





Snowdon Domes is leading the way in the UK with our unique yet very functional geodesic Glamping Pods and Garden Rooms. Their geodesic shape being one of the strongest forms found in nature makes these domes ideal for windy locations and a great way to connect with the natural world. Built to last and to fit in to any environment, a great way to celebrate nature.



Making a more sustainable future affordable.

Our domes are built to last. We use high quality, sustainable materials on our domes to ensure longevity and building techniques that means you will get decades of life from your dome.

Installed By Our Own Team

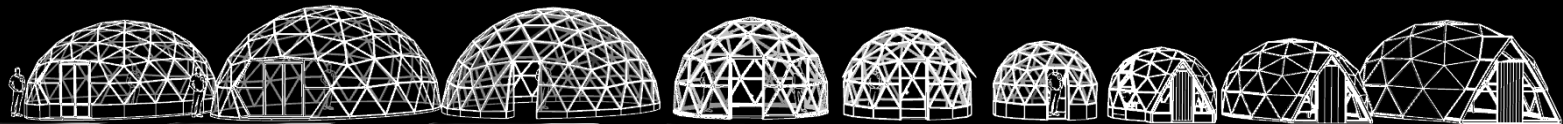
All our domes are installed by our own specialised installation team, meaning you do not have to worry about a thing when your dome arrives.

10 Years Warrenty

We offer a 10 year structural warranty on all our domes, although they should last a few decades with the modern techniques we use to build the domes.

All Year Round

As our domes are made from solid natural materials and well insulated our domes are suitable for all year round use, so no closing up when the cooler weather arrives.



Why Our Domes?



Timber Frame

Our dome frames are made from the highest quality treated timber to ensure strength, longevity and stunning looks.

Each triangle is cut using precise technology to ensure each joint is perfect to maximise the strength of the geodesic form.

We also build each individual triangle so should one need replacing later in life they can simply be unscrewed and replaced making maintenance very easy.



Windows

We use the highest quality polycarbonate glass on all our domes.

The polycarbonate is 100x stronger than glass so safety is our highest concern. It is also has a UV coating on the polycarbonate to protect it from harmful UV rays.

All our domes come with atleast 2 opening windows to allow better air circulation on those warmer days. Although the geodesic shape does make them 30% more efficient at heating.



Cladding

We use high grade cladding on all our domes.

The Western Red Cedar has natural preservatives within the wood that ensures a very long lifespan.

The Redwood cladding is also thermo treated, giving it a lifespan of 30+ years.

We also use multiple layers of waterproofing to ensure your domes stay nice and dry on the inside and well insulated.



Geodesic Shape

Why do we use the geodesic frame?

Well simply put it is one of the strongest forms found in nature and has incredible strength, able to withstand heavy loads and earthquakes. It is also very good for windy locations as its natural shape makes it very wind resistant and has been reported to withstand hurricane winds.

Plus its such an amazing shape, with good energy.

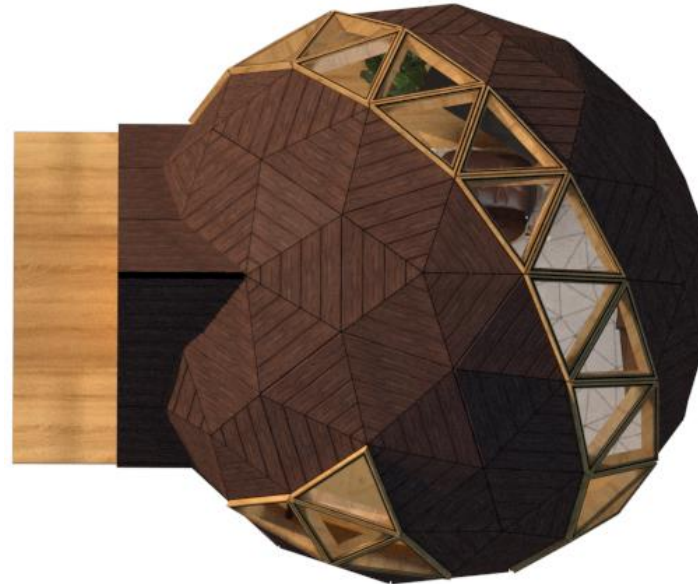
Tryfan

Our Smallest Pod is the Tryfan. This pod has a unique wrap around window that will give stunning views, day and night, and large A frame door that really connects you with the outside world.

3.5m (11.5ft) Diameter

- Garden Room
- Garden Office
- Studio
- Yoga/Meditation
- Small Bedroom

All our domes can be customised as we build everything inhouse. If you are wanting a different window layout, cladding etc we can change this for you.



Crib Goch

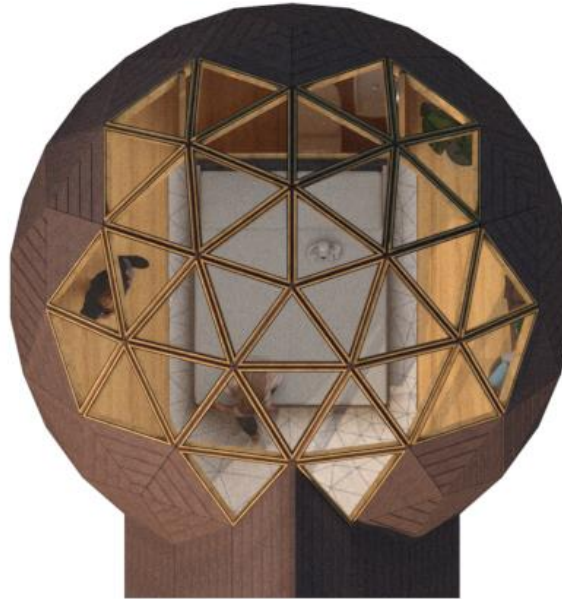
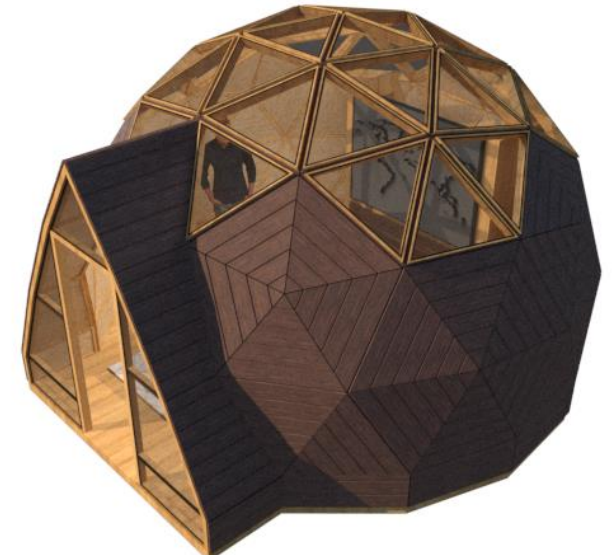
A reasonable sized Pod that allows a little more space than the Tryfan. Has a large skylight window to take in the night sky. Again our stunning A framed doorway to allow for maximum light and connection to the outside world.

4.5m (14.8ft) Diameter

- Glamping Pod
- Garden Room
- Garden Office
- Studio
- Yoga/Meditation
- Large Bedroom

Looking for more space, we can connect our domes together to provide different rooms and more living space.

**Interior is an example of one layout of your dome.*



Snowdon

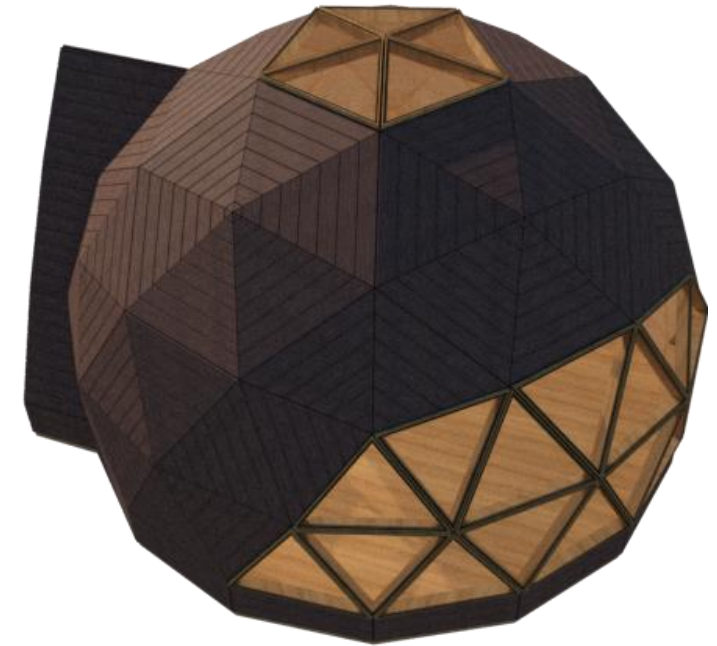
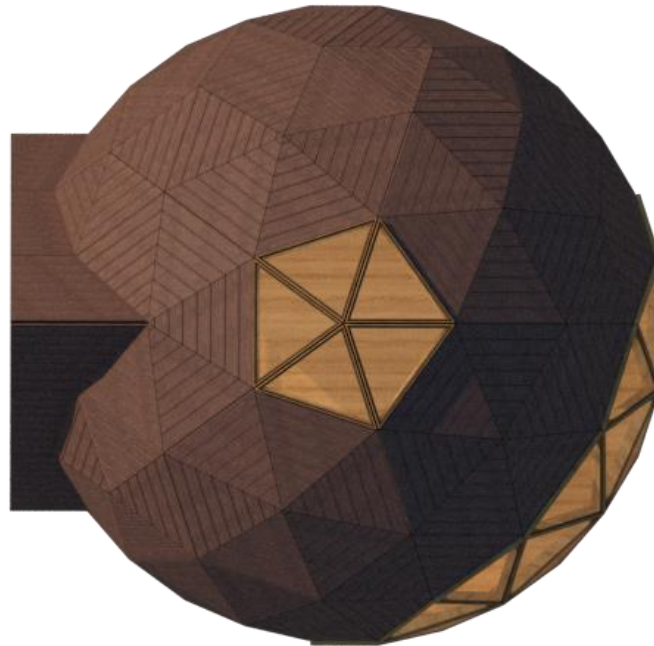
One of our more popular pod designs is this, the Snowdon. Large enough to have a mezzanine floor which allows for a raised sleeping area, toilet/shower room and small kitchen area. Making it an ideal pod for Glamping or Air B&B.



5.5m (18ft) Diameter

- Glamping Pod
- Air B&B
- Garden Room
- Studio
- Outdoor Classroom
- Yoga Studio

If you need something a little larger, we can accommodate your needs as we design and build everything inhouse. Get in touch with us today so we can start your design.



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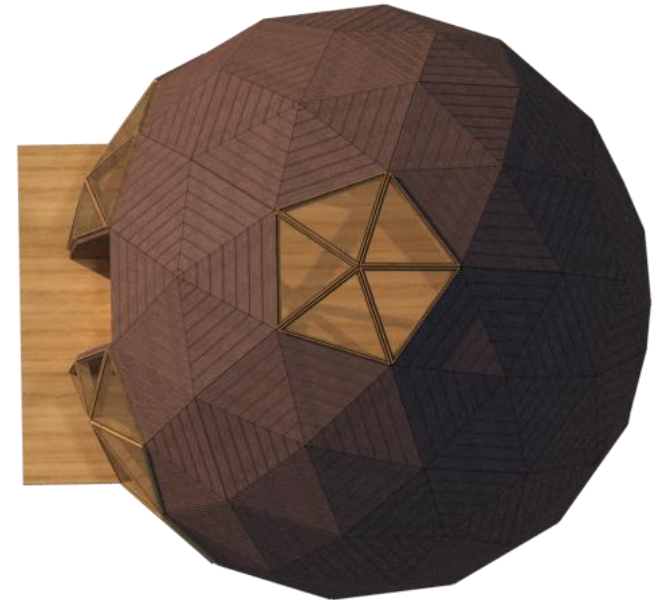
Here is a custom design for a client who only wanted windows at the front of their dome. We removed the A frame doorway to allow for a more panoramic view from inside the geodesic domes. Ideal for a little more privacy or to take in a stunning view.



5.5m (18ft) Diameter

- Glamping Pod
- Air B&B
- Garden Room
- Studio
- Outdoor Classroom
- Yoga Studio

If you have a specific design in mind then get in touch with us and we can start your design today.



Cadir Idris

Our latest design that incorporates building regulation(UK) standards. Increasing the frame size to accommodate thicker insulation in our domes and a few other tweaks.

6m (19.7ft) Diameter External

5.7m (18.7ft) Diameter Internal

- Glamping Pod
- Air B&B
- Garden Room
- Studio
- Outdoor Classroom
- Yoga Studio

These domes are ideal for colder climates as insulation is thicker than our usual pods and are designed where building regulations are required.



The Armadillo

A hybrid design between a Geodesic Dome and a conventional Pod, but still very unique and stylish. Designed to be delivered on site as a ready to go Pod. The basic pod comes with double glazed windows, two door entrances, side and front, cladded wooden sides, felt roof tiles, insulation and flooring.

6.4m (21ft) x 3.2m (10.5ft)



Foundations



Do you need foundations?

We build all our pods on a solid platform so providing the ground is solid enough then there is no need to pour masses of concrete. The platforms are raised on many legs and only require a solid slab to sit them on so they are not in direct contact with the ground, or ground anchors for a more solid fixing. This also means that the building is not classed a permanent structure as a crane could lift the whole building or be dismantled if needed.

Construction



How we construct our pods.

All our Pods are constructed the same way unless otherwise stated. We have the outer layer cladding, an air gap, then a layer of Tyvek over a shell of OSB. This is all placed on the outside of the geodesic framework. On the inside of the frame we fit 25mm insulation and then this is covered with a thin layer of Birch/Larch plywood. This way the frame is still visible from the inside, why would we hide all that beautiful wooden frame after all the work that goes into it.



We can also design and supply custom interiors for your domes. Designed and built by expert craftspeople to give your dome a unique and welcoming feel.





The Snowdon Pod clad in Western Red Cedar. This Pod has a custom interior with spiral staircase leading to a mezzanine floor. Underneath we installed a toilet/shower room and small kitchen area and 12v electrics to make the Pod completely off-grid.

Our Range of Geodesic Glass Pods

These make great Stargazing Pods, Social Areas, Dining Rooms, and Greenhouses.

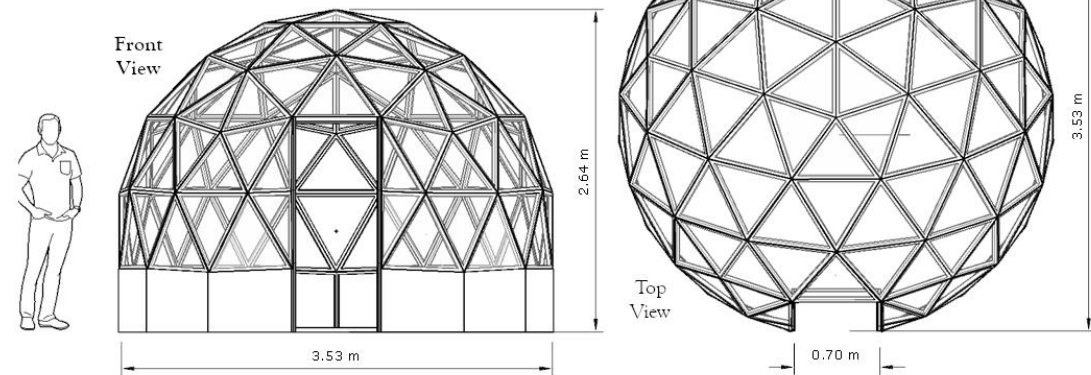


Betws Y Coed

The smallest of our glass pods but still plenty of room to dine or sleep under the stars, as well as a nice size to grow veg and flowers as a greenhouse. Our most popular glass house.

3.5m (11.5ft) Diameter

3.5m Geodesic Dome Greenhouse Plan

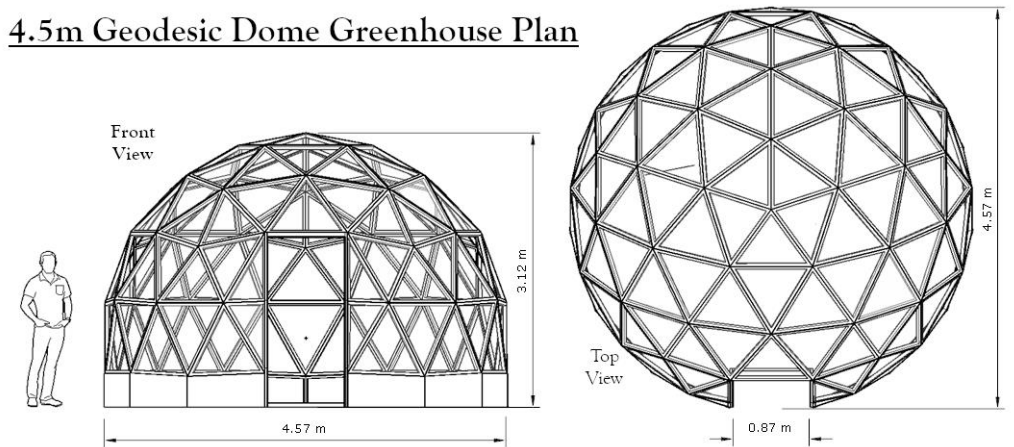


Beddgelert

Slightly larger than the Betws Y Coed glass pod but still plenty of room to dine or sleep under the stars, as well as a nice size to grow veg and flowers as a greenhouse. Our second most popular glass house.

4.5m (14.8ft) Diameter

4.5m Geodesic Dome Greenhouse Plan

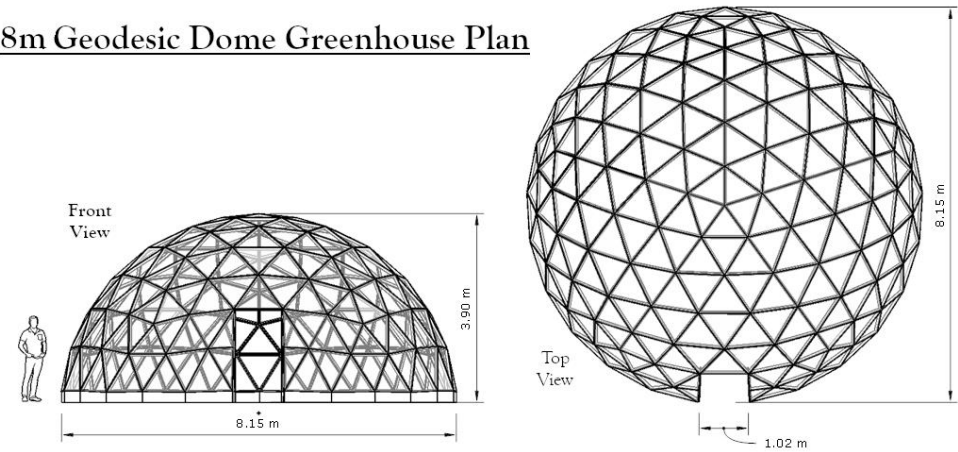


Llanberis

The largest of our glass pod to date has room for multiple dining spaces but still suitable for sleeping under the stars, aswell as a very nice size to grow veg and flowers as a greenhouse. Or a stunning social area.

8m (26.3ft) Diameter

8m Geodesic Dome Greenhouse Plan



Delivery and Installation

We deliver and install all our domes within the UK. Our expert team of dome builders will personally assemble your dome on site. This can vary from a couple of days to a couple of weeks depending on location and size. Contact us to make sure of time frame and cost for your location.

Foundations

Do you need foundations for our glass Pods?

Yes, for the smaller domes (under 4.5m diameter) a simple ditch filled with gravel and compacted to allow water to drain away. For the larger pods we recommend concrete or similar to help support the dome.

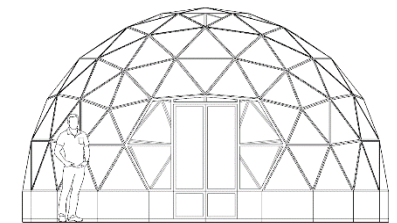
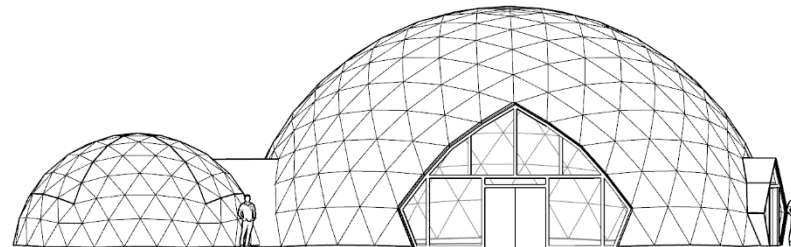
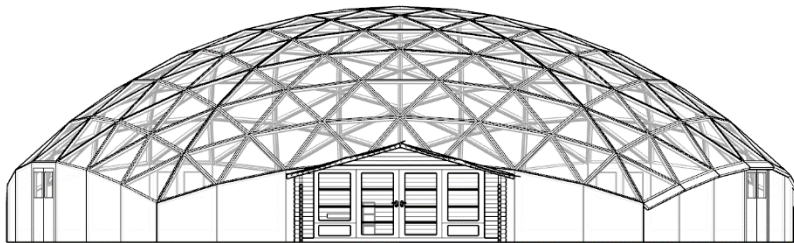
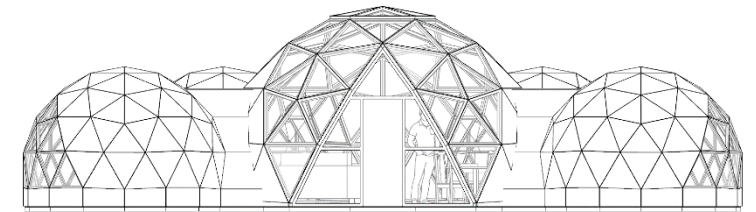
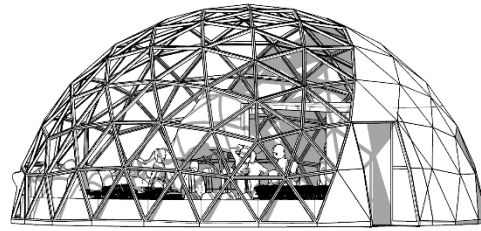
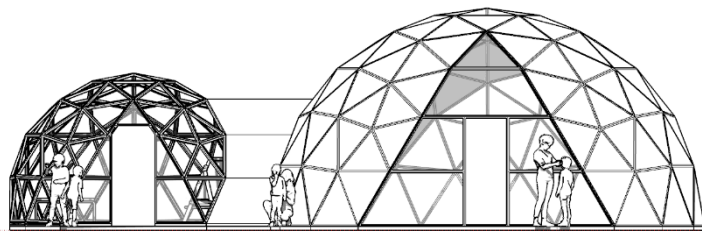
This needs to be in place before delivery of your dome can take place and be level otherwise, we cannot deliver and install your dome.



Custom Pods & Geodesic Domes

We build everything from the ground up, so if you are looking for a certain size dome, a different finish to your dome, custom interior or maybe a series of domes attached together to add more space and private spaces then get in touch with us so we can start your design.

- Classrooms
- Studios
- Office Spaces
- Event Area
- Wedding Venue
- Retail Area





Snowdon Domes

Geodesic Design
& Construction

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