

ECOCUBE

Mobile • modular • eco-housing

SYSTEM DESCRIPTION



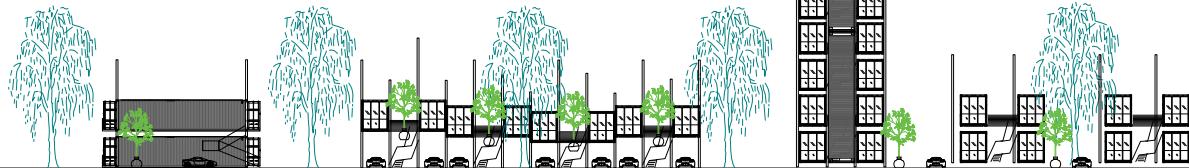
Example of larger
assembly of Ecocube
units



ECO CUBE +

Mobile, modular eco-housing

- Robust ISO shipping container design, built to last
- Turn-key solution, fully furnished
- Cold-climate enabled (passive house standard)
- Short installation time on site, stackable system
- Minimum of ground works required
- Durable and reliable high quality solutions
- High-tech, Clean-tech and Eco friendly
- Self sufficient with green energy (solar, wind, bio)
- Ultra-low energy and water consumption
- On- or off grid installation
- Integration with GreenGas and Gen H₂O solutions
- Tailor made units to specific needs available: interior and furnishing, splinter/bullet resistant envelope etc



MOBILITY

BUILT TO LAST

CLEAN TECH

TURN-KEY

IN-FLOOR HEATING

PASSIVE HOUSE

ECO-FRIENDLY MATERIALS

SELF-SUFFICIENT

HIGH STANDARD

12 m SPAN

WI-FI & CELLULAR

LIGHTNING FAST ASSEMBLY

ENERGY EFFICIENT

WIND MILL

SMARTHOUSE

HIGH CUBE

PHOTOVOLTAIC PANELS

CUTTING EDGE

SOLAR COLLECTOR

ADAPTABILITY





EcoCube is mobility



EcoCube can be stacked in urban environments



Ground

EcoCube can easily be installed with a minimum of ground works.

Stacked

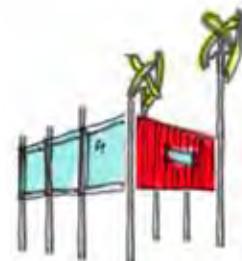
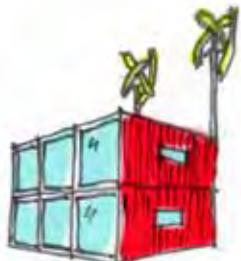
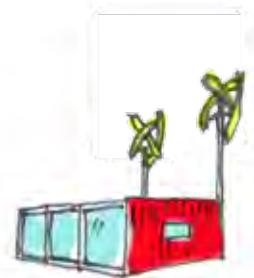
With point foundations EcoCube can be stacked in multi-storey assemblies

Raised

EcoCube can span up to 12 meters, allowing for storage or functions beneath; under cover, on the ground

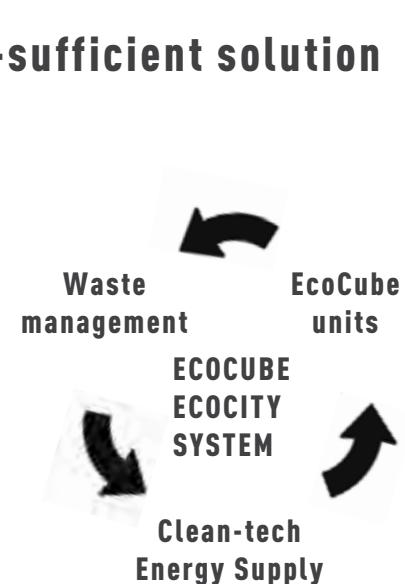
Multi-unit

Integrates roof gardens and energy supply



EcoCity - The Self-sufficient solution

EcoCube connects seamlessly with partnering technologies for energy supply, waste and sewage management and wireless internet and cellular network connections adapted to on-site conditions.



TECHNOLOGY

EcoCube uses advanced technology and sophisticated materials to give you a future proof, compact dwelling with much more than just a tiny energy bill.

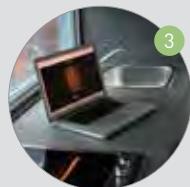
PLUS PACKAGE: SELF-SUFFICIENT WITH GREEN ENERGY



460 W PVs mounted to the doors track the sun's movement to optimize output



New windmill technology with a 1 kW generator is whisper silent



Wireless smartsystems with web, iPhone og Android integration



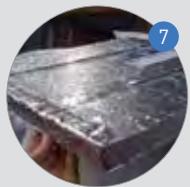
Phase changing materials help avoid heat-peaks and provide a comfortable indoor temperature



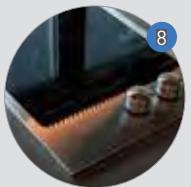
The green roof reduces heat loads and can also process parts of the grey water produced in the unit



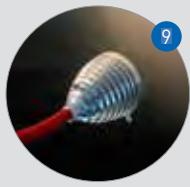
De-centralized ventilation with heat recovery gives fresh air, silently



Vacuumsulation reduces the heat loss to a minimum, beyond passive house level



Energy efficient appliances class A+ reduces power consumption



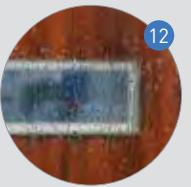
Adjustable LEDs consume less power and provide a sound light environment



Water saving systems reduces strain on infrastructure and water sources

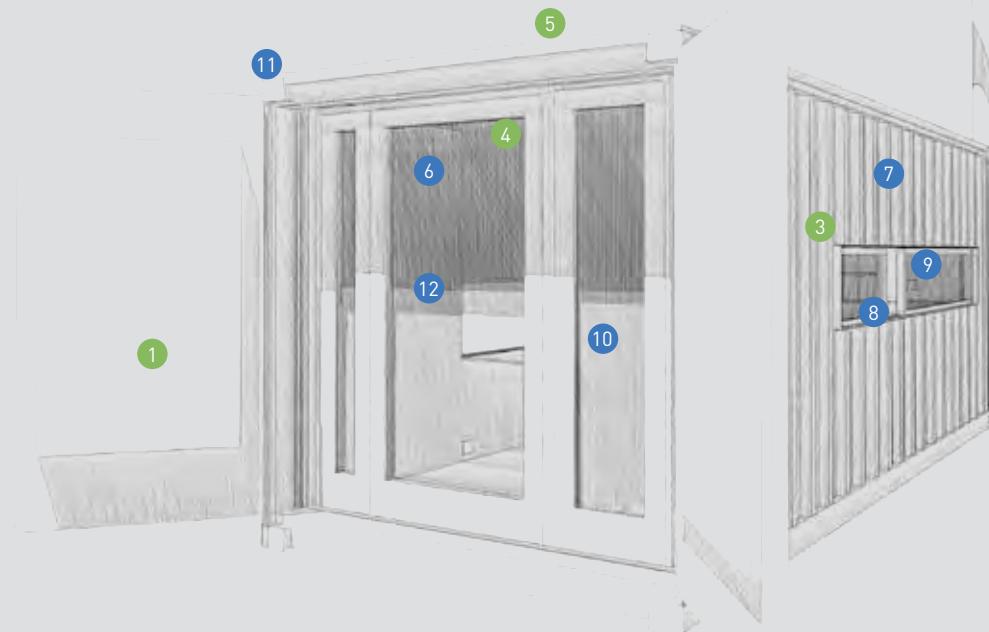


ISO-standard allows for intermodal transport by truck, ship and train



Self cleansing glass exploits solar gains and gives an airy ambience

EcoCube has an extensive list of standard equipment, and the units can further more be fitted with **plus package** to be energy self-sufficient



EcoCubes are built in ISO-containers that can be transported in numerous ways, withstand rough handling and thrive in harsh climates. The system is virtually maintenance free and can quickly be placed just about anywhere.





Exterior, during shipping



Exterior, cladding inside container doors



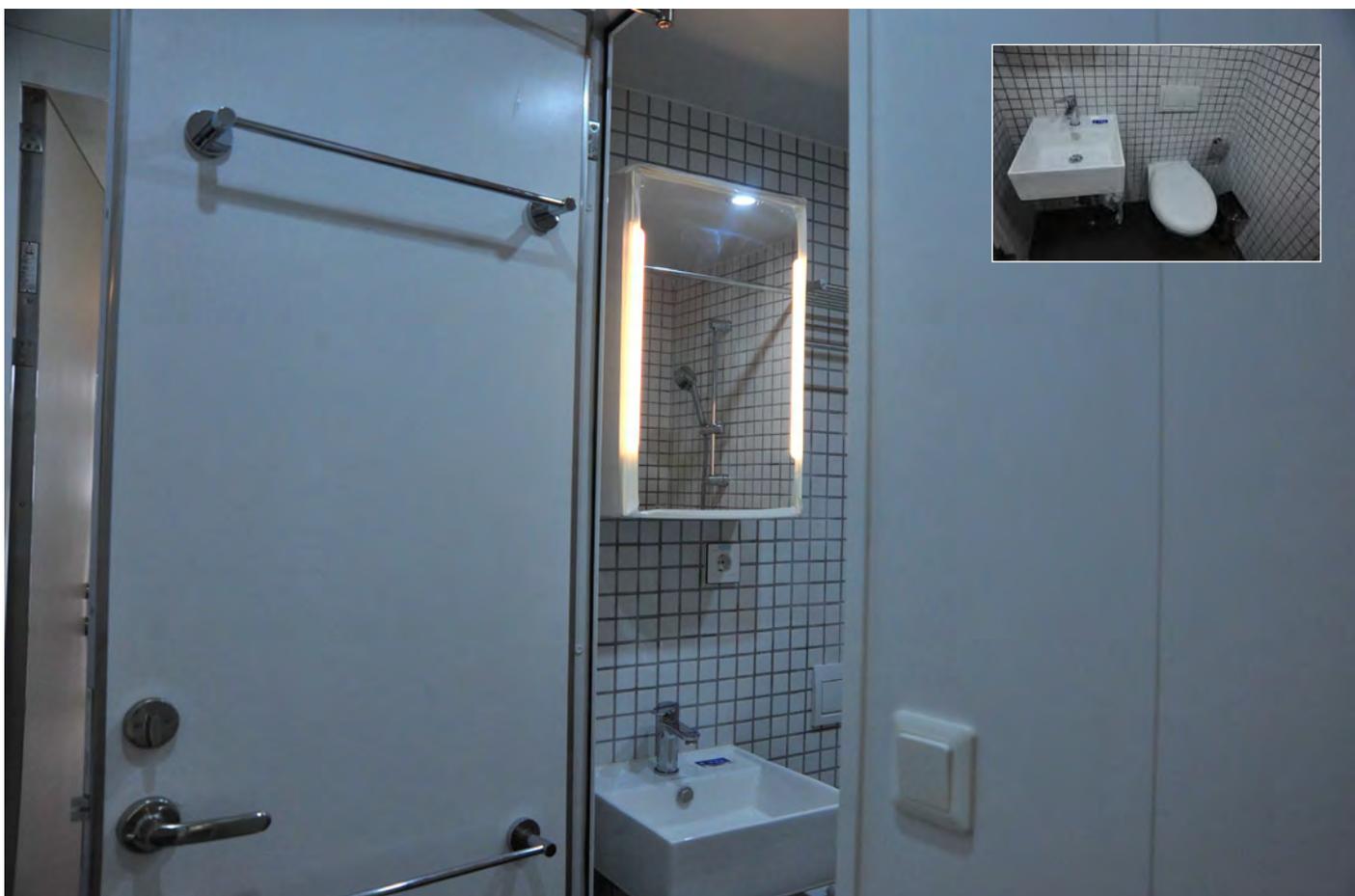
1-bedroom unit - living room, kitchen



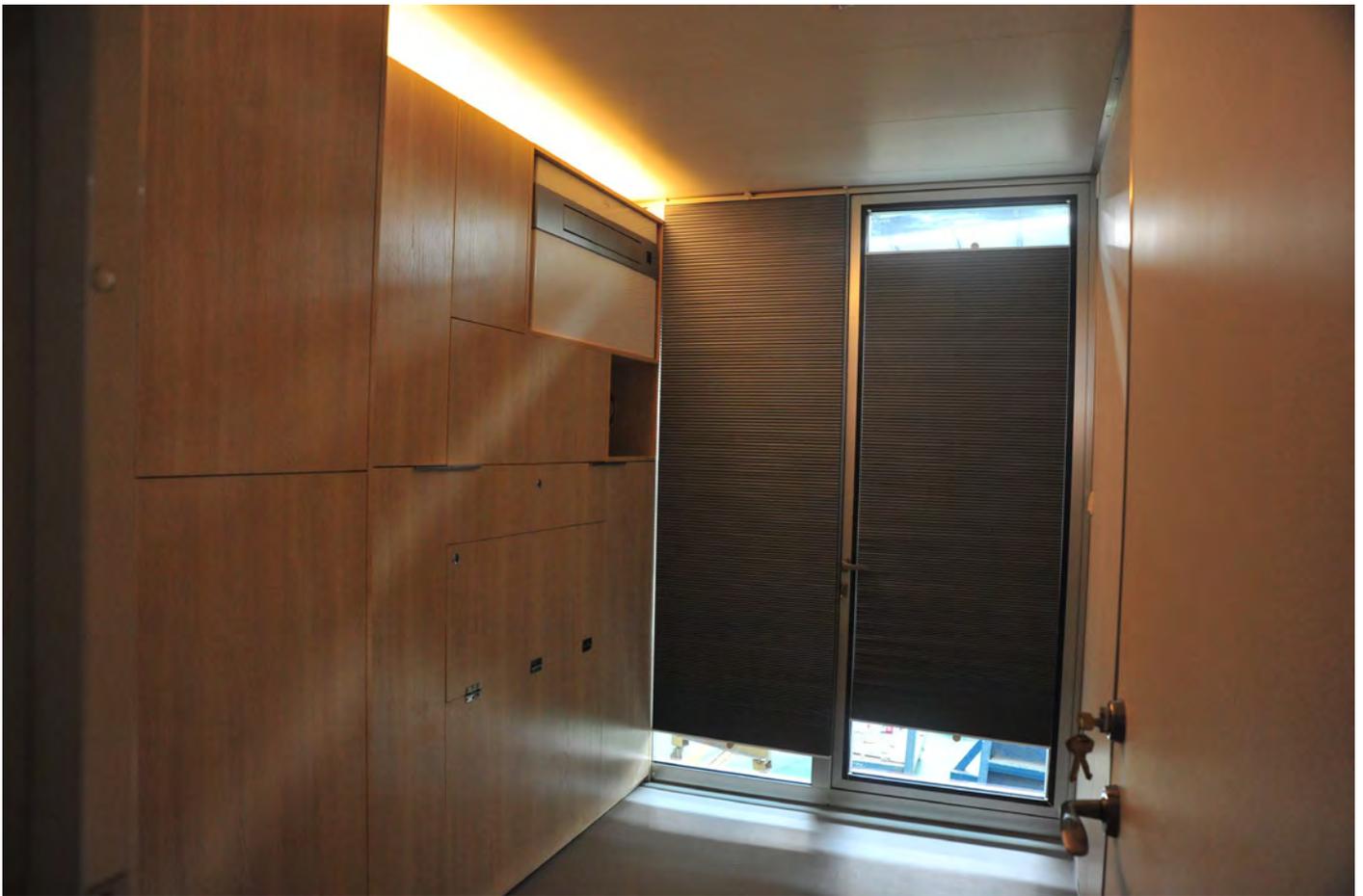
1-bedroom unit - living room, kitchen



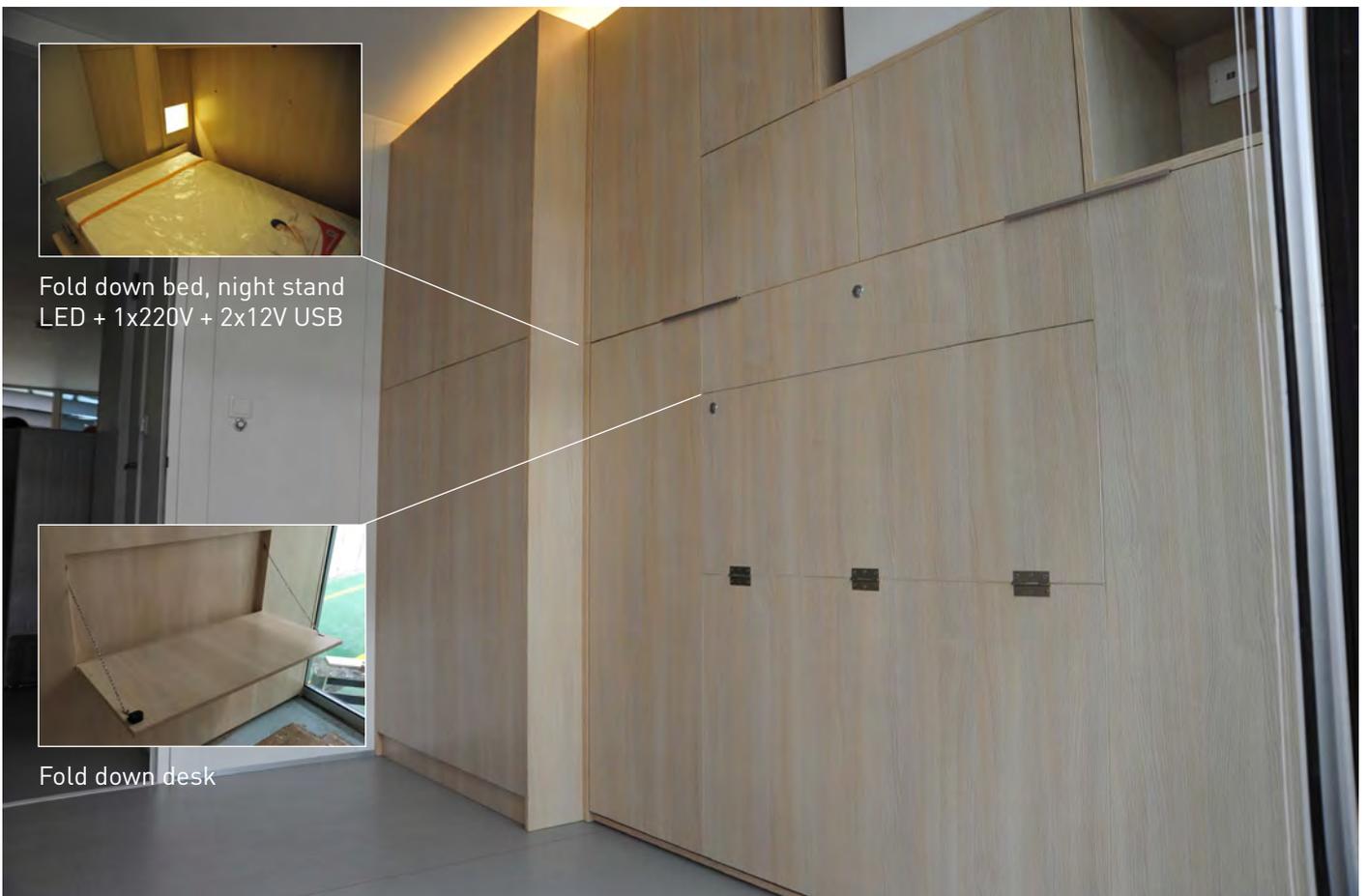
Bathroom



Bathroom



1-bedroom unit

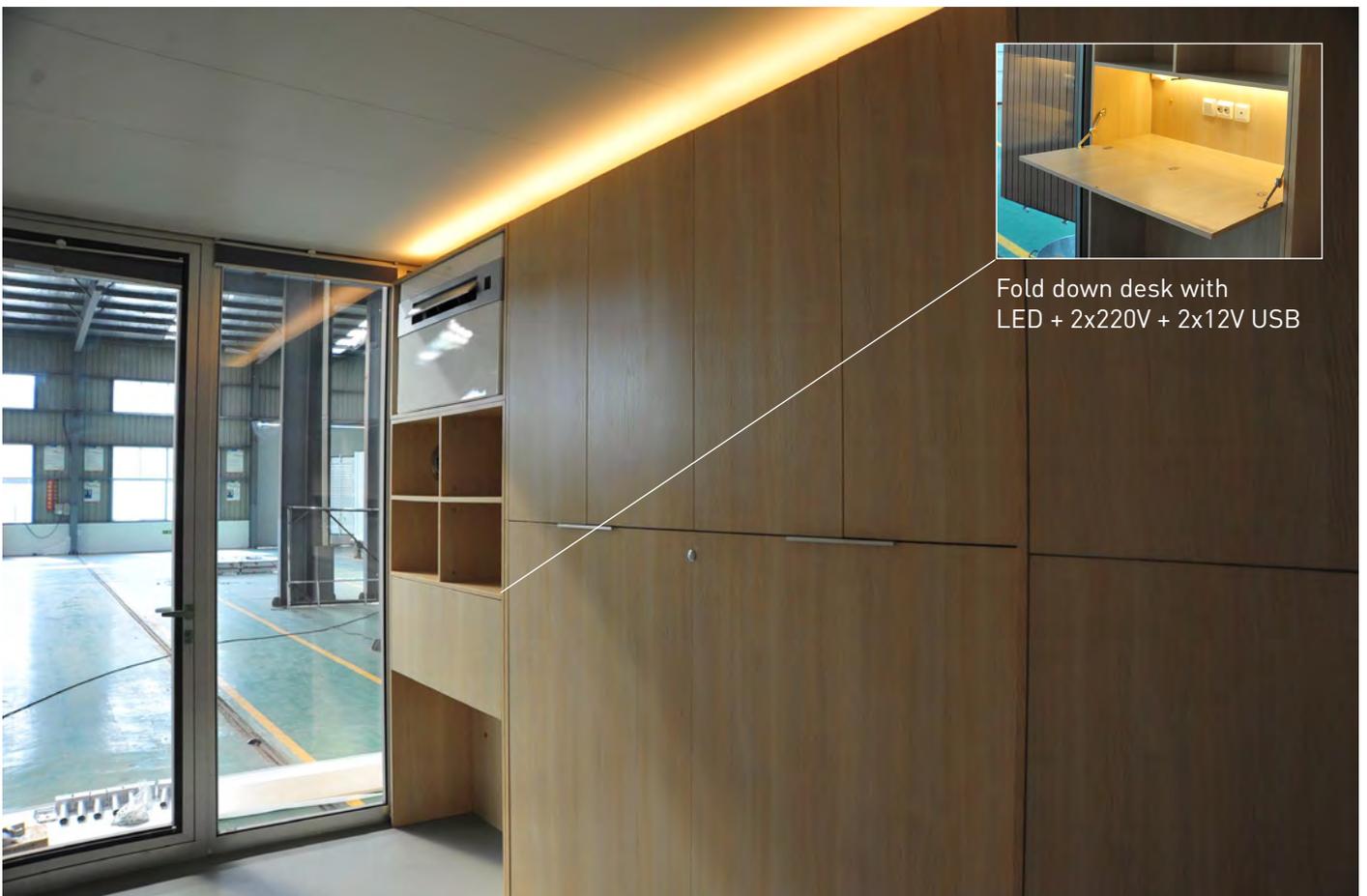


1-bedroom unit



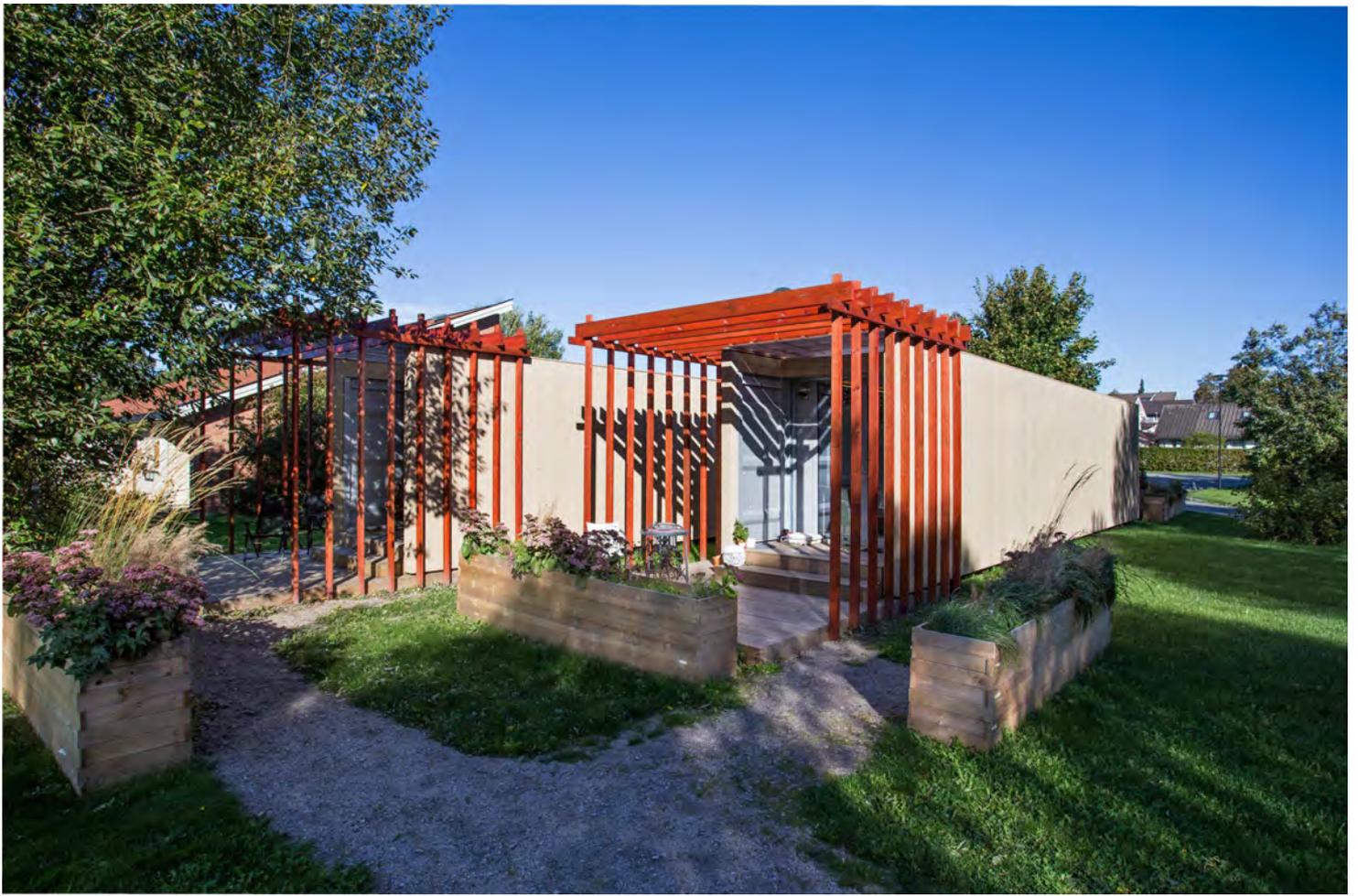
LED + 1x220V + 2x12V USB

2-bedroom unit

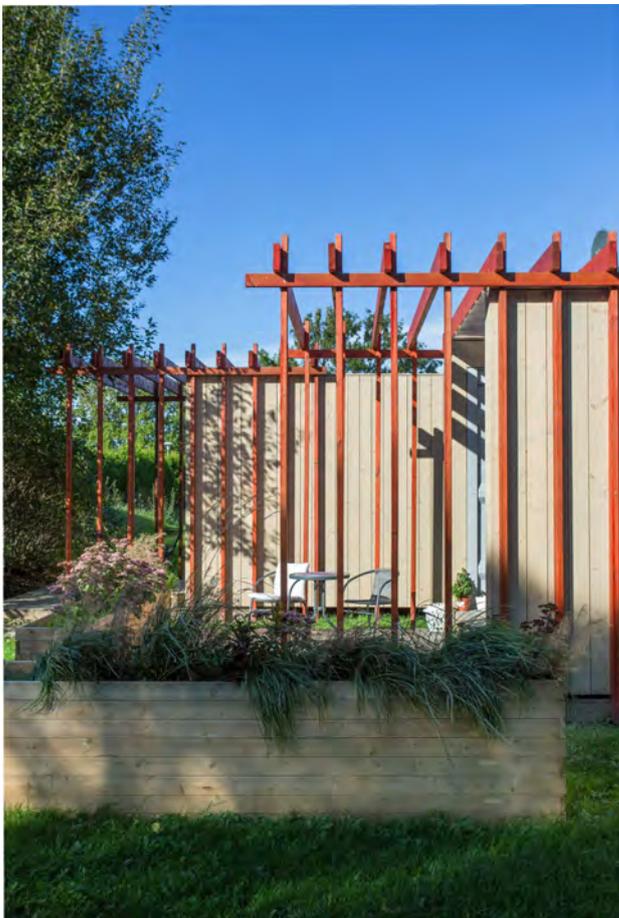


Fold down desk with
LED + 2x220V + 2x12V USB

2-bedroom unit



Fredrikstad, exterior



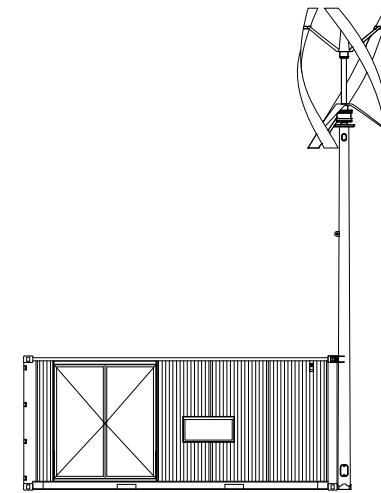
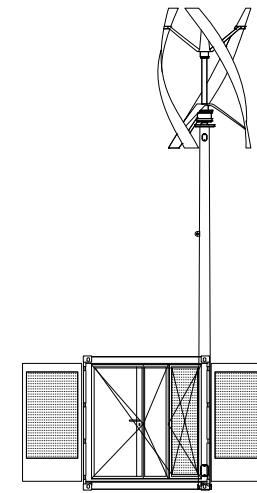
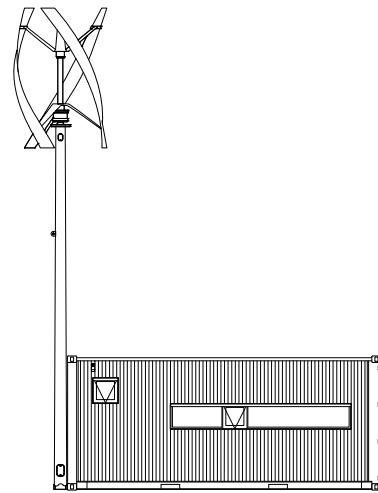
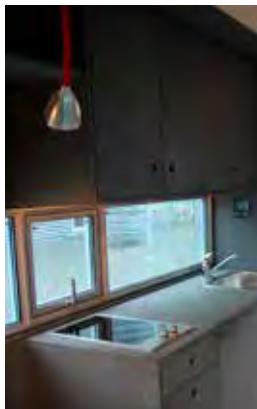
Fredrikstad, exterior



Fredrikstad, 1-bedroom unit

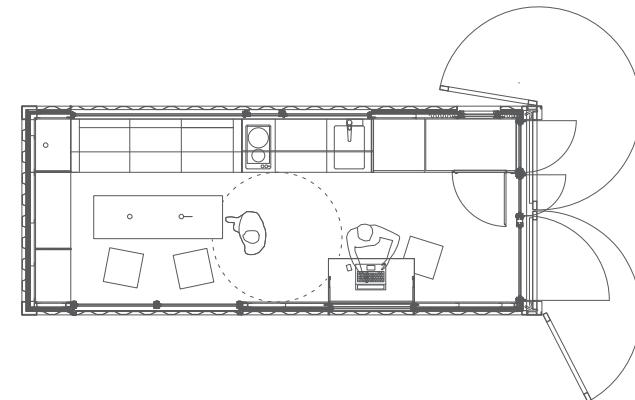


Fredrikstad, 1-bedroom unit



EcoCube is a modern and smart eco dwelling based on economically effective modular units. EcoCube delivers innovative apartments with a high standard and sophisticated eco technology.

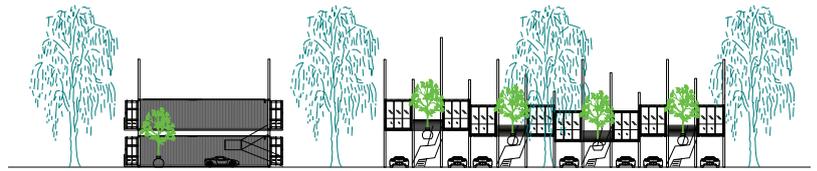
The EcoCube system is built to last with robust modules that are ISO standardized for easy and cost-efficient transport.



ECOCUBE⁺

Mobile, modular eco-housing

www.ecocube.no : post@ecocube.no : +47 402 44 000

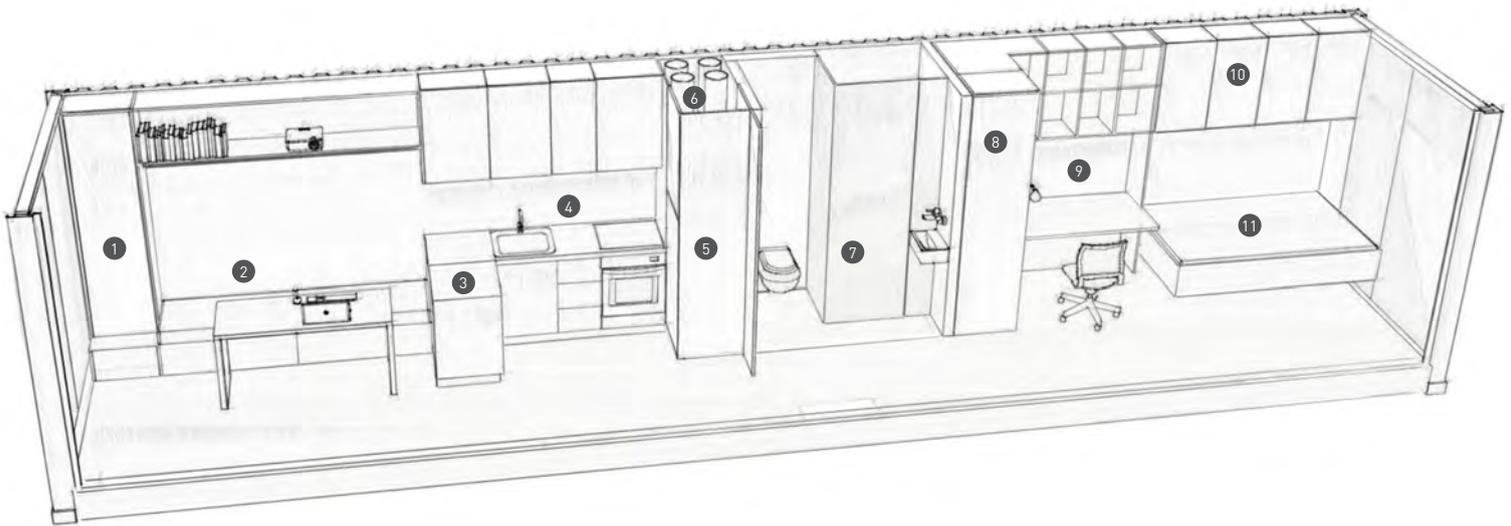


EcoCube MIDI is a mobile, fully furnished two rooms apartment. Impeccable quality, low energy consumption, passive house insulation, in-floor heating and smart house technology. These are some of the eco-friendly, clever solutions that all come as standard.

EcoCube MIDI is the perfect alternative for organisations offering workers, students, professionals commuting to distant sites and others an efficient and smart dwelling.

ECOCITY!

EcoCube connects seamlessly with partnering technologies for energy supply, waste and sewage management and wireless internet and cellular network connections adapted to on-site conditions.



EcoCube MIDI is a turn key solution and comes fully furnished:

1. Wardrobe, shoe locker
2. Couch with storage
3. Flexible and mobile counterspace
4. Kitchen with dishwasher / washing machine
5. Fridge and storage
6. Plant space (technical units)
7. Wheelchair accessible bathroom
8. Wardrobe
9. Desk with bookshelves
10. Storage
11. Foldable double bed



EcoCubes are built in ISO-containers that can be transported in numerous ways, withstand rough handling and thrive in harsh climates. The system is virtually maintenance free and can quickly be placed just about anywhere.



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EcoCube is a proud member of

NOREPS

■ Norwegian Emergency Preparedness System



ECOCUBE+

Mobile, modular eco-housing

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Origin:	Norway
Availability:	World-wide 20' (12 m ² , 4~ metric tons) solutions - market ready 40' (25 m ² , 7~metric tons) solutions - market ready 20'x N (12xN m ²) combined solutions - market ready 40'x N (25xN m ²) combined solutions - market ready
Climates:	Arctic, cold, warm, hot, humid
Installation:	Most ground conditions Units come with adjustable footings / foundations Turnkey solution, fully furnished container unit hoisted into place from truck, with rapid installation Combined units installed by our trained technician
Flexibility:	Units are easily added or removed, provides flexibility of use
Mobility:	ISO containers ship intermodally. Units retain mobility throughout lifetime
Life-time:	Expectancy of 30-50 years depending on use and climate
Service:	Units can easily be renovated with modular systems
Furnishing:	Modular components to fit end user needs
Insulation:	Passive house insulated units: very low heat loss / heat gain
Ventilation:	Low energy, high capacity with 91% heat recovery
Air condition:	Available
Heating:	In floor radiant heating (water based)
Heat saving:	PCM avail. (phase changing materials absorb surplus heat)
Lighting:	Low energy LED and natural light
Security:	Lockable glassed doors, lockable steel container doors for long-term storage Splinter/bullet resistant envelope available
Standard:	High living standard with quality fittings.
Energy:	PV panels, wind-mill, batteries and inverter and solar collectors available for local energy production. Ground / district heat and other solutions upon request
Waste:	Local waste management integrated through GreenGas: all organic waste reused for energy (hot water and electricity), plant nutrients, pellets etc

"EcoCube provide our organisation with a powerful tool for retention of skills: highly skilled personel can live comfortably and have a home away from home. Our gain is reduced burn-rate and \$ saved"



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