

A SIMPLER WAY TOWARDS A HAPPY, HEALTHY HOME

Ecokit is versatile, easy to assemble and energy efficient home, with up to 60% faster construction, minimal operating costs and a positive environmental impact.

ecokit[™]
live your way



HOME FOR TODAY AND FOR THE FUTURE

Ecokit is one of the most innovative housing solutions on the market. It allows you to create a comfortable and healthy home that is easily customised according to your needs. It can also be simply modified with your changing lifestyle.

Ecokit embraces innovation and technology to provide healthy spaces surrounded by the warmth of the most eco-friendly building material - wood. Completely powered by the sun, responsive and flexible in design, constructed to ensure minimal environmental impact.

The revolutionary ecokit construction system has taken energy efficiency, build time and quality to a new level. Using the latest technology, ecokit homes are designed from prefabricated components, allowing buildings to be delivered to site and completed to a builder's finish in 12 weeks without the need for heavy lifting equipment.



AN INNOVATIVE ENGINEERED
CONSTRUCTION SYSTEM SUITABLE
FOR DIY



HIGH PERFORMANCE, LOW ENERGY
IN PASSIVE HOUSE STANDARD



MODULAR, RESPONSIVE
TO YOUR CHANGING NEEDS



OPTIONAL SYSTEMS



HEALTHY, SUSTAINABLE
MATERIALS



ARCHITECTURALLY DESIGNED,
WITH A POINT OF DIFFERENCE



CONSTRUCTION SYSTEM

Inspired by IKEA's founder, Ingvar Kamprad's idea of providing affordable, well-designed products 'for many people', we provide a turnkey solution to housing through the provision of a flat-packed assembly system.

Under the skin of every ecokit home is our engineered construction system, consisting of various digitally manufactured components.

Every component is cut with millimeter precision which guarantees a consistently high standard of quality and performance, whilst allowing fast assembly by anyone without any construction skills or previous experience. The prefabricated wall and roof panels are sized to be lifted by hand without the need for a crane or other heavy machinery.

All components are prefabricated in our workshop, so there is no need for measuring and cutting on site. They fit into each other, leaving minimal possibility for error while speeding up the construction significantly and therefore saving you time & money.

Our adaptable structures are designed to last for generations but at the same time can be rapidly and easily modified, repaired or relocated. They enable substantial savings by building only what you need, when you need it and changing it when you want.



MATERIALS

THE BEST MATERIALS. HANDCRAFTED. ZERO COMPROMISES.

We have been very particular in our choice of materials and components, focusing on quality over cost. Each element of the house has been carefully considered and chosen for its suitability, sustainability and durability.

Your living environment should be a healthy one and that's why we have chosen only organic / natural materials and finishes, and designed the heating and ventilation systems to promote healthy living. We've done extensive research to avoid using substances that can 'off-gas' into living spaces and chosen finishes and treatments that are either low or have no VOC's (Volatile Organic Compounds).

We have minimised the use of petrochemical products by using materials that are natural or that have a high recycled content, including glass wool insulation, which has a recycled glass content of up to 80% and no added formaldehyde. The exterior, features various unfinished/engineered materials to blend in with the environment.

Ecokit homes are one of the best-performing homes available in Australia. Our homes offer the lowest possible utility costs with the highest levels of comfort.

Ecokit follows the fabric-first approach to energy efficiency: super-thick insulation, relative air-tightness and north facing windows that help capture a free and almost everlasting energy source: the sun. We don't rely on 'bolt-on' energy-saving devices, instead the home itself does the hard work. The result is simple: you use less energy and save money.





“ Ecokit homes have possibly the lowest carbon footprint of any kit home built in Australia today. We use natural materials that take low levels of energy to produce, and come from sustainable sources. ”

EFFICIENCY



We believe that good quality housing should be available to anyone, which is the core of what we do and why we do it.

Mostly, we don't believe that affordability and energy efficiency should be exclusive to each other. A lot of architects will tell you that you either need a bigger budget or you have to compromise on energy efficiency. We want to challenge that kind of thinking.

Our buildings are constructed to achieve an 8 star rating (NatHERS) and are based on Passivhaus standards. Our unique construction system eliminates thermal bridging with all components engineered for enhanced energy efficiency and super thick insulation.

With the introduction of quality certified double glazing, underfloor heating and air ventilation systems, ecokit home owners can achieve substantial energy savings. We also offer optional add-ons including a variety of renewable energy systems to potentially make it a zero energy / energy positive house.

A woman with long brown hair, wearing a white sweater and blue overalls, is sitting on a brown tufted sofa. She is looking out a window, and the background shows a bright, sunny outdoor scene with greenery.

RAISING THE STANDARD

A Passive House (from the German word Passivhaus) is a rigorous, voluntary standard for energy efficiency in a building, that reduces its ecological footprint. It results in ultra-low energy buildings that require little energy for space heating or cooling.

Passive House buildings allow for heating and cooling related energy savings of up to 90% compared with typical building stock and over 75% compared with average new builds.

Passive House buildings are also praised for their high level of comfort. They use energy sources inside the building such as the body heat from residents or solar heat entering the building - making heating a lot easier.

The vast energy savings in Passive House buildings are achieved by using exceptional energy efficient building components and a quality ventilation system. There is absolutely no cutting back on comfort; instead the level of comfort is considerably increased.

MODULARITY

SMART DESIGN MAKES IT EASY

Now, modularity comes into play. Choose from our modular system wall elements, facade, roofing, windows, doors etc., practically everything you need. The basic specification can be greatly enhanced depending on your available budget.

The system is designed to be deployed on any site. It can be delivered on a truck in a shipping container or carried manually to a site with difficult access. We recommend a screw pile foundation however ecokit can be built on a concrete slab as well.

The main structure is designed to be adaptable, there are many features and options that can be easily added at a later date. The original home can be extended, and easily re-configured to suit changes in your life.

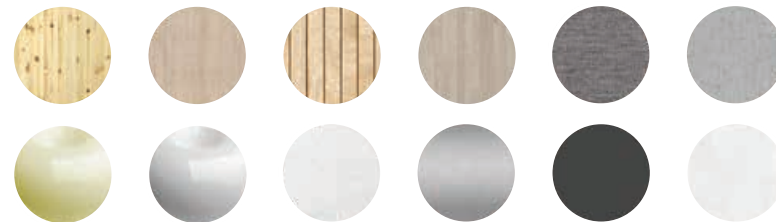
Exterior

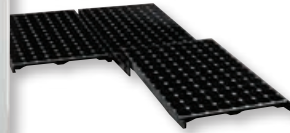
We offer fully timber or composite aluminium/timber window frames with double or optional triple glazing. The roof can be either sheet metal (colorbond steel) or you have the option to upgrade to solar tiles.



Interior

The interior of the building is continuing the spirit of being environmentally friendly, with low VOC materials, and a final layer of plasterboard and timber panelling. The timber theme is carried throughout the whole house with various features such as cabinets and shelves. The structural shell is a blank canvas on the inside and the internal fitout can be done in any style you like.





Build in solar energy

Capture, store and use your excess solar at night! Ecolit comes with an innovative battery system that can store free solar energy. Our stand-alone system is capable of sufficiently powering the dwelling and fits neatly into a utility area or shed.

SunPower solar systems are meticulously designed and tested to stand up to the harshest conditions: temperature swings, battering winds, humidity, hail and more.

Build in water collection

Every ecolit house comes with rain water collection and storage, provided by concealed gutters and easy to install bladder tanks, conveniently hidden underneath the house.

Hot water is supplied by an energy efficient heat pump that absorbs heat from the air and transfers it to heat water, in a way that saves energy, saves money and reduces greenhouse gas emissions.

Heating & cooling

Ecolit houses are extremely well insulated and so only need a very low amount of heating. We recommend a log fireplace, it is not only a heat source but will also be a feature in your home, providing a modern, comfortable and warming element. Our range of versatile fireplaces are perfect for small and medium size dwellings.

Drainage & waste

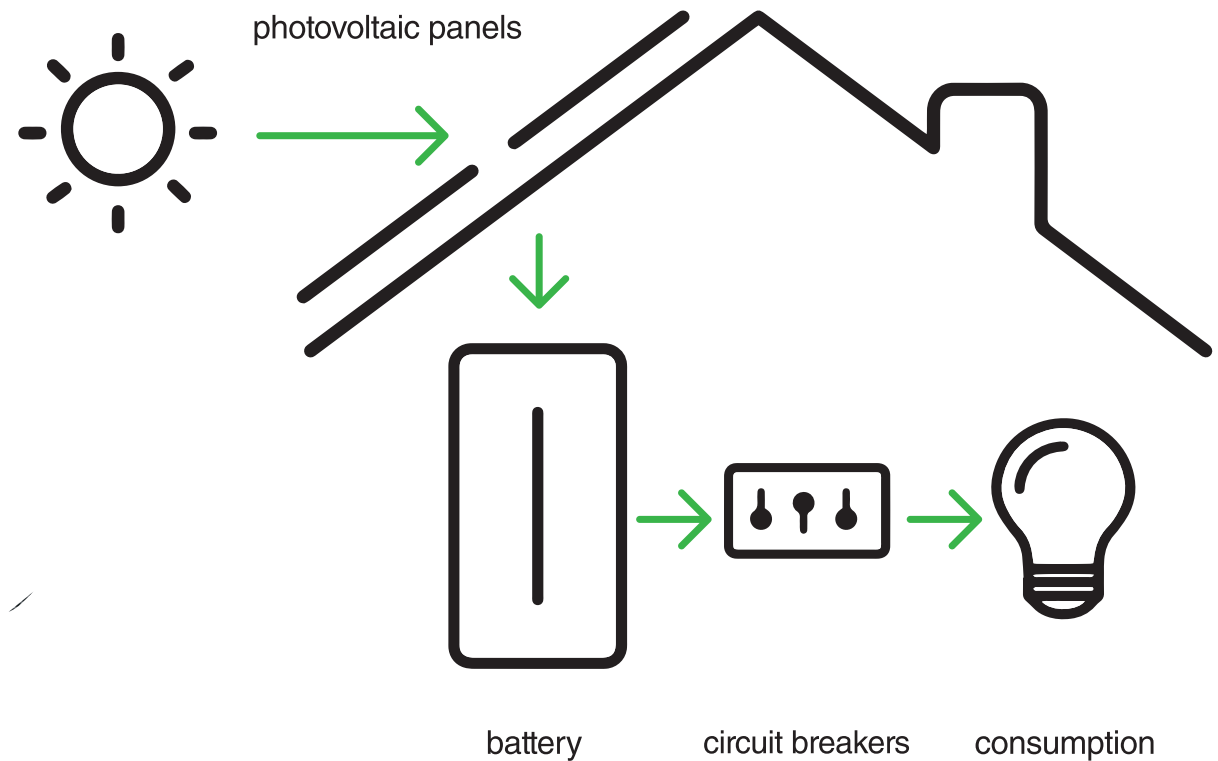
We've ensured that the whole plumbing and drainage system works cohesively. All parts are extremely low-maintenance and pressure tested to minimise any chance of leaks. Our supply of non-PVC pipework uses manifold connections so there are continuous pipe runs to each of the fittings, avoiding any leaks in hard to reach places.

We recommend environmentally smart, waterless composting toilets that are cost-effective and easy to maintain. They can save up to 60,000 litres of water per year in the average home and cost far less than regular treatment systems.

AUTONOMY

EMBRACING THE TECHNOLOGY

Technology is now part of our daily lives and we don't shy away from it. From the high efficiency solar panels and optional off grid package, to the latest in automated ventilation, ecokit is a house that leverages technology to make your life that bit easier, healthier, more enjoyable and entirely independent.



By systematically introducing the principles of energy conservation and recovery, and the use of solar and wind power, energy-independent houses can be easily built with no grid connection and no gas supply. They can also derive their water from harvested rain and also can deal with their own human waste.

The generous roof of an ecokit home, for instance, will be able to utilise enough solar panels for PV electricity generation and possibly also provide hot water. Collected rainwater is enough to sustain the needs of the entire household.

We provide all additional systems so that ecokit can be completely autonomous, generating its own water and electricity and recycling its grey and black water and humanure.



DESIGNS



Few experiences can be described as truly life changing. Stepping into ecokit home is one of them. The fresh air, with lingering smell of timber fills your senses. The natural light brightens your day. The surrounding natural materials are the closest possible connection with the outside environment. Pure joy.

Ecokit home is about chasing your own dream and living your own way. So grab a cup of coffee or refreshing chai and take a few moments to browse our new ecokit home models. Find the one that grabs your eye and fits your style.

Realise your dream home which has been pre-designed to eliminate the costly design process - offering you an intelligently designed home, that is fast to install, low or zero energy and precision engineered to the highest quality. Our pre-designed homes and more importantly our transparent prices give you financial peace of mind and ensures an uncomplicated, quick and stress-free experience.



SMILE BIGGER.

SLEEP BETTER.

BREATHE DEEPER.

BE CREATIVE.

USE YOUR HANDS.

MAKE YOUR HEART BEAT LOUDER.

LIVE YOUR WAY.

STUDIO

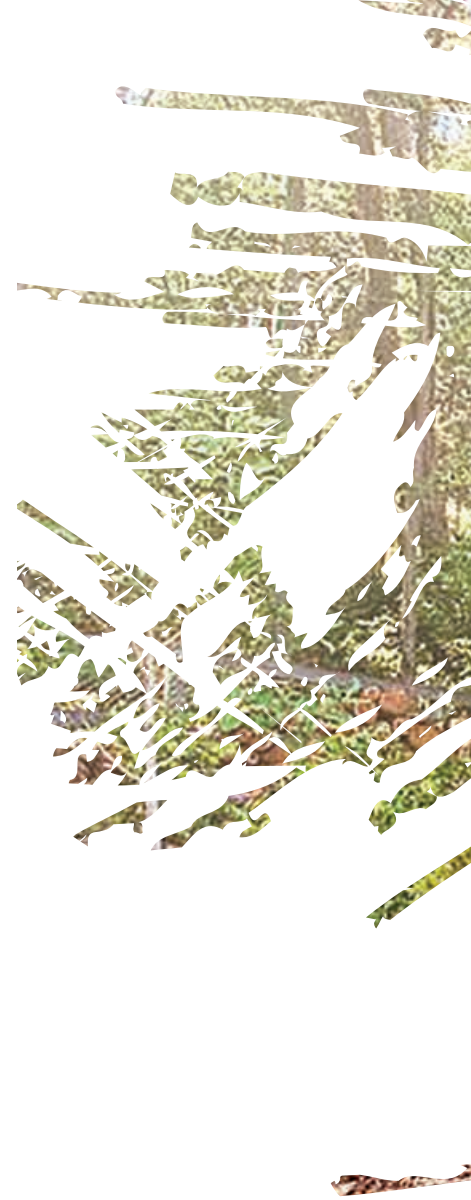
THOUGHTFULLY DESIGNED TO MAXIMIZE LIFE!

Ecokit smallest dwelling, the studio, has been created to adapt to your lifestyle, not the other way around. The Studio Series has been thoughtfully designed to allow for maximum space within a compact design, adding value to both your existing home and your lifestyle.

We've ticked all the boxes to provide you with both a beautiful and functional space that is highly adaptive, cost-effective, and eco-friendly. Small enough to fit into a backyard, big enough for it to be whatever you dream it to be.

Perfectly designed to fit within an urban environment, the studio is adaptable, energy efficient and easy to construct... So easy, you could build it yourself!

Designed for the young and young at heart. The architecturally designed, precision engineered, non-toxic structure is beautifully crafted using only the very best eco-friendly products and finishes.



STUDIO



2 BEDROOMS

DESIGNED TO ADAPT AND GROW ALONGSIDE YOU!

Introducing the 2-bedroom ecokit homes range. Perfectly designed to allow for mindful living on a budget without compromising on style and quality.

The 2 bedroom home is the next step up from a studio module giving you extra space for another bedroom or study. Ideal for those who want to upgrade from a studio or start out small and expand their home as their life expands.

With ecokit's signature style of seamless lines and quality natural materials, the 2 bedroom home retains all the core features ecokit homes are renowned for, including non-toxic materials, high-quality finishes and energy efficient design while allowing more space and adaptability.

The 2 bedroom home series has been created with adaptability in mind. Why buy into a home for your future self when you don't know what that is yet? As our lives ebb and flow why not have our homes ebb and flow alongside us... To grow and contract as needed whilst still maintaining beautiful style and eco-friendly qualities.

Ecokit's 2 bedroom home... Your forever home starts here.



2 BEDROOMS



3+ BEDROOMS

WHO SAID YOU CAN'T HAVE IT ALL?

Wake up to the peace of mind knowing your home is looking after your nearest and dearest in every way possible.

Our 3+ bedroom homes showcase ecokit in all its glory. Completely adaptable to your family and lifestyle, our modules fit together seamlessly to suit your family and your site to create a home as big or as small as you need it to be.

Natural light streams through thermally efficient glazing, highlighting a contemporary, open plan natural interior. The two-storey design of our 3-4-bedroom designs maximises space and allows a growing family the best of both worlds... privacy and connection.

There is no need to compromise the health of your family for a beautiful home. We have put our heart and soul into the design of the ecokit modules so you can have all the benefits of an energy efficient low-VOC structure with all the creature comforts of home.

Create a home that loves you as much as you love it!





3+ BEDROOMS



CUSTOM DESIGN

The unique construction system we have developed is versatile and flexible in its final style, but it might not suit everyone or every site. Perhaps you are after something specific?

Ecokit homes have been designed with adaptability, versatility and flexibility in mind. Each module can be mixed, matched, added onto or reconfigured with ease without compromising on style and quality.

We want healthy living to be available to everyone. Our doors are always open for discussing new ideas and custom configurations of our ecokit models.

One idea... A thousand possibilities.
Let's connect and see where this journey takes us.



A man and a woman are kneeling on a wooden floor, measuring and marking wood planks. The woman is wearing a red and black plaid shirt over a white tank top and blue jeans. The man is wearing a blue t-shirt and blue jeans. They are both smiling and looking down at the wood. The man is holding a yellow pencil and a yellow measuring tape. The woman is holding a yellow measuring tape. The background is a bright, out-of-focus interior space. On the right side of the image, there is a large, semi-transparent, stylized letter 'E' that spans most of the vertical height of the page.

CUSTOM DESIGN

A man and a woman are smiling and looking at a bowl of food on a table. The man is wearing a grey sweater and the woman is wearing a blue and white plaid shirt. A large white question mark is superimposed over the right side of the image.

WHY BUILD AN ECKIT HOME?

It's surprising to know that many people think building their own home is out of their reach.

And that buying and renovating existing properties is an easier and more affordable option. This is not usually the case! The fact is - building your own home is more affordable now than ever.

When you build from scratch, you get the home you want, in the location you have chosen, at the price you want to pay.



OVERALL
BUILD TIME



TIME
ON SITE



PROJECT
COST



CONVENTIONAL BUILD



50 WEEKS



50 WEEKS



AVERAGE \$4,300 m2 +GST



ECOKIT HOMES



24 WEEKS



12 WEEKS



AVERAGE \$3000 m2* +GST

* Prices may vary depending on site conditions and material selection



GUIDE TO BUILDING WITH **ECOKIT** HOMES

Building your dream home will be one of the most memorable experiences you will have during your lifetime. It's that big milestone reached.

At ecokit, we believe in simplicity. We guide our clients through the process from inception to completion. Our flexible service structure allows clients full design freedom while our experienced team can offer guidance around achieving their brief within budget.

1. FIND A SITE

Moving into the right neighbourhood can make a world of difference. When considering where to build your new home, it's essential to have all the facts for all of your options. What kind of lifestyle do you and your family want? Do you want to be close to the beach, or do you need to be within walking distance to the shops?

2. FREE CONSULTATION

Let's have a chat about your plans and budget for your new home. We'll listen, consider your site specifications and come up with a proposed solution and a high-level pricing. If you like it, great, we can move to a design stage, if not, no hard feelings!

3. WHAT, WHERE AND HOW?

After your approval of the proposal and signing the Design Agreement, we'll be then ready to move forward to the Evaluation Stage during which you will be provided with documents required for Planning Permit application. At this stage, you'll pay an initial \$2,500 deposit* to enable us to prepare your Design & Documentation Agreement (contract).

A soil test and contour survey will be undertaken.

The conversation begins the design process with "Tell us more about YOU and how you live" so that we can create the best possible solution for you and your family. After all, this isn't something that happens every day. This is an opportunity to create your home. Our focus is designing you a home inspired by your everyday life.

5. SIT BACK AND RELAX WHILE WE GET TO WORK

When you're happy to proceed, you'll sign your Kit Delivery Agreement and pay the balance of 30% of the kit price, so we can order the materials and start fabricating your kit of parts.

Within a short time the components for your new ecokit home spring into life in our factory. We will keep you up to date by sending you regular photo updates as your kit is being manufactured.

We will send you a step by step ecokit assemble instructions and an invoice for the second payment just before completion and shipping of the kit to your site.

4. YOUR VISION COMING TO LIFE

We begin the Design Process with lots of questions and a meeting to discuss your goals and ideas for designing your new home. We drill down into the smallest details. The documentation fee is anywhere from \$3,500 for a standard model up to \$8,000 for a custom design.

During this stage we will develop floorplans, exterior elevations + details to further describe the characteristic of the project and provide up to 2 revisions on the design development drawings. We will also provide a virtual model of your new home, so you can walk through and check how it feels even before it's built!

Based on the approved Design Development drawings, we will create a set of drawings and specifications which describe the scope of work for construction of the home. These drawings and specs – the Construction Documents – are used not only by the contractor to build the home, but also are submitted to the local building department for application for a permit.

7. YOU'RE ONLY WEEKS FROM MOVING IN!

The final payment is due on delivery. Once unloaded, you or your builder can get cracking!

The assembly depends on the components you chose for your house, but it is the fastest phase of the whole process. Due to our flexible system, a minimum of resources is required for the final assembly.

6. YOUR NEW HOME IS ON ITS WAY

Once the next stage payment is received, the kit will be shipped directly to your site.

While the kit is on its way to you, your chosen builder will commence work on the site, preparing foundations, services, and landscaping, compressing the timeframe for your project significantly!

Once the kit arrives at your site, we'll coordinate the unloading and you're ready to move to the next stage – the assembly!

We hope you enjoy the experience of living your way in your new ecokit home as much as we have enjoyed making it for you. Our goal is to exceed our clients' expectations and leave them happy beyond their wildest dreams.

8. HAPPY LITTLE VEGEMITE

TRANSPORT & DELIVERY

Prefabrication allows for an economy and conservation of material and energy usage in the production and assembly of the building components.

Ecokit is a prefabricated engineered construction system that minimizes carbon footprint and site imprint of the structural assembly. Each component is flat-packed in a shipping container and shipped to port close to the site, then transported by truck to the site.





TRANSPORT & DELIVERY

QUALITY & INCLUSIONS

THE TEAM AT ECOKIT IS DEDICATED TO PROVIDE THE BEST QUALITY, ENERGY EFFICIENT HOMES AT AFFORDABLE PRICES. ECOKIT 'KIT OF PARTS' INCLUDE:

DOCUMENTATION

- set of construction plans & specifications, assembly manual
- engineer's certification covering all structural aspects of the building
- detailed set-out drawings showing all hold down requirements (does not include the slab or the ground screw system but does include plans noting all the tie down requirements)
- facilitation of planning / building permit

Note! Concrete slab or footings have to be constructed as per Engineers design & requirements. Foundations are not part of ecokit package.



ECOKIT CONSTRUCTION SYSTEM

- numbered, pre-assembled framing components
- numbered insulated wall & roof panels
- elevated floor system (if applicable)
- stairs (if applicable)
- external wrap – Pro Clima Mento (up to 3 months of weather exposure)
- internal wrap – Pro Clima Intello
- all tapes and fixing components
- timber double glazed windows as standard
- internal / external doors
- glass sliding door / corner or standard unit as per design concept

EXTERIOR KIT

- Colorbond roof, battens & gutters, all hardware including brackets, silicone, rivets, etc.
- timber cladding (up to BAL 19)

INTERIOR KIT

- floating bamboo or engineered timber floor
- plasterboard
- built-in wardrobes where indicated on plans
- kitchen cabinets
- shelves / cabinets as indicated on plans
- vanity units for bathroom
- shower kit

OPTIONAL

- upgrade to composite solar roof tiles
- upgrade cladding to mineral boards (up to BAL40)
- hybrid solar system (connected to grid)
- stand alone solar system (off grid)

We are very particular about the suppliers we work with because we are driven to provide you with only the best quality finishes at an affordable price.

NOT INCLUDED

- Site survey
- Site clearing or cutting & disposal of rubbish
- Council fees & lodgement of plans
- Transport & delivery charges to site
- Electrical, plumbing, drainage, tiling or tiles or painting
- Any on site construction labour
- Any connections to electricity grid, storm water disposal, sewerage and mains water

THIS IS ABOUT LIVING LIFE YOUR WAY

ecokit™
live your way



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