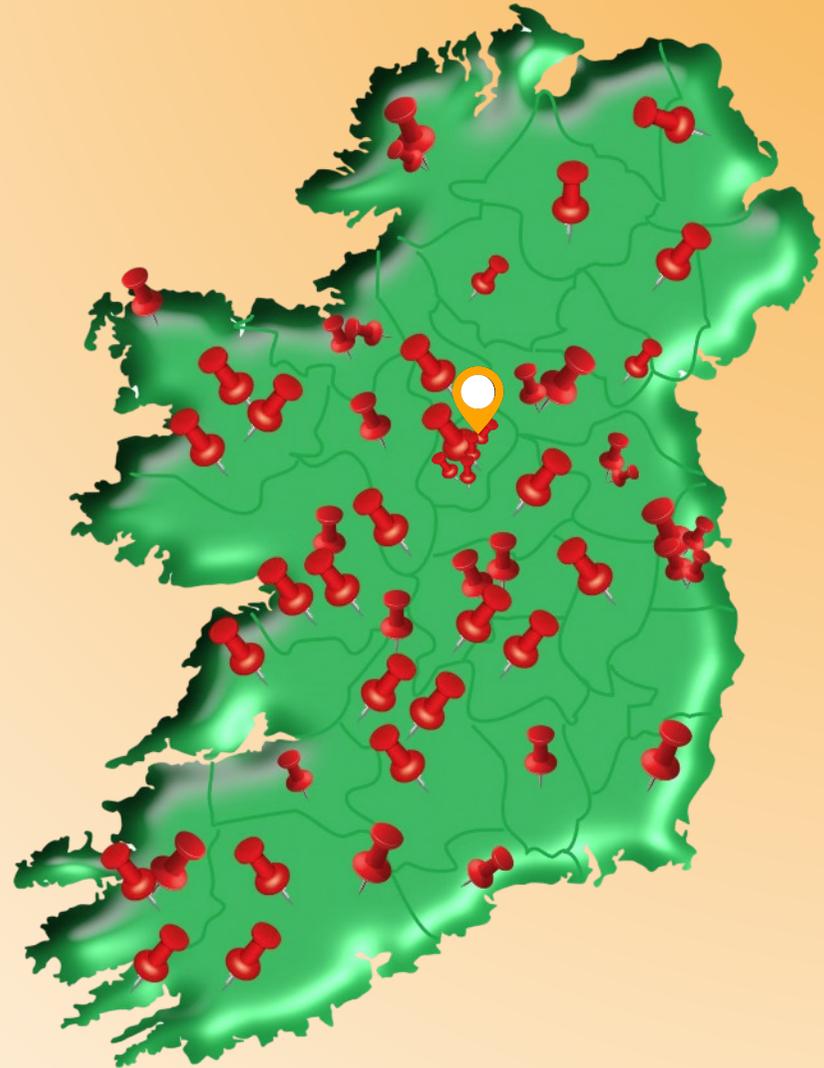


# Where We Are

---

Our factory and head office is strategically based in Co. Longford. This gives us a distinct and centralised advantage when it comes to operating and supplying our services Nationwide.

Having grown into a formidable player in the solar energy supply business, Elite Energies have carried out countless installations right across the country.



# What We Can Do For You

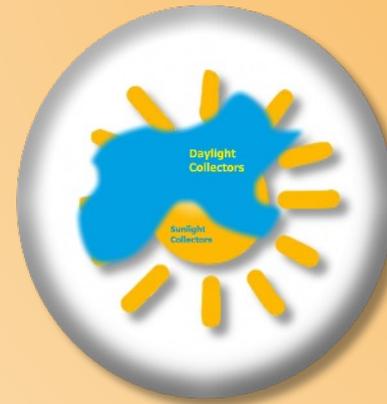
---



**Protect Your Income**



**Manufacturers Warranty & 35  
Year Guarantee  
On Some Products**



**Solar Panels That  
Harness Daylight  
No Direct Sunlight Required**



**Pay For Itself With Money You  
Would Otherwise Give To Your  
Current Fuel Providers**



**Once Installed Our  
System Runs  
On Autopilot**



**Great Flexibility On Your Roof,  
South, East, Or West Facing**

# Still Want More Benefits ?

---



**Quick Payback Time**



**Reduced Carbon Footprint**



**Increased Disposable Income**



**Loads Of Hot Water**



**Increased Home Sale- Ability**



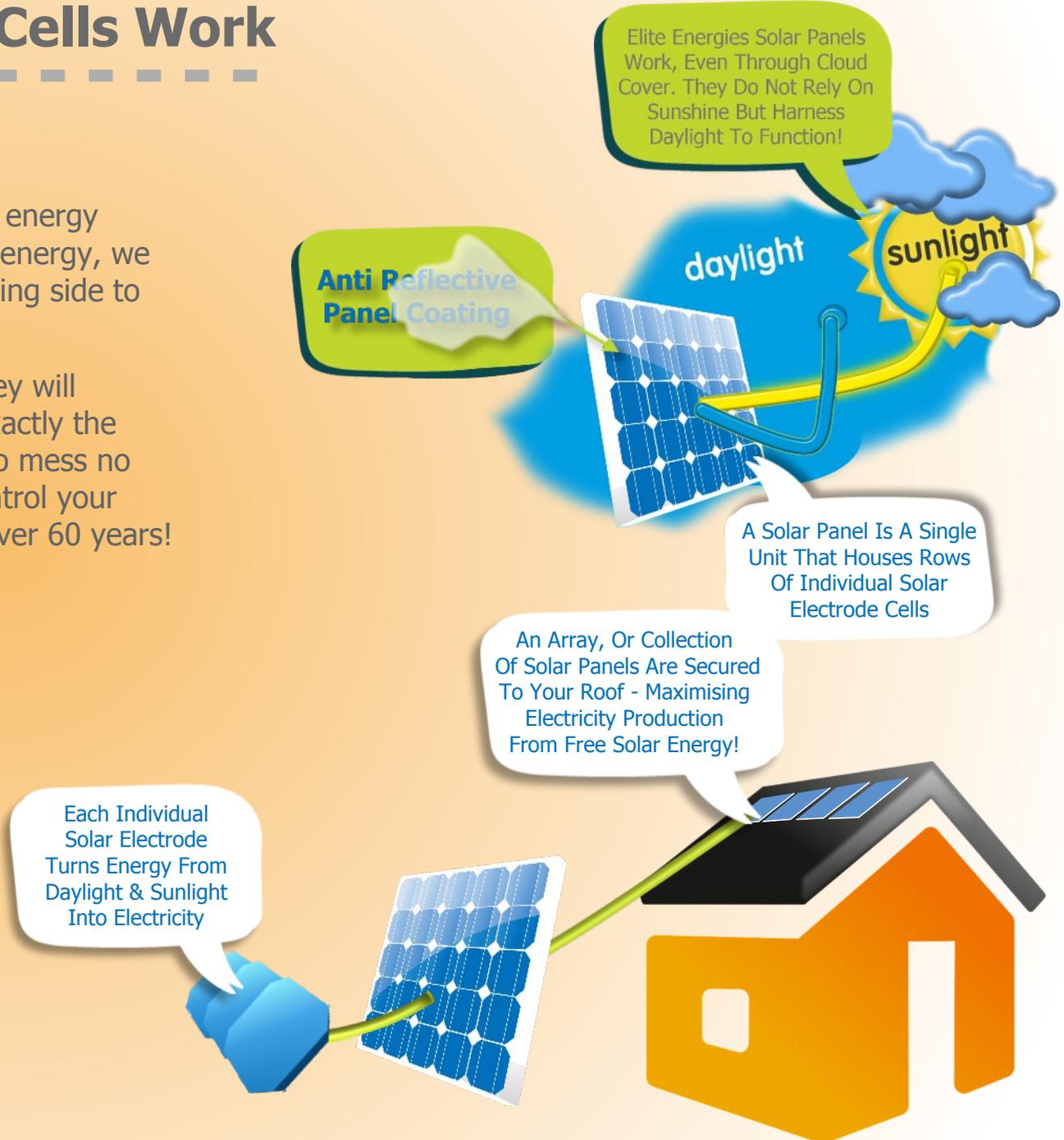
**Use Numerous Times Daily**

# How Solar Panels & Cells Work

## PHOTOVOLTAIC PANELS

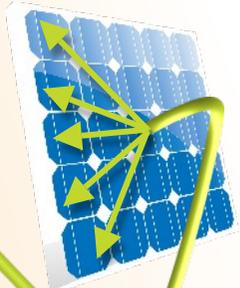
These are fast becoming the go to solar energy product globally. In terms of renewable energy, we are finding these installations an increasing side to our business in Ireland.

Photovoltaic panels make electricity. They will supplement your electricity & work in exactly the same way as your ESB supply. With a no mess no fuss installation, our PV systems will control your energy bills for years to come, in fact, over 60 years!





This Single Mono-Crystalline Electrode (Solar Cell) Works With Hundreds More On One Solar Panel To Produce Free Electricity

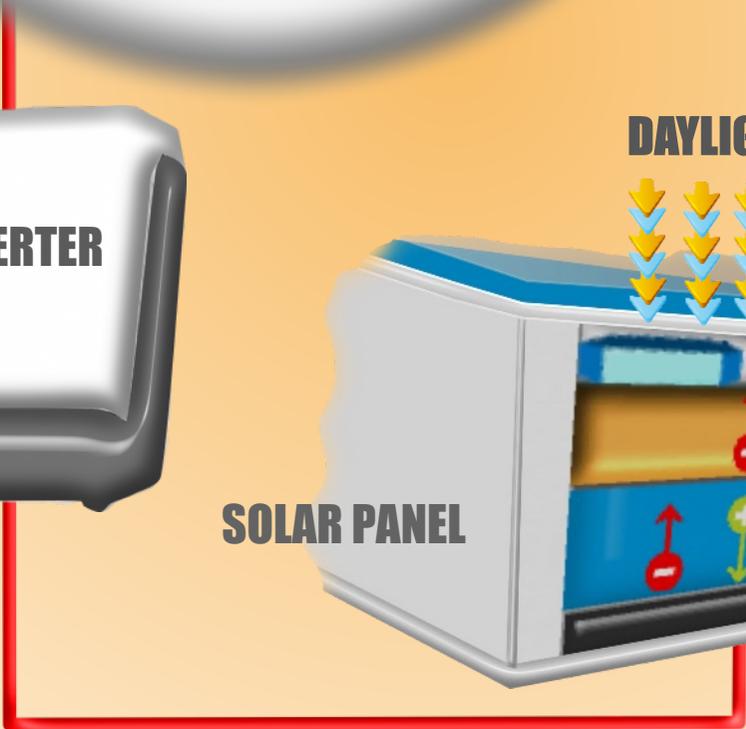


**DAYLIGHT // SUNLIGHT**

**SOLAR PANEL**

- ← ANTI REFLECTIVE COATING
- ← SOLAR ELECTRODE CELLS
- ← N TYPE P+ SILICON
- ← B TYPE B- SILICON
- ← REAR ELECTRODE

**CURRENT / FREE ELECTRICITY**

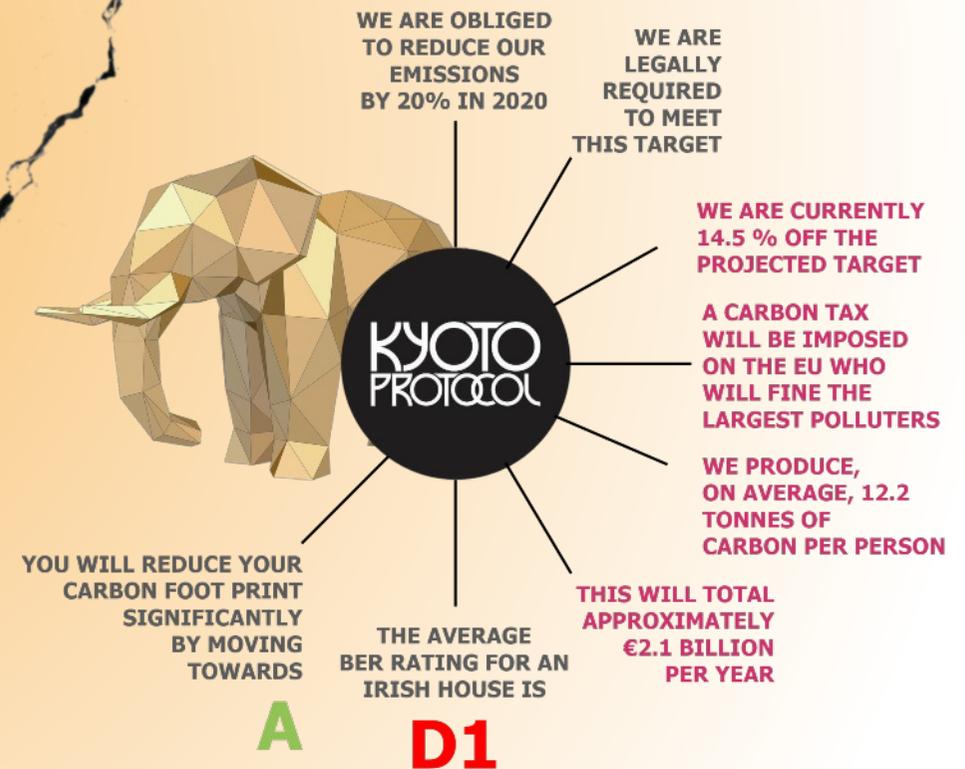


# The Elephant In The Room



## Carbon Tax

- Ireland joined the Kyoto Protocol in 1992 which became law in 1997
- We have only managed to reduce our carbon emissions by 1% since then
- Globally, we remain the second highest contributors of carbon per head of population
- We face a whopping €150 million fine for every percentage we are behind in protocol targets
- This tax will be applied to homeowners based on the energy efficiency of their homes
- Energy has increased 8% per annum over the past 30 years
- 1 litre of oil is equal to 3.5 kg - 1000 litres of oil is equal to 3.5 tons of carbon
- The SEAI Grant is in place to reduce carbon and nothing else



# The Elite Edge

**GLASS FOIL PANEL** - 12 year product warranty and 25 year linear performance warranty

+ The Pylontech Battery

Extensively Tested PID Test Passed

Positive Tolerance 0- 4.9W

Module Efficiency up To 18.75%

15 Year Product Warranty

## High Quality & Output

The Elite Edge solar module portfolio consists of modules with a very high yield which meet the highest quality standards. The many tests that both the components and the solar panels have to undergo guarantee this quality. This ensures optimum performance throughout the lifetime of the product.

## European Brand

The Edge modules are produced in Europe. With European production facilities you are always sure of a quick availability of the Edge solar panels

## Excellent Warranty

For the 15 years manufacturer's warranty and the 25 years linear power output warranty, you can simply contact Solar clarity in the Netherlands.



## The Pylontech Battery

It's long life character, high energy and power density, fashionable design, easiness of installation and expansion, all reflects the real requirements of end users and strongest technical capability of Pylontech.



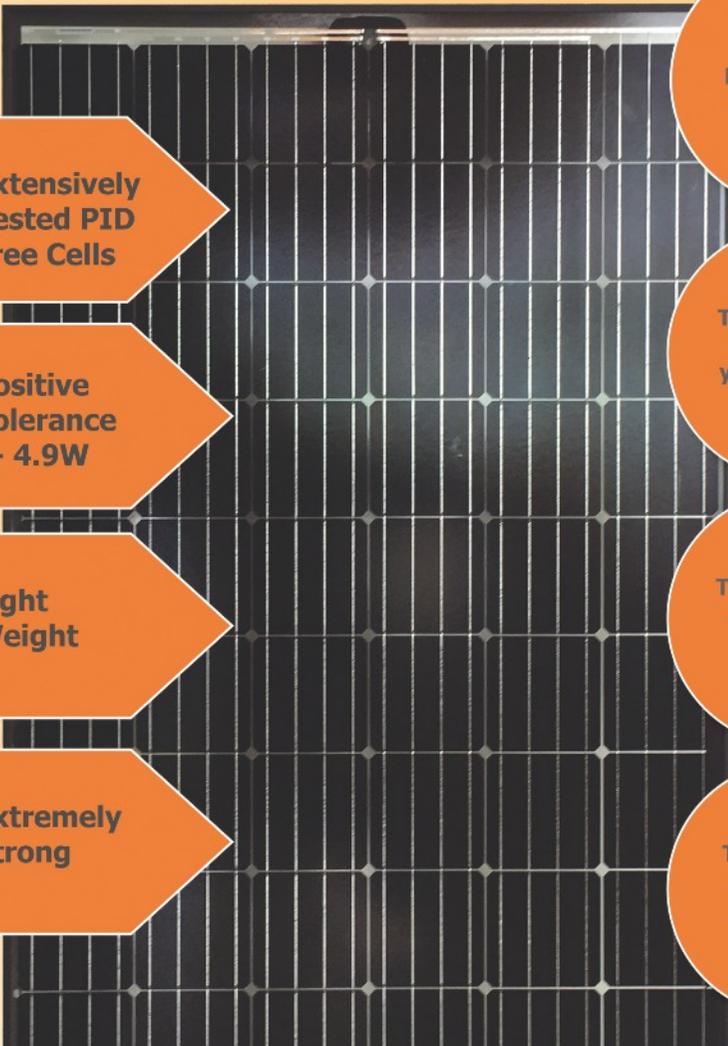
100% EL tested / Fire Resistant / PID free cells / 15 Year Factory Warranty & 35 Year Linear Power Output Warranty

eliteenergies.ie

# The Elite Evolve

**GLASS GLASS PANEL** - 35 year warranty  
system Performance

+ The LG RESU Battery



**Extensively Tested PID Free Cells**

**Positive Tolerance 0- 4.9W**

**Light Weight**

**Extremely Strong**

**Glass Is Tough Stuff!**  
The central advantage glass on glass solar panels offer is that glass does not age. The cells are also protected against salt, mist, ammonia and hail storms. These modules can easily last for several generations

**European Brand**  
The Elite Edge solar panel modules are produced in Europe. With European production facilities you are always sure of a quick availability of our Edge solar panels.

**Non Reflecting Glass**  
The specially developed, non-reflective solar glass and the PID free high efficiency cells ensure our Edge solar modules will provide an excellent performance and an optimum yield

**Light & Robust**  
The Edge glass glass module has been designed with aesthetics in mind. Also, with a weight of 21.5 kg, the Elite Edge modules are proven to demonstrate outstanding durability against external pressure up to 5400 Pa



## The LG Battery

With 22 years of experience in successfully delivering products and solutions to customers in the global energy sector, LG Chem is recognized as the industry leader in Lithium-ion battery manufacturing.



100% EL tested / Fire Resistant / PID free cells / 35 Year Factory Warranty & 35 Year Linear Power Output Warranty

eliteenergies.ie

# The Elite Exceed

**GLASS GLASS PANEL** - 30 year product warranty and 60 year life span

+ The My Reserve Matrix Battery

Powerful & Tough Panels

Made By The BMW Group

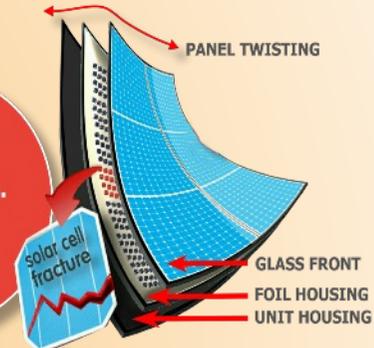
Much Stronger Than Glass On Foil Panels

Our Best Selling Panel



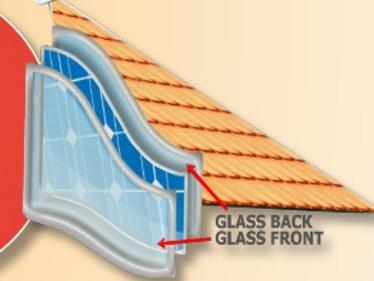
## Glass On Glass Or Glass On Foil?

Our glass on foil panels come with a lengthy guarantee but they are not as strong as our glass on glass modules. The weather undoubtedly has a huge effect on solar panels causing various stresses to the unit. When cells fracture, the panel just cannot perform optimally.



## Tougher Panel, Greater Warranty!

The two glass layers on the front and back of our modules reliably prevent intrusion of moisture or aggressive acidic substances. This protects the high-performance (PERC) cells inside the modules from premature aging or malfunctioning. Double sided glass makes these panels extremely sturdy



## Tested & Proven In The Field!

A normal hail test only uses hailstones with a diameter of 25 mm and a speed of 85 km/h. Our manufacturing partners wanted to be certain so they upgraded the test to launch hail stones with a diameter of 45 mm at the module at 110 km/h. Conclusion: not even a scratch!



**The Elite Exceed Is Our Recommended Solar Product**



## The Elite Solarwatt My Reserve Matrix Battery

The size of a shoe box, it can be configured in almost any number and built to your exact specifications.

It is extremely economical and easy to expand to maintain cost effectiveness.

# What's In The Box ?

**Total Control** Know what your power station is producing and how you are managing your own electricity with our APP



**The Power Station On Your Roof** Elite Energies Solar Panels

**The Cables That Supply Free Electricity** Directly From The Solar Panels



**The Eddi Hot Water Heater** This is wired to the hot water cylinder in the hot press. Your hot water from surplus electricity which would otherwise be lost to the grid.



**The Elite Energies System Inverter** This ensures your home uses free electricity from your roof and not electricity from your utility provider

**The Elite System Battery** This manages fluctuations on the electricity you need during the day and stores any extra electricity for night use.

