

ZEDlife

Kit of Parts

zedlife
zero fossil energy developments



ZED Kit of parts

The ZED team have designed a kit of parts with each component or labour service turned into a fixed price module. Each material or labour module neatly fits together to provide a finished home. Each module is clearly described and drawn with full specifications and drawings on the ZEDkit website. Anyone requiring a fixed price home can assemble their own residential solution from the ZEDkit of parts, adding modules together in 3d on their home screen, until they have virtually built their required housing solution.

As modules are assembled – the cost and performance is automatically updated, and when the exercise is complete a 3d model and set of drawings can be generated from the website. On payment of a modest fee that funds this ongoing service – the customer is able to download all the information, drawings, spec and 3d views and decide if they wish to order any of the services described. This will involve paying and contracting directly with specialists providing each service, and plugging their delivery timescale into a special programme that coordinates labour and materials. It is important that the customer manages and funds the delivery of materials and the site services themselves.

One additional service is an insurance backed warranty scheme that makes it easier to obtain mortgages.

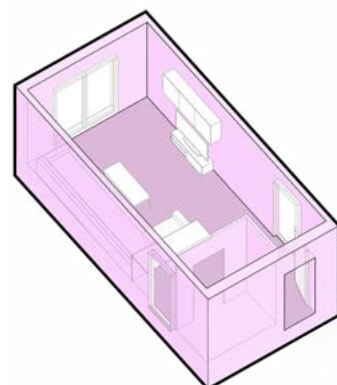
A further service involves placing the three dimensional model into google earth or similar, enabling planning and presentation drawings to be produced for both planning applications, building regulations and consultation with the local community

If high resolution presentation graphics are required – these can be ordered at additional cost directly from the ZED team – price on negotiation.

A specialist funding package offering construction finance secured against land or plot value will be available at a later date.

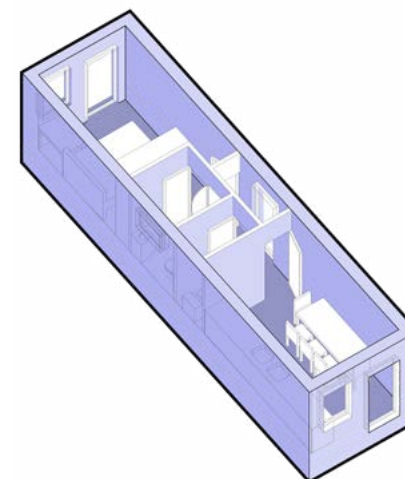
Living Space Module

27 m²



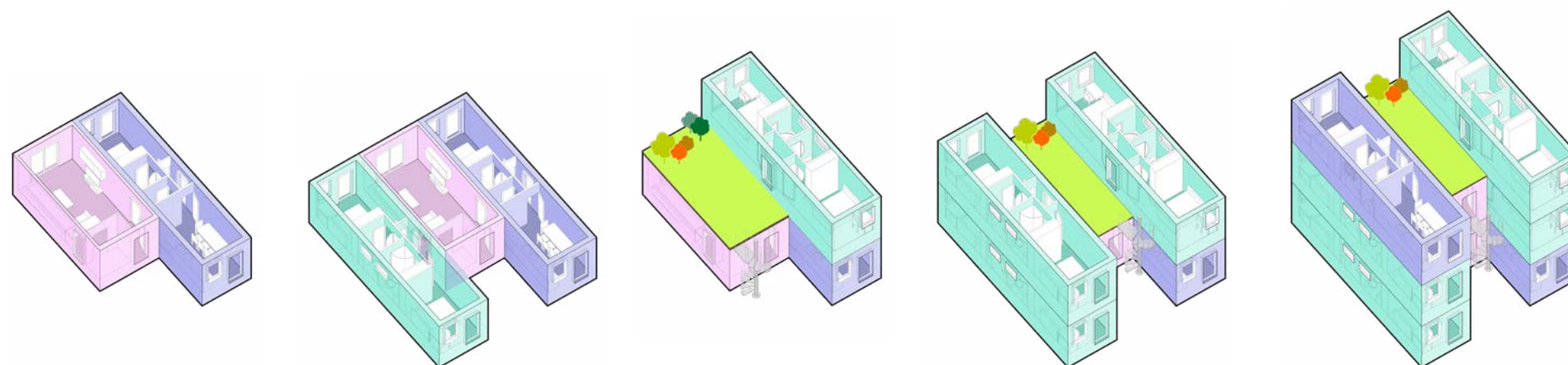
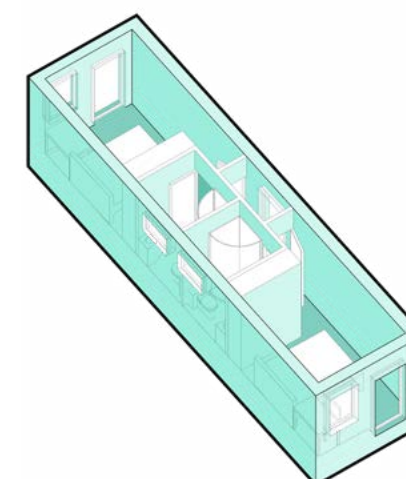
Bedrooms Module

38.5 m²



Kitchen + Dining Module

38.5 m²



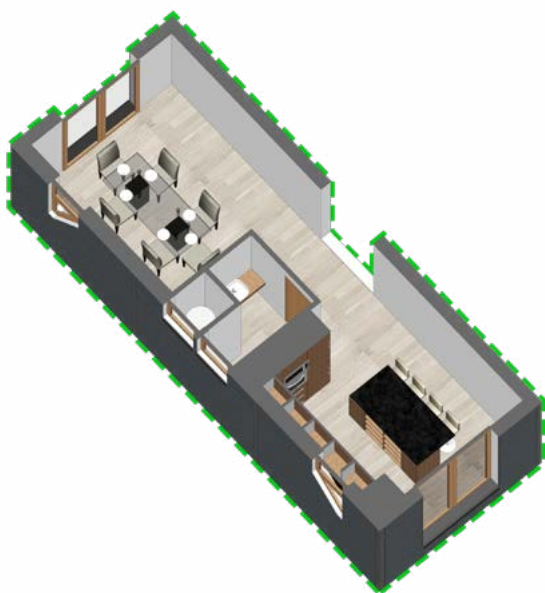
Living Space Module

27 m²



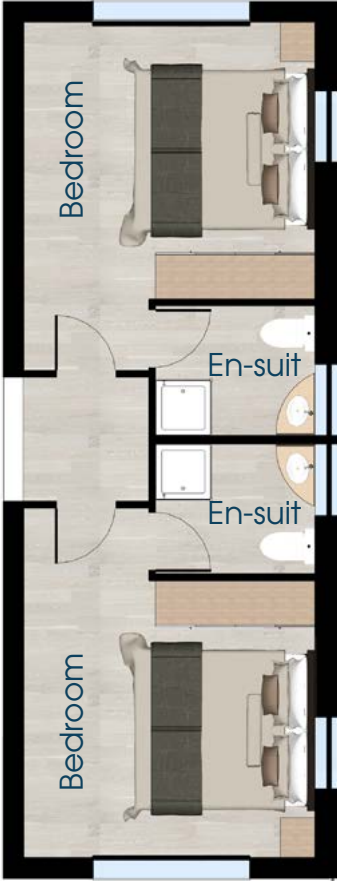
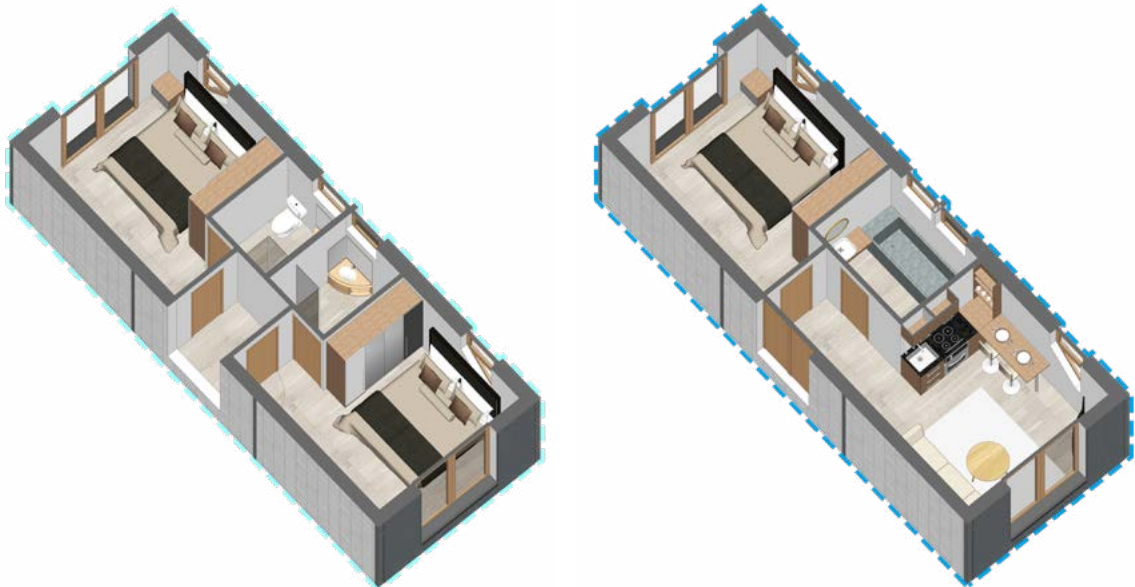
Kitchen + Dining Module

38.5 m²



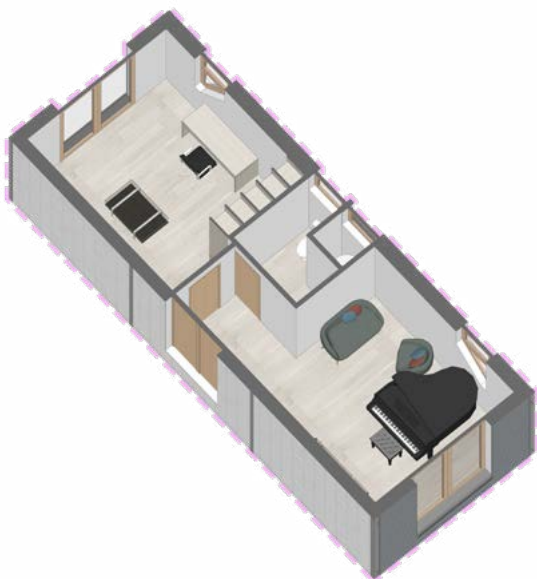
Bedrooms Module

38.5 m²

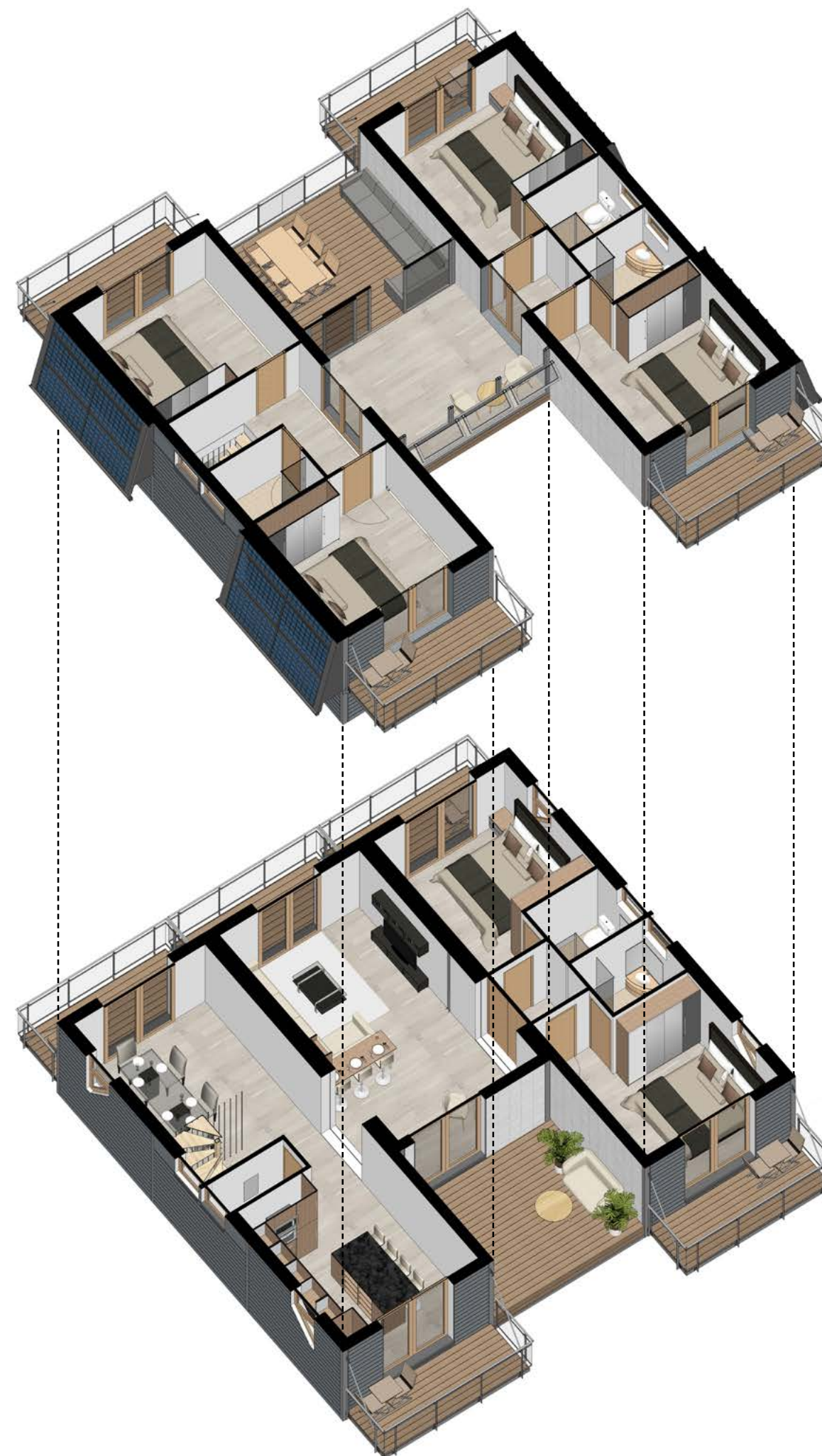


Home office Module

38.5 m²



The prefabricated 38 m² modules stack together to create a variety of different house types ranging from 6 bedroom apartments designed for younger people sharing living rooms and kitchens to smaller conventional apartments and larger homes for extended families.



2 Storey with solar loft

8 x 18.5 m² bedrooms
With optional roof top office

GIFA:

262 m²



3 Storey with solar loft

12 x 18.5 m² bedrooms
With roof top office

GIFA:

361 m²



2 Storey with self-erecting solar roof

8 x 18.5 m² bedrooms

GIFA:

198 m²



3 Storey with solar loft

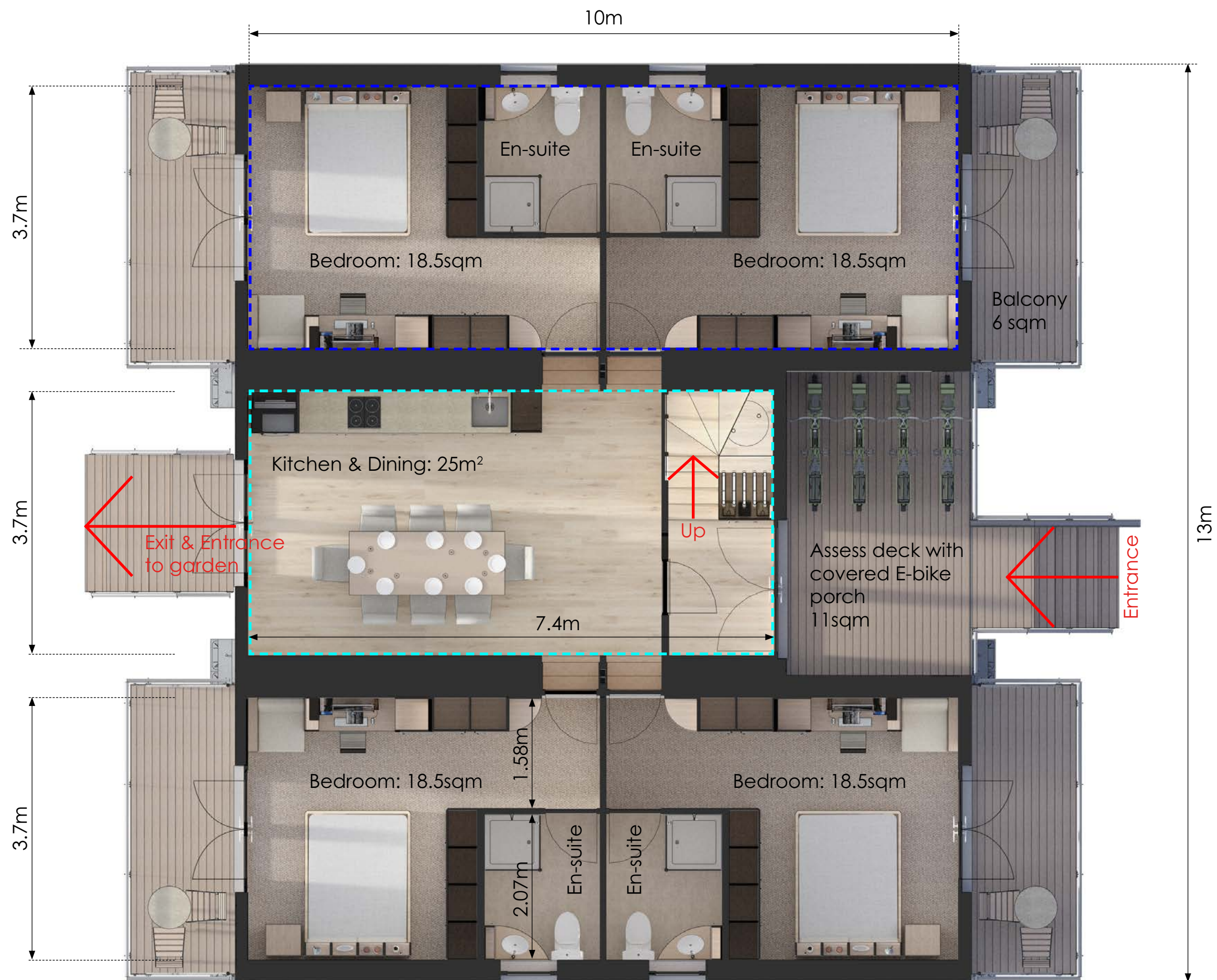
12 x 22.5 m² bedrooms
With optional roof top office

GIFA:

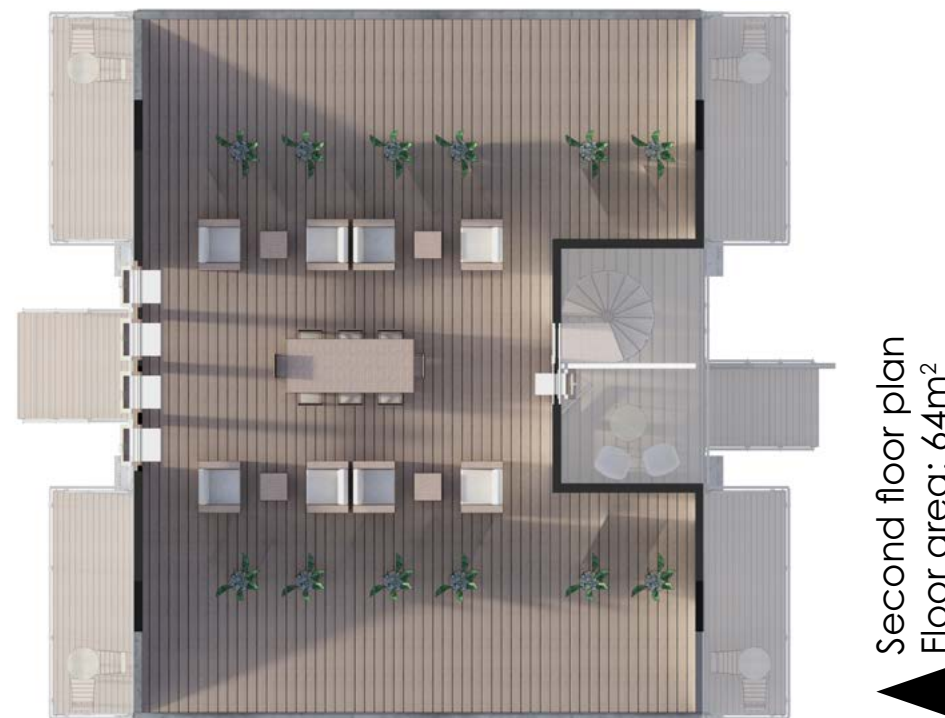
424 m²



18.5 m²
Bedrooms
Liv-Share Unit
Total Internal Floor Area: 99m²



2 Storey with solar loft
8 x 18.5m² bedrooms Liv-Share Unit
With optional roof top office



Gross Internal Floor Area
262 m²



2 Storey with self-erecting solar roof
8 x 18.5m² bedrooms Liv-Share Unit



▲ Ground floor plan
GIFA: 99m²



▲ First floor plan
GIFA: 99m²



Gross Internal Floor Area

198 m²

3 Storey with solar loft
12 x 18.5m² bedrooms Liv-Share Unit
With roof top office



▲ Ground floor plan
GIFA: 99m²



▲ First floor plan
GIFA: 99m²



▲ Second floor plan
GIFA: 99m²



Gross Internal Floor Area

361 m²



▲ Roof top with shared office
Floor area: 64m²

22.5^{m²}
Bedrooms
Liv-Share Unit

Total Internal Floor Area: 120m²

This enables higher space standards to be met by increasing the length of the structural bay — whilst staying within 12m for ease of transport for relocation

A typical floor plate with 4 bedrooms now increases to 120m² GIA excluding balconies and external deck space.



3 Storey with solar loft
12 x 22.5 m² bedrooms Liv-Share Unit
With roof top office



▲ Ground floor plan
GIFA: 120m²



▲ First floor plan
GIFA: 120m²



▲ Second floor plan
GIFA: 120m²



Gross Internal Floor Area

424 m²



▲ Roof top with shared office
Floor area: 64m²







We have been asked to add to the presentation a clear list of the products that will be sold if the first phase of 50 units is completed in time for the expo.

The best practice exemplar climate neutral buildings are constructed from a number of key ingredients.

Some of these are made by the ZED team, and some are made by other companies.

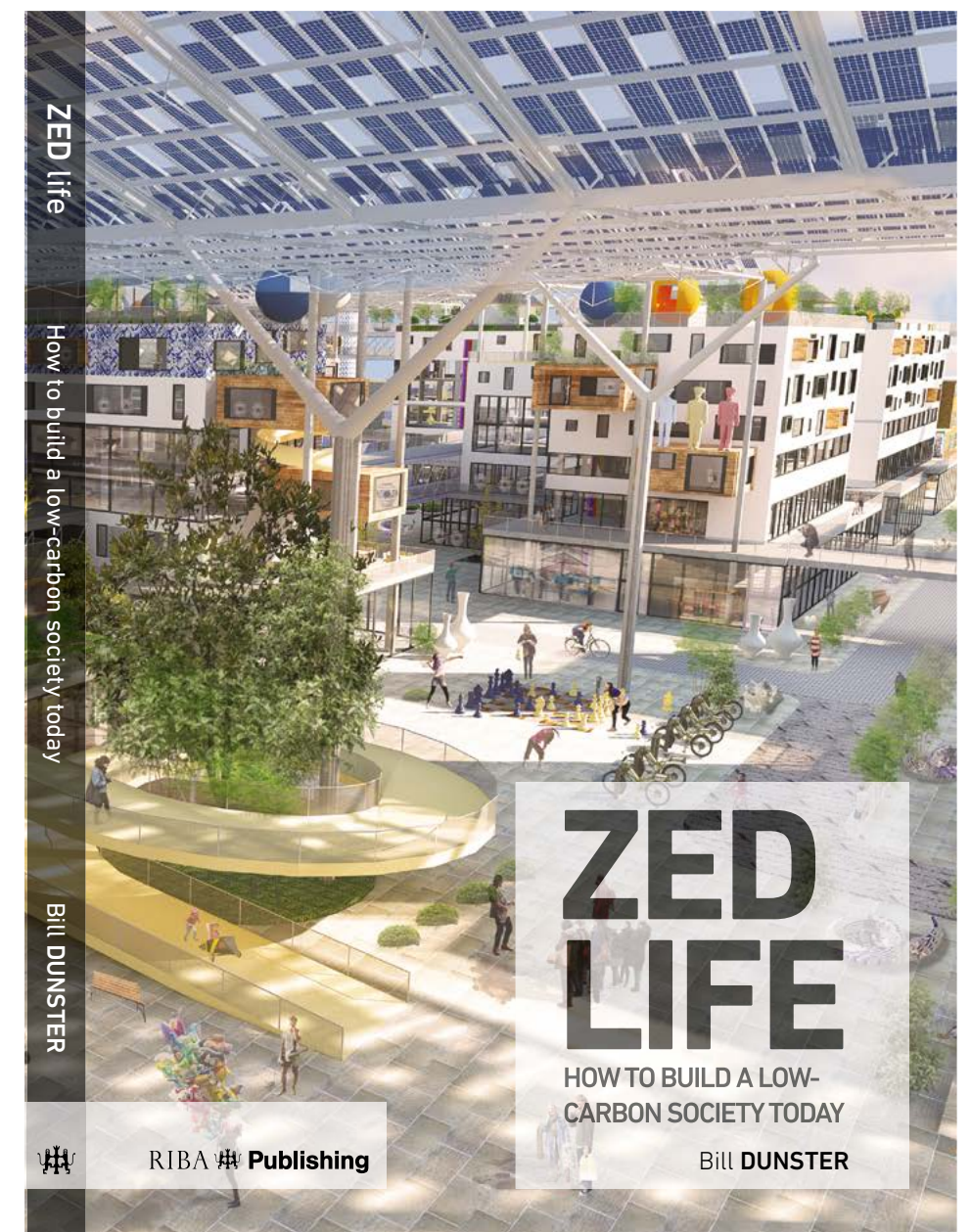
The main point to make here is that there is a massive marketing opportunity for this supply chain to sell these 'ZEDlife' solutions to the high level international visitors to the world expo.

There is a book that explains how all these climate neutral tools fit together to create a low carbon lifestyle solution that can be fine tuned to different climatic zones all over the world.




The economies of scale achieved by identifying which components are common to all countries, climates and markets is what gives the ZEDlife its commercial advantage.



Put simply we can achieve higher specs of renewable energy harvesting, energy storage, energy efficiency and durability than a conventional design and procurement strategy that has to be market led and often prices innovation and risk highly. Because we have been thinking about how to solve the climate change problem for so long, we have now identified this shared toolkit, and we are one of the few companies integrating construction with power generation and transport.

The joined up thinking between all these essential ingredients of a modern lifestyle produces a step change advance in urban fabric, whether the toolkit is applied to new or existing buildings.





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