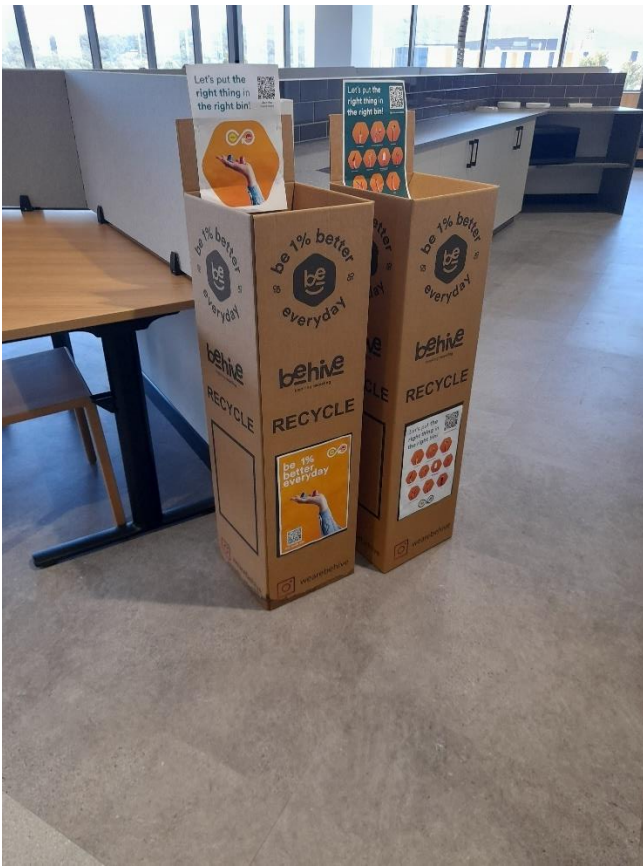# AFFORDABLE AND CLEAN ENERGY

Use of energy marks the beginning of human civilization. It began with the use of burning biomass (discovery of fire) to produce heat for local heating and cooking purposes. The Industrial Revolution in the late 1700s caused a paradigm shift to the use of coal, oil and natural gas as the primary sources of energy. As the population increased over the years, the demand for these non-renewable resources also increased, thus pushing the environment to the brink of destruction.

As the world population continues to grow and with our economies reliant on fossil fuels we are causing changes to our climate. Energy is central to nearly every major challenge and opportunity the world faces today. Hence, it is imperative that we move to more environmentally friendly sources of energy, that are accessible by the most remote areas of the world.

Achieving SDG 7 is expected to galvanize actions to meet the Paris Agreement on climate change.

SCAN ME
To know more about clean energy
11

SCAN ME
To find out how to protect our planet
12

SUGGESTION
Interactive photo recommendation

our coffee cups are 100% compostable

ROBINA CAMPUS SOLAR SYSTEM

YESTERDAY *

kWh Production
353.03

Today's data not complete/available

PRIOR MONTH

kWh Production
7,649.5

Average Daily kWh
254.98

CURRENT MONTH

kWh Production
2,789.0

Average Daily kWh
232.42

SYSTEM LIFE

Life of System (kWh)
206,652

Average Daily kWh
373.69
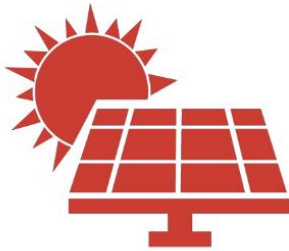
ENVIRONMENTAL BENEFITS
(System Life)

Equivalent CO2 Emission Saved (kg)	Equivalent Trees Planted
124,673	2,418

* Based on "Trees Planted Factor" of 0.0117 trees/kWh for Australia (Source: SolarEdge documentation)
* Based on "CO2 Factor" of 603.3 g/kWh for Australia (Source: SolarEdge documentation)
* Based on "Km's Driven Factor" of 2.9238 km/kWh (Source: EPA (US))
   https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator

solaredge

SUSTAINABLE SWAPS
THIS-FOR-THAT

TIPS FOR WASTE-FREE LIFESTYLE

PLASTIC CUTLERY →	HOME CUTLERY SET
BODY WASH →	BAR OF SOAP
TAKE AWAY CUP →	REUSABLE CUP
GROCERY STORE →	FARMERS' MARKET
DRIVE YOUR VEHICLE →	ACTIVE TRANSPORT
PLASTIC PRODUCE BAGS →	MESH PRODUCE BAGS
FOOD SCRAPS IN LANDFILL →	COMPOSTING BIN
SEEDPOD CAFE COFFEE CUPS →	COMPOSTING BIN

SUSTAINABLE DEVELOPMENT GOALS

tafe Queensland

Let's put **the right thing** in **the right bin!**

Join the movement

TOOTHBRUSH

ELECTRIC-TOOTHBRUSH

TOOTHPASTE

FLOSS

SHAMPOO-CONDITIONER

RAZOR

BLISTERPACK

BOTTLE-SPRAY

TRIGGERS-HEADS

DISHWASHING LIQUID PLASTIC BOTTLE

PENS

behive tafe

TAFE QUEENSLAND ASHMORE HAS PARTNERED WITH CONTAINERS FOR CHANGE!

CONTAINERS FOR CHANGE

✓ **Containers for Change bin**

✗ **DO NOT put in this bin**

Funds received from Containers for Change will go towards funding TAFE Queensland sustainable initiatives and student scholarships.

MAKE GREAT HAPPEN tafe Queensland

ASH THE BACKPACKER

Ash is made entirely out of the type of rubbish some people dispose of inapropriately.

These Rubbish People statues are placed across the Gold Coast to bring attention to littering and what we can do about it.

Scan the QR code and see how to dispose of different types of waste in a sustainable way.

MAKE GREAT HAPPEN **tafe** Queensland

OH DEER

THE FESTIVE SEASON IS NEAR!

We need your help, to decorate the Robina campus, to get it looking merry and joyful for all.

The decorations that will be taking pride of place in our campus will be handmade and created with our sustainable practices at the forefront.

This will be done by making sure that as many of the materials used in the creations of the decorations, will be either recycled, repurposed or natural

This is where we need your support to help make this happen.

We are asking if you can donate any of the items listed below. They can be dropped off in the ECEC room 202 on level 2. We need these items by Tuesday 15th November please:

Magazines	String
Wool	Sticks
Fabric scraps	Pine Cones
Ribbons	Gum nuts
Banksias	Shells
Old books	Any craft supplies
Paper	Origami paper

Buttons from old clothes no longer used

Please remember to ensure that we are adhering to our mission of recycled, repurposed or natural materials, we ask that you only donate items that you have at home or have collected in nature.

Thank you

SHERIDAN
RECYCLING PROGRAM

DO YOU HAVE PRE-LOVED LINEN ITEMS YOU WISH TO DONATE?

MONDAY 14 NOVEMBER TO FRIDAY 18 NOVEMBER

DROP-OFF ANY BRAND OF LINEN TO THE LOCATION BELOW

TAFE Queensland Robina Campus:
Where: Collab Space 5 (next to Customer Service Desk)
When: Mon/Tues/Thurs/Fri 8.30am - 2.00pm
           Wed 16th November 9.00am - 2.00pm

Robina State High School:
Where: School gates
When: Mon to Fri 18th November 8.00am - 9.00am

Items accepted include: sheets, quilt covers, pillowcases & towels

Your items are diverted from landfill, and sent to partnering factories to be made into recycled yarn that is re-purposed into new products. Any fibres that are unable to be converted still find a second life. Please wash items prior.

START CLEANING OUT YOUR LINEN CUPBOARDS!

Robina State High School

MAKE GREAT HAPPEN **tafe** Queensland

CO-MINGLED RECYCLING

Paper, cardboard, aluminium, steel, glass, ridgid plastics **ONLY** in **YELLOW** bin

Scan the QR to see which bin your item goes in

MEDITATION & MINDFULNESS

INTRODUCTION TO BREATHWORK

GUIDED BY PROFESSIONAL ROBBIE WEIR

FREE YOUR MIND & CONNECT WITH YOUR HEART
THIS EVENT IS NOT TO BE MISSED!
SCAN THE QR CODE TO REGISTER NOW!

📅 **Friday 9 September**

📍 **Rm 208 & 209 (level 2)**

🕐 **12pm-1pm**

IN SUPPORT OF **SUSTAINABLE DEVELOPMENT GOALS**

MARKETPLACE

Local Handmade Products & Craft Stalls

Come to our first Robina Marketplace event!

Get ideas for sustainable gift wrapping and check out what craft items are for sale

Some stallholders may accept cash only or Eftpos only

BYO tote bag

FREE ENTRY

📅 **Wednesday 30 November**

📍 **Robina Campus - Lobby**

🕐 **11:00am - 2:00pm**

MARKET STALL

MARKET PLACE OPEN AT 11:00 - 14:00 WEDNESDAY 30 NOVEMBER