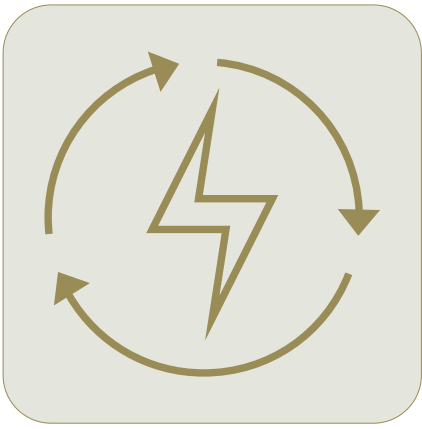


GREEN INITIATIVES

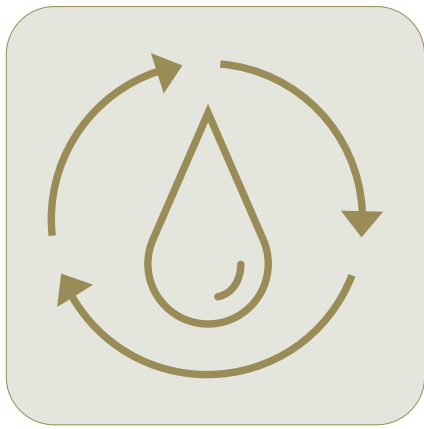
ECO ENERGY

RENEWABLE ENERGY



The most common form of renewable energy generation is solar PV (photovoltaic). With solar PV panels installed on a building's roof, you will be able to harness energy from the sun to generate electricity and help reduce your monthly bill.

RENEWABLE WATER



Malaysia is blessed with rain all year round and with this in mind, we've fitted your homes with rainwater harvesting systems. This puts renewable water source into good use for a host of daily activities, such as cleaning the front porch, watering the garden, plants and washing your car.

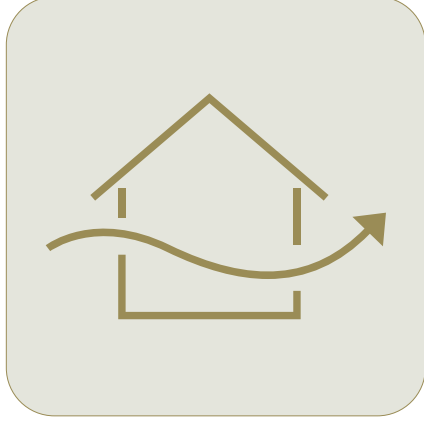
ECO DESIGN

BUILDING ORIENTATION



By studying the local sun path as it rises and sets from East to West, we are able to optimise a building's orientation to prevent excessive heat gains. As a result, your building is designed to ensure that its interior remains cool and comfortable throughout the day.

NATURAL VENTILATION



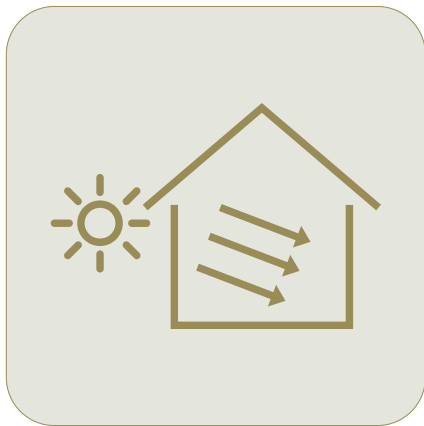
Hot air naturally rises, hence we have designed your home to draw in natural air while allowing hot air to escape via cross ventilation from the windows. By carefully placing window openings towards the direction of prevailing winds, natural cooling air can be ventilated throughout the home.

WINDOW DESIGN



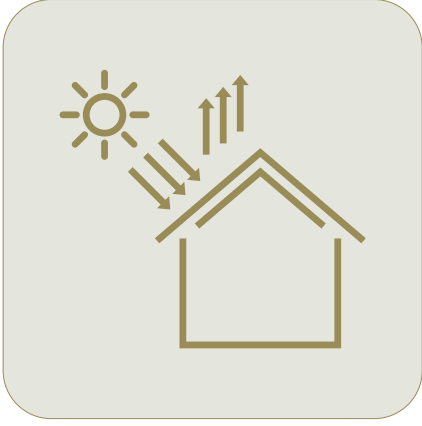
Determining the positioning and size of the windows in a building involves finding the right balance between outside views, natural light penetration and heat gain. We have optimised your building's window design to ensure that you will be able to enjoy pleasant views and natural lighting without the unwanted heat gain.

NATURAL LIGHTING



There is no better way to light your environment than through the natural rays of the sun. We have designed the exterior of your home to maximise daylight penetration reducing the need to turn on lights during the day.

COOL ROOF



A building's heat gain is mostly through the roof. By installing the right roofing material and insulation, heat gain that is passed through the roof can be reduced.

RECYCLING READY



A township with a recycling friendly design can encourage its community to do their bit for the environment. EcoWorld townships are recycling ready with recycling bins and points. We will also have continuous recycling campaigns and activities to engage residents.

ECO CONSTRUCTION

RESPONSIBLE CONSTRUCTION



Through the right controls and plans, we've ensured that all construction activities carried out has minimal impact on the surrounding community and the environment. We take great care to keep our rivers and neighbourhoods clean.

USING GREEN OR ECO-LABEL MATERIALS



We see the use of green or eco-labeled certified construction materials in our homes as the way to go forward. They are non-toxic, non-hazardous and harmless to the environment. Through this, we only use materials such as low VOC paint in your home which has non-chemical ingredients that will promote health and well-being.

CONSTRUCTION WASTE RECYCLING



The common practice for disposing of construction waste is to dump it into landfills. At EcoWorld, we have taken a different approach by recycling waste materials such as paper, plastic, metal and timber to reduce the impact of the development as these materials can be a valuable resource.

ECO MASTERPLAN

GREENSCAPES & WATERBODIES



We take pride in dedicating a large percentage of our developments to greenery and water areas such as gardens and lakes. We hope to create a cooling and visually pleasant environment for all to enjoy.

GREEN MOBILITY



Besides being able to move around in your neighbourhood freely, we have also installed other alternative connectivity modes to nearby community amenities – a pedestrian only path. Look forward to leisurely strolls around the neighbourhood.

PEDAL READY



Being able to move around in your neighbourhood without having to drive is not only convenient but it lowers the carbon footprint and is also a healthier option. We have designated cycling lanes that connect residential areas to nearby amenities such as shops and to community areas and parks within the development. Getting around is a breeze!

ECO LANDSCAPE

NATIVE PLANTS



We believe in including native plants (local plants) in a development's environment as it not only provides greenery, but maintains the natural ecosystem around a neighbourhood. These 'locals' usually require less maintenance and have low water requirements.

LANDSCAPE IRRIGATION WATER



EcoWorld's developments are known for their beautiful greenery and landscaping. Instead of using treated quality water from the local water supply, we get our water through renewable sources such as ponds and lakes to water the plants in your neighbourhood. This allows for lower maintenance cost and has lesser impact on the overall environment.

BIODIVERSITY



We feel that a development without flora and fauna lacks in character and beauty. In order to provide rich biodiversity, we have designed parks and rivers with plants that will attract suitable animal species such as birds, butterflies and other insects to our townships.

COMPOSTING



We convert landscape waste into compost that can be used as fertilisers to keep landscapes healthy and beautiful. This will improve soil moisture by holding in water when there isn't enough, and prevent soil run-off when there is too much. This method is an eco-friendly alternative and sustainable source to nurture your growing plants.