

DIAMETER
3.2 m
HEIGHT
3.0 m
FLOOR AREA
5 m²

3m Sovereign Zome

The entry node. A sovereign first asset.

Workshop. Studio. Off-grid utility hub. First home in the forest.

Full standing height. Built by hand. Dismantlable and relocatable.

Everything the 6m zome needs — already in place.

THE UTILITY PRINCIPLE

The 3m zome is not just a starter structure.
It is the utility infrastructure that makes
the 6m zome possible without a second build.

MODULAR BY DESIGN

Panels dismantle and relocate.
Built once. Moved if needed.
Nothing wasted.



THE STRUCTURE

Built in the forest

Raised on local timber posts.
Modular panels. People gather.
Fire burns. The zome holds the
space.



AT NIGHT

Glowing in the dark

The zome at night under a
Norwegian sky. A place that
belongs in the forest — built from
it, returning to it.



THE ENTRANCE

Main door and terrace

Insulated full-height door. Diagonal
timber terrace. Immediate
transition from forest to warmth.



THE SKIN

Weatherproof panel system

Flat modular panels with
weatherproof covering. Polyester
connector strips in multiple colours
from ESVO.

UTILITY INFRASTRUCTURE — PRE-INSTALLED IN THE 3M ZONE

Water

Collection, filtration, header tank,
booster pump, RO drinking water

Sanitation

Separations toilet with ventilation and
compost collection

Electrical

24V DC control system, battery
storage

Heating

Diesel or firewood — thermostat
controlled

MODULAR · DISMANTLABLE · RELOCATABLE · COLOUR-CONFIGURABLE CONNECTOR STRIPS

Panels dismantle cleanly. The structure relocates to a new site. Connector strips in a full range of colours — specify on order.

Specifications

Structure type	3m Sovereign Zome — modular geodesic
Widest diameter	3.2 m
Height	3.0 m — full standing height throughout
Floor area	5 m²
Panel system	Flat modular panels — dismantlable and relocatable
Panel covering	Weatherproof mineral felt — fully sealed
Connector strips	Heavy-duty polyester — multiple colours available (ESVO)
Insulation	40mm XPS — floor and wall panels
Floor	Water-resistant and rodent-resistant floor sheets
Foundation	Raised on local timber posts — no concrete required
Terrace	Diagonal timber decking — local pine
Main door	Full-height insulated door
Window system	Thermo double-glazed glass — multiple panels
Internal height	3.0 m at apex — full standing throughout
Water system	Integrated — see Water System datasheet
Sanitation	Separations toilet — see Compost Toilet datasheet
Electrical	24V DC — battery storage ready
Heating	Diesel or firewood — thermostat controlled
Regulatory	Fritidsbygning — recreational structure
Modular	Yes — dismantles and relocates to a new site

THE 3M ZOME — WHY IT EXISTS

Most people build their first off-grid structure and discover it is missing everything.

No running water. No functional sanitation. No reliable power. No heating. A shell that looks like sovereignty but requires another complete build to be liveable.

The 3m zome was designed to solve this. It is not a starter structure that you outgrow. It is the utility infrastructure that makes everything else possible.

When the 6m zome is ready, the 3m does not become redundant.

The water system, the sanitation, the electrical system, the heating — all of it transfers to serve the larger dwelling. The 3m becomes the workshop, the studio, the utility room.

Two structures. One system. Built in the right order, at the right pace. Direction matters more than speed.

Built by hand. In the forest. From the forest. Ready for everything that follows.