Easy Domes
Building kit dome-houses
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Introduction to Easy Domes

The Easy Domes concept conveys an easy built dome-house. And certainly it is very easy to build both for professionals as homebuilders who have knowledge on how to use simple tools.

Easy Domes main intention is to make it possible to build a high quality and sustainable house at a cost as low as possible.

Easy Domes Ltd. delivers the dome load-construction, the windows and the aluminum flashing, incl. fittings for mount. Here one important issue is that all other components are standardized and available on the building market.

The load construction has an uppermost precision standard with predrilled holes for mounting. The Easy Domes concept, compared to most of dome-competitors, have no special steel connectors, but only standardized fittings for all work from start to finish of the house.

All Easy Domes products have the goal to be sustainable, recyclable and ecofriendly materials. All domes are rated to stand within wind speed at 100 m/sec. (200 miles/hour) with one meter of wet snow on roof laid with 15 cm of turf (most heavy material). All material and devices are certified from state and governmental institutions within the European Commission. Building techniques and arrangements in the Easy Domes concept are all according to legislation and standards/codes within same European Union.

Small domes can be erected by manpower while bigger domes need a crane. The structure is suitable for all kinds of terrain and implementable to all climate conditions. The spatial building offers many interior arrangements, low energy and sustainable building possibilities as addition of two or several domes.

The development

The technical and professional competence in the development of the Easy Domes geodesic plate structure building system has its basic in research and experiments from the danish technical university and architectural academy during the 1970 ties. Common issues were research and experiments on many sided Platonics polyhedra with extreme geometrical characteristics.

The Easy Domes structure obeys the theory for an polyhedron: 

\[ f + v = e + 2 \]

and has been built and tested in different full scale examples proven its capability obeying several competitive advantages on a commercial building market, as offering a high quality, low cost and sustainable housing solution.

EASY DOMES MAIN HEADLINES

1. A highly systemazet and industrialized product in wooden materials.
2. A quick assembled and userfriendly product.
3. Construction load demand and condition set to withstand wind to 100 m/sec.
4. Earthquake resistant.
5. Environmental implementable worldwide.
6. Technical, energy and cost effective.
7. Fulfill of international transport demands.
8. Offering product guarantee, assistance and supervision on delivery.

EASY BUILD DOME-HOUSES

There is a dome-house for everyone, you can choose from these:

- Cottage, 25 m²
- Arctic cottage, 26 m²
- Arctic cottages, 48 m² (one level)
- Arctic cottages, 48 m² (two level)
- Cottage, 45 m²
- Family dome, 72,5 m²
- Family domes, 141 m² (one level)
- Family domes, 146 m² (two level)
- Dome-bungalow, 70 m²
- Cob house, 24 m²
Easy Domes
basic building kit

Offers are arranged by delivery of the basic dome package – the manufactured and special designed products.

**Dome-Construction**
- 21 pinewood sections covered with highest plywood quality for exterior and construction purpose.
- 3 entrance sections (main/terrace door)
- Iron bolts and fittings for mounting

**Windows and door**
- 8 windows in pinewood, painted and ready for mounting (different options on windows arrangement)
- 1 main door

**Aluminum flashing**
Aluminium flashing for wall/roof/windows a.m. The aluminum flashing is designed to prevent rain entering the construction/dome.

**Building codes and standards**
All Scandinavian and EU construction- and building codes and standards are fulfilled in the Easy Domes concept.

**Dome-section certificate**
The wooden dome is made in precision cut pine construction timber mounted to 12 mm CE-certified plywood, and with predrilled holes for mount of the sections to each other with 10 mm iron bolts.

Each dome has 10 hexagons, 6 pentagons and 5 quadrangles - making 5/8 of the full polyhedra, here the truncated icosahedron.

**Eurocode D5/EN 1995**
The Easy Domes Ltd. wooden sections are certified according to demands in the European standard PrEN 14732-1, from 1 January 2009 the Eurocode D5/EN 1995.
Outside
Any sustainable building material can be used for in- and outside walls, flooring and roofing, but some materials have advantages in building the Easy Domes houses.

The outside walls are all ventilated and here a wooden framework shall be mounted for the mount of the climate membrane – preferable vertical wooden boards or thinner reinforced boards of concrete.

The aluminum flashing is here of great importance and are manufactured to fit to the chosen outside coverage.

The building system makes an highly hermetic house, and has been tested to leak 0,01 L/m²/sec. (max. 1,5 L). Easy Domes suggest at least one ventilator shall be installed in top of the dome.

Different ventilation system reuse the heat energy in the circulated air for heat-pump system, often combine to solar collectors. Such combined systems are preferable to reach the perfect housing climate comfort.

Inside
The inside climate conditions are of vital importance, and therefore the first demand is only to use indoor certified and sustainable materials without formaldehyde outgassing.

Wall-coverage of the dome is easy to make with gypsum boards or interior-plywood i.e. the OSB/2 (Oriented Strand Board). Partition walls can be build in same materials.

With insulation in 100 mm + 50 mm natural materials, i.e. sheep-wool, and without a humidity membrane, a ventilator shall be installed in top of the dome ceiling.

All walls surrounding the bathroom shall be mounted with a humidity membrane on back of the inside coverage.

Building materials

Flooring can be build in different manners, either laminated boards on a base-plate to below beams, or with solid wooden boards direct on the floor beams. Here other options are possible whether the floor construction is on-ground with a concrete plate below, or solid beams and a ventilated construction is preferable, maybe because of the conditions of the terrain.

Technical appliances for heat, hot water, ventilation as electricity, IT, and in- and outlets, are to be arranged according to the intended use and interior of the dome.

In general sustainable energy supply from solarcollectors and heat-pumps are highly beneficial, as noticed to on- or offgrid electrical connections. The ventilation shall be min. 50 m³/hour for a single ventilator and advantages are available with combination to exchange to heat-reuse.

Room- and hot water supply can be installed with different combined appliances as to the type of grid-connection, and with advantages to floor-convectors for room heat added to a tank-storage with immersion heater at 3 kW to 6 kW. The bathroom is installed with its own air-ventilator.

Building location
The dome can be built at any location and to any soil or ground conditions. The best foundation is a reinforced plinth in concrete app. 30 cm of height above ground level, and the other foundation opportunity on i.e. hard rock is a solid wooden beam/post construction mounted to the ground with iron anchors. This solution is preferable in the arctic zone, while the same wooden construction also can be practiced if building on posts on shallow waters.

A third and more simple solution is to place a solid stone to each corner of the dome, and fill out the side-gaps with local material, i.e. bricks and clay. Here the Cob-house solution will be perfect.
Cottage 25 m²

The cottage in 25 m² is the smallest of the domes-houses offering a perfect weekend cottage or short stay/weekly relax for a couple or a small family.

The dome can be interiored as shown in the examples with a combined kitchen- and living room, entrance and a bathroom where the main technician (hot water tank a.m.) for heat can be installed. To achieve as much floor-space as possible, a ladder is available for the loft room with a size of a double bed.

Ground floor area
- Entrance: 1.8 m²
- Bathroom/toilet: 3.5 m²
- Kitchen/daily room: 16.7 m²
- Ground floor net area: 22.0 m²
- Loft room: 4.2 m²
- Interior net area: 26.2 m²
- Inside gross area: 23.7 m²
- Outside gross area: 26.4 m²

Wall- and roof construction

Wall 220 mm
- Framework, pineboard 19x100 mm
- Space block, Mazonite 3 mm
- Load construction 95 mm
- Insulation, sheepwool 100+50 mm

Inside framework, pinewood 45x45 mm
- Inside cover, optional:
  1. spruceboard 16x100 mm
  2. certified plywood 9–12 mm

Roof 403 mm
- Grassroof 150 mm
- Waterproof layer, i.e. Platinum 10 mm
- Welding paper, forcal Base 300 G
- Waterproof plywood 12 mm
- Framework, pinewood 45x45 mm
- Space block, plywood 9 mm
- Load construction 95 mm

Floor 582 mm
- Hardboard, i.e. oak 25x160 mm
- Bearer, each 40 cm, pinewood 45x95 mm
- Spacer, plywood 12 mm
- Moisture membrane, i.e. polyethylene 0.1 mm
- Reinforced concrete 100 mm
- Pressure resistant insulation 200 mm
- Capillary layer, pebbles 150 mm

Partition walls 92 mm
- Insulation, fax 60 mm
- Cover, i.e. spruce board 16x100 mm
- Posts and belts, pinewood 45x45/75 mm

Plinth / base 211 mm
- Concrete, mix 1:3.5, 200x1220 mm
- Rib-bar steel 10 mm
- Plain steel rings, each 40 cm, 8 mm
- Anchor, threaded steel bolt M10x250 mm glued to concrete
- Pressure resistant insulation 100 mm
- Outside coating, asphalt layer
- Drainage 100 m
Arctic cottage
26 m²

The arctic cottage is arranged to the special climate conditions for such locations. The dome is intended to be build on a wooden construction with posts for each corner, and has also a bit bigger size than the similar and traditional 25 m² cottage. The interior is shown similar to the equal cottage, but the dome has insulation up to 400 mm in wall- and roof construction.

Addition of two 26 m² cottages
As this proposal goes for a rather small cottage, it can be extended with addition of another dome for better interior and comfort. A cottage stay might primarily be for night/ sleep purpose as the focus will be nature travel and outdoor experiences.

Arctic cottage, 49 m² (one level)

The technical equipment for energy supply serving all needs, has certain demands acc. to the level of freezing temperatures. As basic and with gridconnection a solar collector attached to a combined ventilation-heatpump will be a good solution, while off-grid arrangements will need a 2–6 Kw windturbine with heat inserts in the wings and top. Converter will be needed and with some batteries too.

As to show combined interior solutions and also possibilities for adjustment to terrain, we present two dome-added examples which also offer a better comfort with an 23 m² daily room in the one dome.

Addition of two – or several domes – can be made by adding to domes to each other at same level, where the hexagons are put across each other for door-arrangements. The other possibility is to make the addition in two levels with a staircase in between, by turning one dome 36°, and lift it up where the quadrangle fits to the upper part of a hexagon. The added domes reach an interior area at app. 49 m².
To offer a bigger dome for more comfort we show the 45 m² net floor dome where the daily room and kitchen are quite comfortable and with a good relax-corner and place for dining too.

As the dome is bigger than the small 25 m² cottage, it offers the opportunity to arrange a first floor sleeping room or loft room at app. 13 m². The size and interior makes it possible for building a summer-house or cottage for a longer stay.

**Arctic cottage, 49 m² (two level)**

**Cottage 45 m²**

**Floor area, two level**

<table>
<thead>
<tr>
<th>Area</th>
<th>m²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Entrance</td>
<td>2.0</td>
</tr>
<tr>
<td>Bathroom/toilet</td>
<td>3.7</td>
</tr>
<tr>
<td>Kitchen/daily room</td>
<td>16.2</td>
</tr>
<tr>
<td>Sleep/daily room</td>
<td>22.5</td>
</tr>
<tr>
<td>Ground floor net area</td>
<td>44.4</td>
</tr>
<tr>
<td>Loft room</td>
<td>4.3</td>
</tr>
<tr>
<td>Interior net area</td>
<td>48.7</td>
</tr>
<tr>
<td>Inside gross area</td>
<td>45.0</td>
</tr>
<tr>
<td>Outside gross area</td>
<td>62.6</td>
</tr>
</tbody>
</table>

**Ground floor area**

<table>
<thead>
<tr>
<th>Area</th>
<th>m²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Entrance</td>
<td>2.6</td>
</tr>
<tr>
<td>Bathroom/toilet</td>
<td>5.2</td>
</tr>
<tr>
<td>Kitchen/daily room</td>
<td>22.3</td>
</tr>
<tr>
<td>Ground floor net area</td>
<td>31.1</td>
</tr>
<tr>
<td>Loft room</td>
<td>13.5</td>
</tr>
<tr>
<td>Interior net area</td>
<td>44.4</td>
</tr>
<tr>
<td>Basement gross area</td>
<td>39.6</td>
</tr>
</tbody>
</table>
Family dome
72,5 m²

Shown example of a bigger dome is the 72,5 m² low energy two floor family dome built in Denmark in 2007. The building is a fully sustainable dome arranged for quality comfort and proper stay for a small family. The dome has a spatial kitchen and living room with staircase to first floor with two proper bedrooms. The bath and toilet room is arranged with technician appliances as a hot water storage tank combined for solar energy and a mass stove. Energy need for heating and hot water is in average 30kWh/m²/year, and the dome can also be arranged for passive house as zero energy standards.

All materials are fully sustainable with outside non-toxic impregnated spruce-boards, grass turf on the roof, and covered inside with gypsum boards. The insulation is 190 mm wood-wool + 50 mm flax on inner section. The dome is build without a humidity membrane and has been tested by the Danish Technological Institute for air-tightness and energy use, with results of an excellent climate comfort and low-energy standard.
Family domes
141 m²

To achieve proper floor area and interior arrangements, all domes can be build or added to each other – as a pair of domes or even several domes.

The purpose can be different depending on the intention for the building and interior arrangements, but in general these dome-size as an added building serves as a family house with 4 to 5 bedrooms.

Addition of two 70 m² domes make a 150 m² house usable for several purposes – family house, atelier, workshop, machine- or technician house, cafe, restaurant or shop. Here room is for several kids, workroom, bathrooms, technician room as multiple choices for interior arrangements for the living room, kitchen a.s.o.

Addition of two – or several domes – can be made by adding to domes to each other in two manners: on same level or on two levels with a 6 step staircase in between.

At same level: Where two hexagons are put across each other for the door-arrangements.

At two levels: By build (lift up) where the quadrangle fits to the upper part of a hexagon.

Interior arrangements and room organisation are quite wide for these added domes i.e. with the daily room and parents room in the one dome, and the childrens rooms and kitchen in the other dome.

Family domes, 141 m² [one level]
Family domes, 146 m² (two level)

<table>
<thead>
<tr>
<th>Ground floor area</th>
<th>Loft room area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Entrance</td>
<td>Bedroom 1</td>
</tr>
<tr>
<td>Daily room</td>
<td>Bedroom 2</td>
</tr>
<tr>
<td>Tech room</td>
<td>Bedroom 3</td>
</tr>
<tr>
<td>Available room</td>
<td>Bathroom/toilet</td>
</tr>
<tr>
<td>Living room</td>
<td>Balcony 1</td>
</tr>
<tr>
<td>Kitchen</td>
<td>Balcony 2</td>
</tr>
<tr>
<td>Mid. staircase</td>
<td>Ground floor net area</td>
</tr>
<tr>
<td>Staircase x2</td>
<td>Ground floor</td>
</tr>
<tr>
<td>Ground floor net area</td>
<td>Loft room</td>
</tr>
<tr>
<td></td>
<td>Floor size in total</td>
</tr>
<tr>
<td>2,3 m²</td>
<td>14,0 m²</td>
</tr>
<tr>
<td>27,2 m²</td>
<td>10,0 m²</td>
</tr>
<tr>
<td>1,4 m²</td>
<td>12,0 m²</td>
</tr>
<tr>
<td>6,9 m²</td>
<td>8,0 m²</td>
</tr>
<tr>
<td>30,0 m²</td>
<td>7,0 m²</td>
</tr>
<tr>
<td>8,2 m²</td>
<td>7,0 m²</td>
</tr>
<tr>
<td>1,6 m²</td>
<td>58,9 m²</td>
</tr>
<tr>
<td>1,8 m²</td>
<td>Ground floor</td>
</tr>
<tr>
<td>3,0 m²</td>
<td>Loft room</td>
</tr>
<tr>
<td>87,4 m²</td>
<td>Floor size in total</td>
</tr>
<tr>
<td>113,6 m²</td>
<td>146,3 m²</td>
</tr>
</tbody>
</table>
Dome-bungalow
70 m²

The dome-bungalow is quite similar to the family dome even the interior is a bit different with a smaller bath- and technician room, beside that a single open sleeping room is on first floor with own shower/toilet.

The house is suitable for a young couple or it can be arranged as a summer lodge.

Cob-house
24 m²

With attention to a great amount of people around the world living at miserable housing conditions, the Easy Domes concept is highly suitable for a wide range of proper "climate membrane" needs. Partly there is hurricanes and earthquakes destroying poorly build houses, partly there are great many people who only need the basic and strong load-construction to be able to build their own house with local materials and traditions.

The small 25 m² dome is here presented as a cob-house or a house covered with clay on its outside. The climate membrane can to this be any local material i.e. leaves, straw or wooden shingles, even mudbags can be stacked upp on the dome-construction. In general the dome can be fully covered with mulch or soil, should this be a wish.

The approach to build a simple cob-house are 10 solid stones, one for each dome-corner. A main door and two or three simple windows are needed.

The outside of the dome-construction shall be lubricated with a thin layer of plant- or vegetable oil before the clay is added up along the dome-plywood. When a full layer of clay has been made, the dome can reach a full dome round shape and get its very high strength.

With a stamped clay flooring and intended interior arrangement, a highly solid and sustainable housing is real. All the wooden material is treated against termites.

Kob-house
24 m²

The small 25 m² dome is here presented as a cob-house or a house covered with clay on its outside. The climate membrane can to this be any local material i.e. leaves, straw or wooden shingles, even mudbags can be stacked upp on the dome-construction. In general the dome can be fully covered with mulch or soil, should this be a wish.

The approach to build a simple cob-house are 10 solid stones, one for each dome-corner. A main door and two or three simple windows are needed.

The outside of the dome-construction shall be lubricated with a thin layer of plant- or vegetable oil before the clay is added up along the dome-plywood. When a full layer of clay has been made, the dome can reach a full dome round shape and get its very high strength.

With a stamped clay flooring and intended interior arrangement, a highly solid and sustainable housing is real. All the wooden material is treated against termites.
The first Easy Domes project was built and finished in 1992 and belongs to the Greenland Cultural Society in Faroe Islands. The dome ground floor is 100 m² and the first known full scale example of an truncated icosahedron. A full cellar is arranged with toilets and technician room, and a small building is added the dome for kitchen facilities, wardrobe, handicap toilet and a small office.

Easy Domes Ltd. received for this project a bronze award in 2013 at the international design competition A’Design Award in the category Architecture.

Gelden Tulip Hotel & Resort ordered a special project for their beach location in Ghantoot, UAE. The project contains two small domes added to a bigger dome with interior for two jacuzzi as a central bar and café. The project is arranged and built on sand and to this arranged to special demands.

The construction - walls and roof - is mounted outside with reinforced plates in concrete and with ventilation in between. Air condition is a must in hot climate zones.

The ground floor size is 120 m².
Process of delivery and build

By decide of purchase and building of dome, the buyer is expected to include windows and aluminum flashing to the order.

A. Delivery time, on-land truck transport, or of-share container shipment, to destination/harbor.

B. Build owners preparation, area- and building site conditions- soil, water, sewerage, technician, building permission, road access a.s.o.

The plinth or base
A. Plinth 150–200 mm concrete, height 300–600 mm, with floor in 100 mm concrete on pressure resistant insulation.
B. Plinth 150–200 mm concrete, height 300–600 mm, with floor in 150–200 mm wood beams, with insulation and ventilation to soil.
C. Plinth 20x40 cm concrete base, or solid stone to each of the 10 corners.
D. Plinth as a solid 100/150 mm wooden construction Easy Domes Ltd. deliver needed drawings and manual for how the plinth has to be made. This is a part of every delivery from Easy domes.

The dome-construction
Small domes 25 m² to 40 m² can be build by manpower, while bigger domes need a crane for lift of the wooden sections.

• The procedure is to set a quadrange and hexagon on the plinth, put in the two iron bolts and mount the sections to each other.
• Next all the base sections and ongoing wall/roof sections are mounted.

The dome is adjusted and fit to the plinth before full tightening.
• The dome is mounted to the plinth with iron bolts.

Windows
The windows are designed to fit the dome-window sections, and are mounted with attention to connect to the aluminum flashing and dome wall/roof cover.

Windows certificate
The windows are in pine wood, white paint with thermo energy glass. Glass lists are in combined alu/wood.
U-values are in average 1.2. Windows and doors are handmade at jointers workshop and delivered within the conditions for the provision of works and supplies within building sector, AB92.

Aluminum flashing
The aluminum flashing is 0.7 mm is designed to fit to the type/dimension of the wall-cover, as to the windows and the roof. The aluminum is mounted with alu-screws.

Building the dome
With a ready plinth, the dome erected and mounted with the windows and aluminum flashing, the rest of the building of the dome is traditional wood-building works.

• Outside wall coverage with wood-boards or solid plate.
• Roof build and mount of gutters and downpipes.
• Inside insulation, wall-framework and cover.
• Flooring with heat panels, partition walls and loft rooms
• Technical installations for water, sewerage, ventilation, energy, cable and pipes a.m.
• Interior equipment kitchen, bathroom and tech-room.

Building materials
The building owner deliver all the building materials to the site and is free to choose how to organize the work:
• Full entrepreneurial work and key delivered house.
• Self-build and in cooperation with skilled workers.
• Self-build.

Building materials are standardized and can be purchased at any local building market. Easy Domes deliver the building owner manuals and drawings and a detailed outline on all needed materials, with amount, dimensions and so on.

The building owner can apply Easy Domes Ltd for delivery of optional building materials like special flooring, insulation, wall cover, technical and energy equipment and so on.

Advice, guidance and inspection
Easy Domes Ltd suggest all clients to hire skilled people to build the dome, unless the owner has such skills. Manuals with drawings and explanations guide through the building process. With hired entrepreneurs on building the dome, the owner shall have his personal constructor, architect or building engineer, to assist with inspections to all works.

Unless Easy Domes Ltd. has no inspections, other skilled people, architect or engineer, are capable of such work.

Energy and climate
The Easy Dome house has a good inside distribution of fresh air and heat. With proper natural insulation materials as sheep-wool, flux, wood or paper, and a proper ventilation of the outside climate membrane, the housing climate conditions get optimal.

With only certified and natural materials on the inside walls, and the use of the heavy and proper natural insulation, the traditional humidity membrane can be avoided making the walls be able to "breath" and clean the inside air.

Easy Domes Ltd suggest clients to focus on low energy construction with insulation in 300 mm to 400 mm in walls and roof.

Floor is suggested with minimum 300 mm insulation and app. 100 mm on inside of plinth (below floor).

The building system makes an highly hermetic house, and has been tested to leak 0.01 Litre/m²/sec. (maks. 1.5L).

Easy Domes suggest at least one ventilator shall be installed in top of the dome.

Different ventilation system reuse the heat energy in the circulated air for heat-pump system, often combine to solar collectors. Such combined systems are preferable to reach the perfect housing climate comfort.

### ENERGy DEMANDS

<table>
<thead>
<tr>
<th>Type of building</th>
<th>Max. energy use</th>
<th>Energetic classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Passiv house</td>
<td>110 kWh/m²/year</td>
<td>-50% 35 kWh/m²/year</td>
</tr>
<tr>
<td>Low-energy class 2015</td>
<td>150 kWh/m²/year</td>
<td>-25% 52 kWh/m²/year</td>
</tr>
<tr>
<td>Low-energy class 2020</td>
<td>165 kWh/m²/year</td>
<td>-20% 55 kWh/m²/year</td>
</tr>
<tr>
<td>Passiv house</td>
<td>110 kWh/m²/year</td>
<td>0 kWh/m²/year</td>
</tr>
</tbody>
</table>

Example:

- Passiv house use from 0 to 30 kWh/m²/year
- Low-energy class 2015 is -25% 150 kWh/m²/year
- Low-energy class 2020 is -50% 165 kWh/m²/year
- Passiv use from 0 to 110 kWh/m²/year
Order of Easy Domes

By order of an Easy Domes delivery the client will receive a proposal for project arrangements, interiors and sort of building materials. Drawings, manuals and outlines are delivered for all works and materials, and guidance and advice is available for apply of building permissions.

In some cases authorities recommend energy calculations which Easy Domes Ltd make according to governmental approved calculation programs.

Delivery and payment conditions
All arrangements with Easy Domes Ltd are made by signed contract and with terms of delivery and payment.

Additional and to clients achievements Easy Domes Ltd offer supervision when a dome is erected and first works to be made. Also appraisal for finished building is offered with 1 and 5 year inspection to guarantee the product and works carried out.

From order of a dome-project the delivery time is in general 3 months from signed contract. Delivery is primarily made on FOB (Freight On Board) arrangements, but can be made as a CIF (Cost Insurance Freight) delivery.

Transport and shipment
Within European countries transport is made by container or truck, while shipment is only by container and delivered to harbour in Denmark. From here the client is in charge of the shipment, insurance and so on.

For bigger domes and container shipment the hexagon- and pentagone sections are in two pieces and for mounting at building site.
Taasinge Elementer is a leading manufacturer of prefabricated wooden roof and facade elements. The company has process and product development and is by time in research projects within governmental technical institutes. Projects are tailored to all kinds of construction using computer technology, delivered for estates, culture and sport, schools, institutions, facto- ry and storage buildings.

Phone: +45 6222 5455
Email: toaasinge@taasinge.dk
Website: www.taasinge.dk

Demich Ltd. is a supplier of all equipment within heating, ventilation and sanitation. The company has great skills as experiences in installations of sustainable energy solutions for large and small buildings.

The company is one of the biggest of its kind on Faroe Islands and has been in the field for decades.

Phone: +298 350 300
Email: demich@demich.fo
Website: www.demich.fo

Superwood offers pressure and full impregnated PEFC-certified spruce boards without heavy metals, and in general delivered in the US-Kvinta quality and with a moisture content of 16–20 %. The impregnated wood acts as untreated spruce relative to i.e. weather graying, and is by the unique impregnation protected against rot, fungus and mold with accordance to DS/EN 335-1.

The wood is non-toxic and disposal as traditional combustible waste.

Phone: +45 7687 3200
Email: superwood@superwood.dk
Website: www.superwood.dk

Nomatek Ltd. works in the field of high technological solutions offering advice, consultancy and manufacture of advanced process equipment for the industry. The company has great experience in development and manufacture of technical solutions, and is specialized working with stainless steel and aluminum to standard, complete and tailored plants.

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