

Welcome to a community designed with the future in mind. Here's how you can create a healthier, more efficient, and more sustainable home.

## Design for Comfort, Naturally

Reducing your heating and cooling needs starts with smart home design:

### Face your home to the north

Position your main living areas and larger windows to face north. This maximises natural light in winter to warm your home and allows effective shading in summer to keep it cool.

### Use passive solar design

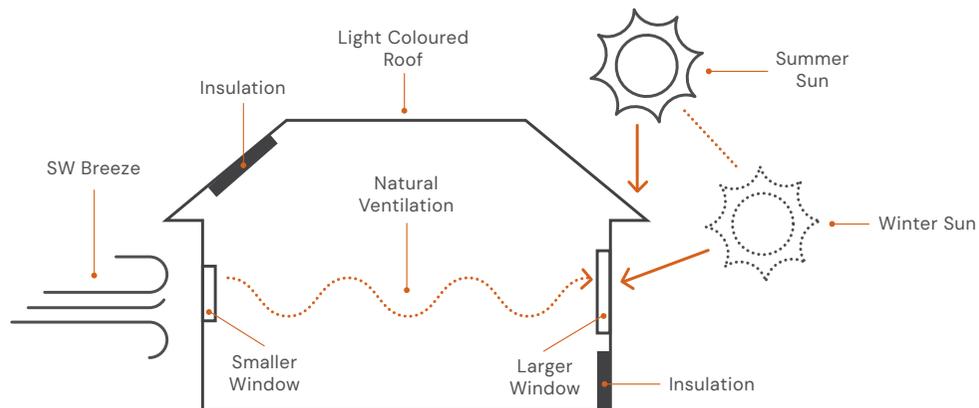
Deep eaves, pergolas, or fixed shading on the northern side of your home help block harsh summer sun while still letting in low winter sunlight.

### Place windows strategically

Opt for larger windows on the north side and smaller ones on the south. In Perth, this helps capture the cool south-westerly breeze while reducing unwanted heat gain.

### Add external shading and insulation

Where fixed shading isn't possible, use external blinds, and choose light-coloured, thermally reflective roofing. High-performance wall and ceiling insulation helps your home stay cooler in summer and warmer in winter - reducing energy use all year round.



## Use Water Wisely

Water is precious - especially in WA's dry climate. Help conserve it with these practical tips:

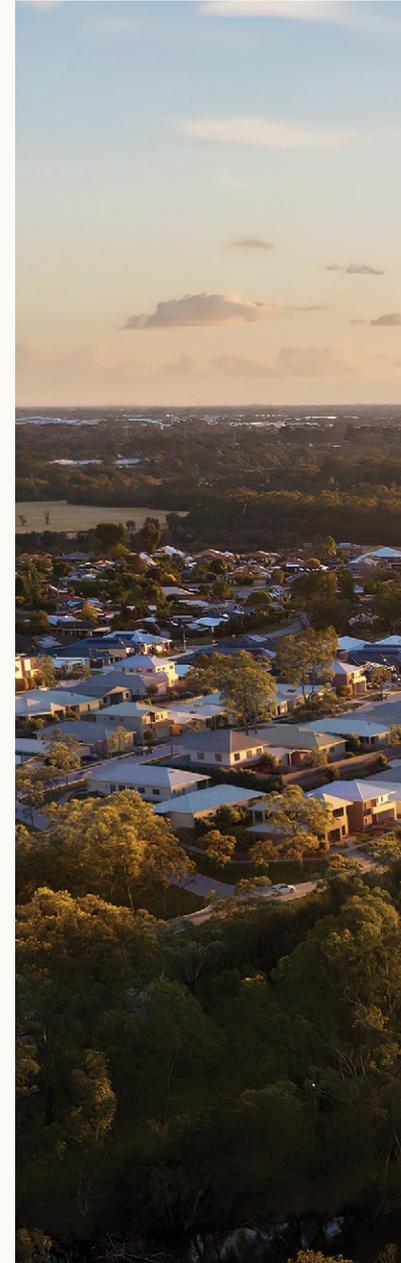
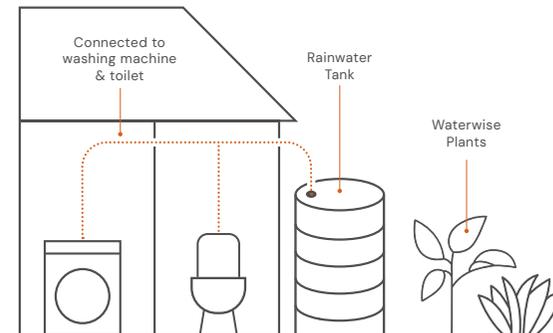
### Install a rainwater tank connected to your home

A plumbed in rainwater system is perfect for flushing toilets, laundry, garden watering, and even washing the car. This can reduce your mains water use by up to 45%.

### Plant native, waterwise gardens

WA native plants are beautiful, low-maintenance, and perfectly suited to Perth's climate.

- Visit the Water Corporation's website for a list of recommended waterwise plants.



## Choose Clean Energy & Cut Emissions

Make your new home future-ready with energy-smart choices:

### Go fully electric

Choose electric appliances for hot water (preferably heat pump or solar), heating/cooling (reverse-cycle air conditioning), and cooking (induction).

- Induction cooktops use up to 4x less energy than gas.
- Electric appliances are not only more efficient but also safer and cleaner, especially for indoor air quality.

### Install rooftop solar PV

With Perth's abundant sunshine, solar panels make perfect sense. They lower your power bills and reduce reliance on grid electricity.

### Consider a home battery

Store excess solar energy during the day to power your home at night - increasing energy independence, lowering energy costs, and using more renewable electricity.

### Buy energy-efficient appliances

Look for the Energy Rating label when purchasing — the more stars, the better. Efficient appliances save power and money in the long run.

### Switch to an electric vehicle (EV)

Transport is a major part of your household carbon footprint. An EV, especially when powered by your solar system, is a clean, efficient alternative.

- Install an EV charger at home and plan to charge during the day to make use of solar power.
- Choose a charger that matches your needs - not too small, not too large.



## Waste Reduction & Low-Emission Materials

Responsible waste management starts during the build and continues once you're settled in:

### During construction:

- Ask your builder how they plan to reduce waste and maximise recycling.
- Ask your builder for low-carbon options e.g. low-carbon concrete slab and a timber frame.

- Ask your builder to use low-emission products (such as low-VOC and low-formaldehyde) paints, sealants and adhesives. Choosing these options helps maintain healthier indoor air quality in your home.
- Check if your council offers a FOGO (Food Organics Garden Organics) bin or set up your own compost system.

### Once living in your home:

- Organic waste is a major source of household landfill and greenhouse gas emissions. Composting your food and garden waste helps reduce methane and enriches your soil.

### Take part in Containers for Change

Return eligible drink containers for a 10c refund. This WA Government initiative reduces litter and supports recycling - and can even raise funds for community groups or charities you care about.

Your new home isn't just a place to live - it's an opportunity to live better. By embracing these principles, you'll enjoy a more comfortable, efficient home while contributing to a cleaner, greener future.

