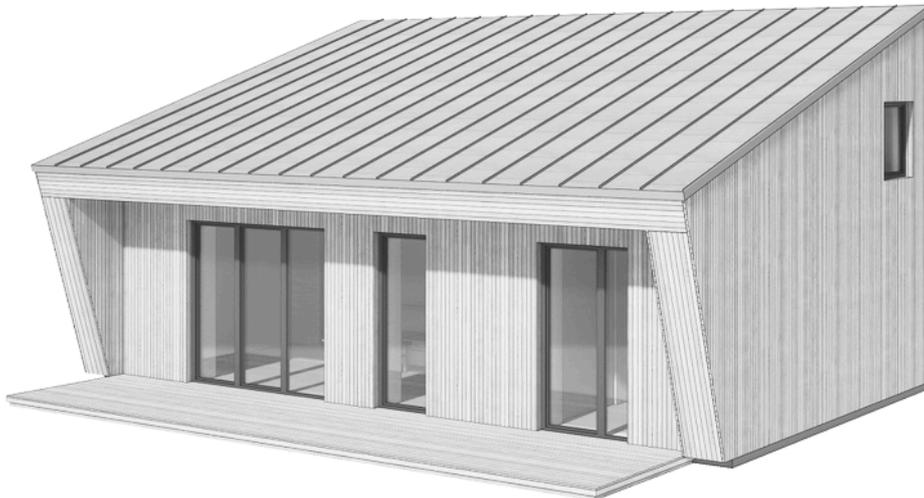


SOLAR KIT HOUSE



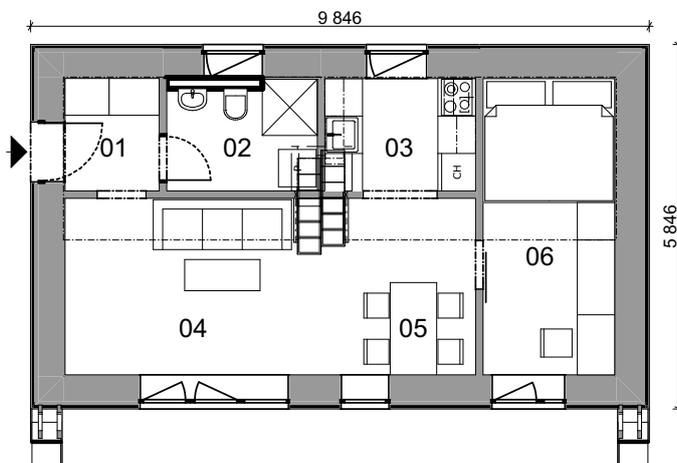
Solar optimised house that sleeps 5.
Treated floor area: 61 m²

KIT PRICE: 23 450 € Excl. VAT

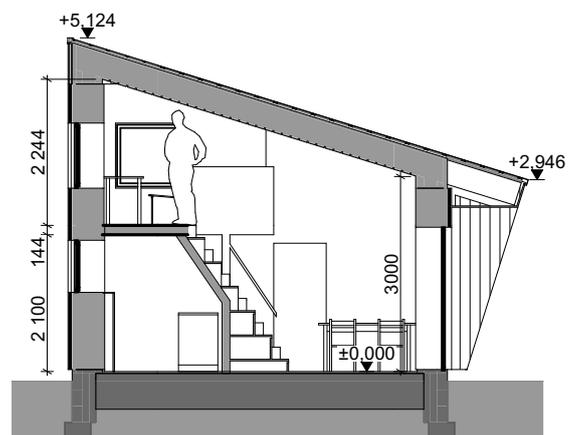
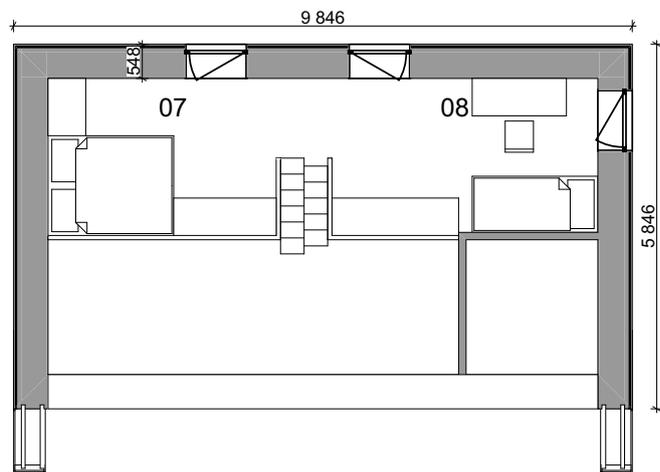


DESCRIPTION

A small house with solar optimised roof inclination and shaded windows in the South: One closed bedroom on the ground floor and a large multifunctional gallery on the first.

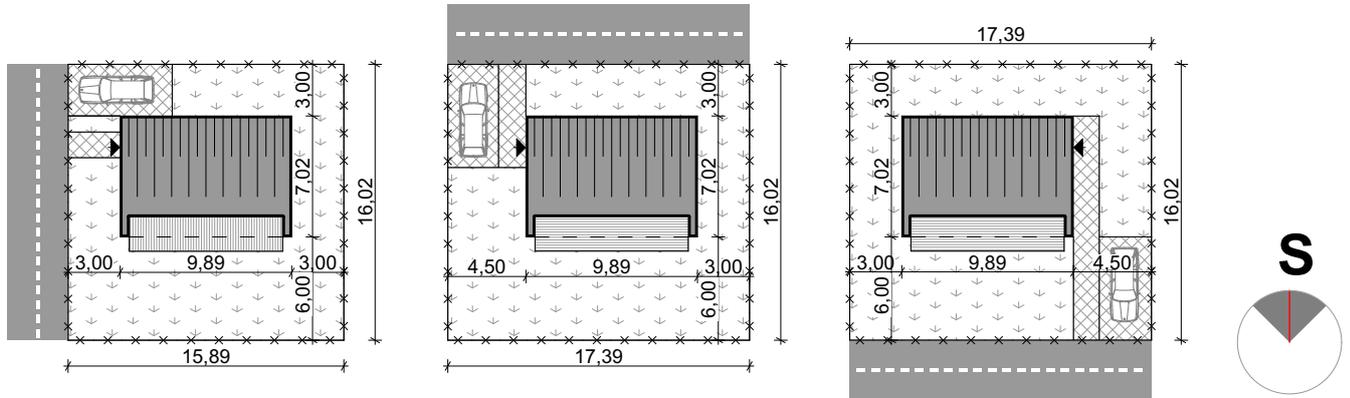


Room	Description	Size (m ²)
01	Entrance	3.0
02	Bathroom	4.1
03	Kitchen	4.3
04	Dining	5.9
05	Living room	12.6
06	Master bedroom	10.1
07	Sleeping gallery 1	9.8
08	Sleeping gallery 2	11.2
TOTAL		61.0

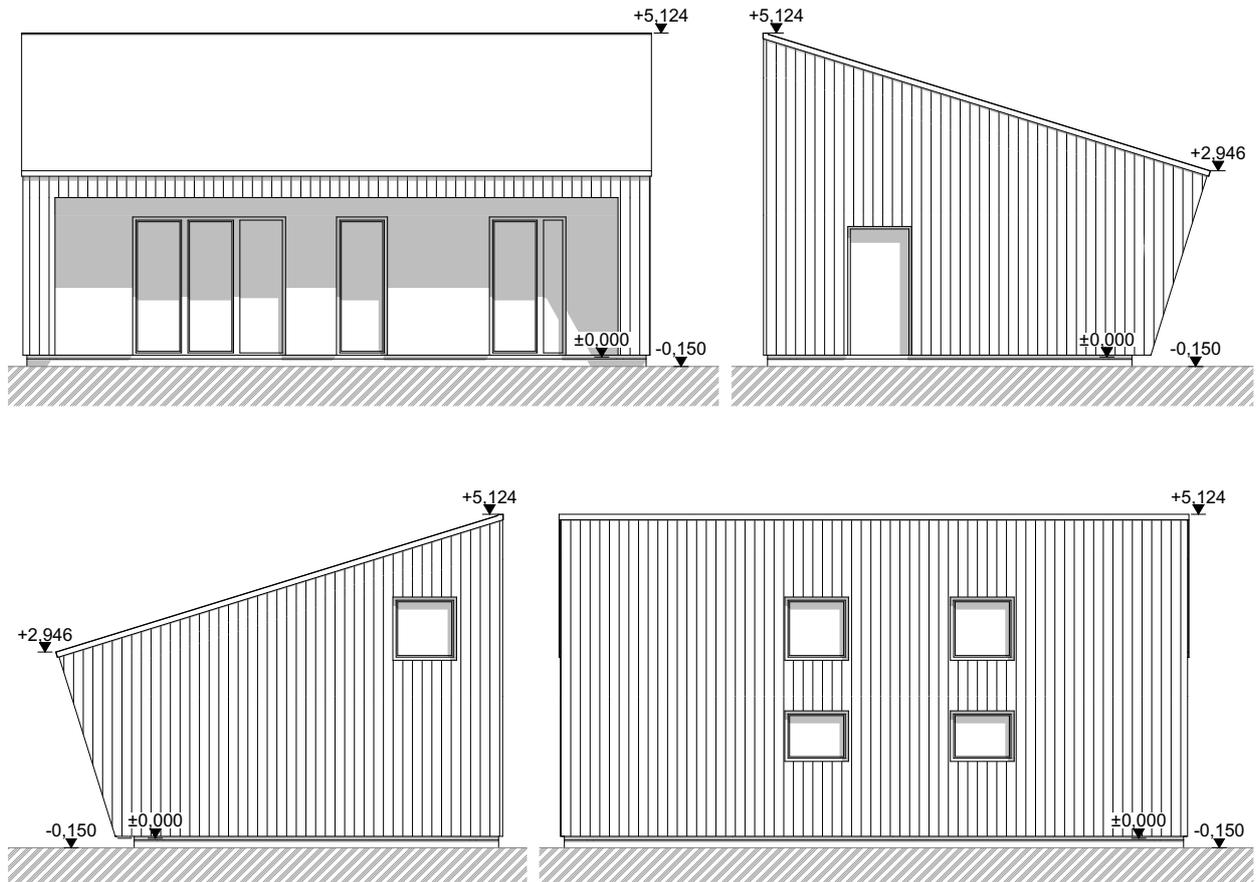


MINIMUM PLOT SIZE

This is the minimum recommended plot size, depending on the access to your home. The house can also be delivered as a mirrored version. The glazed front should always be oriented to the South.



ELEVATIONS



The height of the building can vary slightly depending on the type of foundation.

KIT CONTENT

Materials included in the Kit price:

Item	Amount	Description
EcoCocon wall panels	89 m ²	Structural straw-wood panels
Plywood 18 mm	11 m ²	Support for lintels on side of openings
Tyvek Pro membrane	150 m ²	Outside wrap for panels
SIGA Wigluv tape 60 mm	120 m	For airtight taping of Tyvek membrane
SIGA Primus tubular bag	4 pcs	Airtight connection to foundation
Plywood 0.65 cm, strips 9.0 cm in width	181 m	To fix the Tyvek to the panels
Plywood 0.65 cm, strips 4.5 cm in width	56 m	To fix the Tyvek to the panels
Eurotec screws 6x60	200 pcs	For assembling panels, partition walls and roof
Eurotec screws 8x100	800 pcs	
Eurotec screws 8x140	100 pcs	
Eurotec screws 8x200	100 pcs	
Wood fibre board Steico Protect 60 mm	124 m ²	Outside wood fibre board
Ringbeam roof	0.56 m ³	Ringbeams with precut inclined top
Steico I-beams 360/45	121 m	Roof load-bearing elements, pre-cut and reinforced, ready for installation
Steico Universal 22 mm	70 m ²	Roof undercover boards, waterproof
SIGA Majcoat 1.5 m	75 m ²	Inside roof membrane
Wood 45x95 mm	145 m	Interior roof membrane placeholder
Steico wood fibre panels 5 mm	28 m ²	For clay plastering on wood
Brown clay plaster	6 000 kg	Inside base coat
White clay plaster	525 kg	Final top layer
Project	1 set	Basic project drawings for download (need to be adjusted by local architect for building permit)

Optional:

Item	Price w/VAT	Description
Foundation beams	€1 400	Beams for the foundations, connectors and screws (pre-cut if foundations are on pillars)
Windows and external door	Upon request	Wooden frame, triple glazing, overall U-value min 0.80 W/m ² K for windows and 1.00 W/m ² K for door

Elements and materials not included that need to be provided:

Item	Amount	Description
Foundations	54 m ²	Choose from 4 different foundations, follow exact measurements from project and include all necessary installations
Roof insulation	21 m ³	Steico Cell of cellulose blown in by a local company

Outside cladding or plaster	112 m ²	Use plaster system certified for wood fibre boards or a ventilated cladding of your choice (wood or large elements)
Roof cover	57 m ²	Any ventilated roof from tiles or metal sheet. Calculate all material necessary above the Steico Universal layer
Final floor cover above foundations	40 m ²	Any floor cover, max. 2 cm on top of foundation
Inside partition walls, floor & plywood	120 m ²	Partition walls with plywood on both sides or other construction
Wax/oil based varnish		We recommend varnishing the plywood floor and optionally the plywood walls
Staircase	1 pc	Staircase from plywood
Inside doors	2	Doors to bedroom and bathroom
Installations		Electrical installation, plumbing and ventilation have to be provided by local professionals
Outside terrace	22 m ²	Terrace made from wooden floor boards
External shading		In some climates, we recommend adding external shading elements on the South facade
Transport costs		Costs depend on distance and season

PROCESS

After having chosen your kit house, discuss details with our local EcoCocon partner. Sign a preliminary contract, and we will provide you with the detailed drawings for your architect. After receiving a building permit, you can ask for an invoice and make a 50% down payment. We will let you know the lead time which can vary depending on the season. You will be notified before delivery. After making the final payment, all the materials are brought directly to your building site by lorry. The transport costs are paid after the delivery.

LABOUR COSTS

Labour costs vary from country to country. We estimate that all work necessary to install the delivered materials will be approx. 2 weeks for a 3-4 person professional team. Materials not included in the kit will have to be estimated separately.

Some local partners and builders can provide you with a fixed price for assembly.

TOOLS

No tools are included in the delivery.