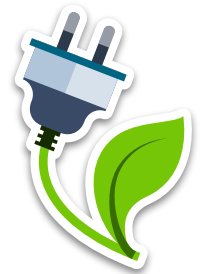


# Making solar-powered fan houses



SDG 7 Affordable and Clean  
Energy

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# Current Situation

- **130** countries have developed renewable energy and one-third of global's current electricity comes from renewable energy resources.
- Although **renewable energy** is widely used and developed all over the world, In Hong kong, people **lack understanding** about renewable energy and its benefits to the environment.
- By **hands-on activity**, people can learn more about renewable energy (solar power) and spread the idea to people around them.





# How is renewable energy important to us?



## Purpose

Produces no greenhouse gas emissions to reduce air pollution, reduce reliance on imported fuels

## Sustainability

Fulfills energy needs for future generations, creates economic development, derived from natural resources that are abundant and continuously replenished





# Solar power



Sunlight hits the photovoltaic (PV) tiles in Solar Roof

1

Absorbed by solar solar cells, creating a flow of electric current

2

Direct current energy is sent to house's solar inverter, which converts it to the alternating current energy that can power the home

3





# Details of event

1

## Participants

Primary school students from P4-6;  
with teachers or adults as supervisors

2

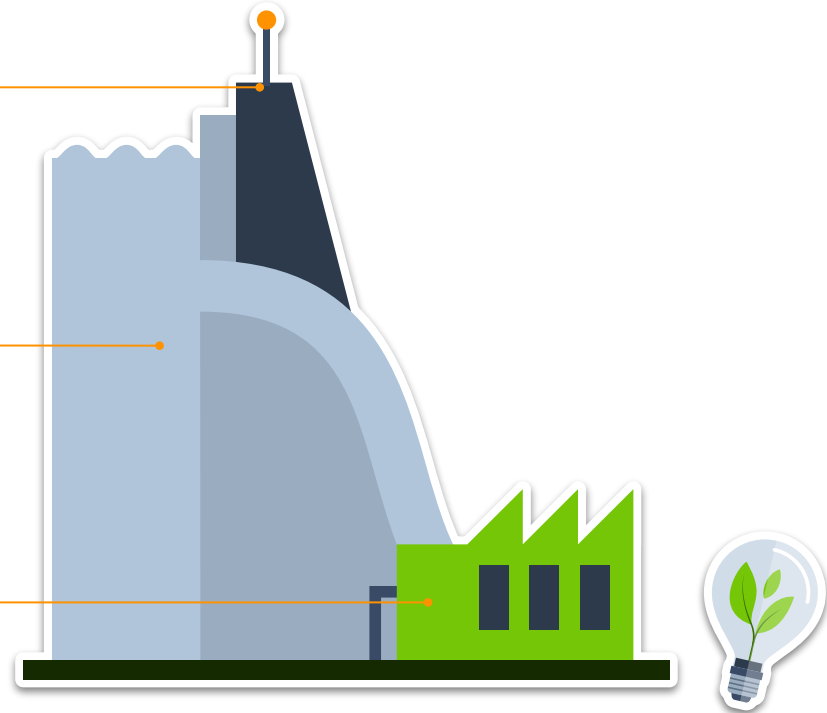
## Target number

Around 20 participants

3

## Duration of event

Around 45 minutes





# Outline of event

Introduction of event  
and brief lecture on  
renewable energy

Making the  
solar power  
house

Exhibition of  
products

Short online  
quiz +  
discussion time

01

02

03

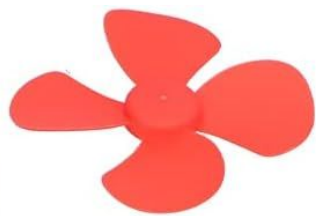
04





# Picture of product









# Promotion tactics



1

## NGOs

Collaborate with small NGOs to invite people to participate

2

## Social media

Using instagram, facebook posts

3

## Schools

Promote through schools by sending messages to their staffs





# Is it effective? Is it possible?

It is effective in the short-run, as it can raise awareness to youngsters about sustainability and renewable energy, but in the long-run, it can't help with the current situation, as the participants are still young and we could only educate them.

How to make it possible?

Partner with larger organisations to develop strategies to reach bigger audience, thus kickoff campaigns that can actually make solar panels etc.



# Thank you!

Photos from online resources

