

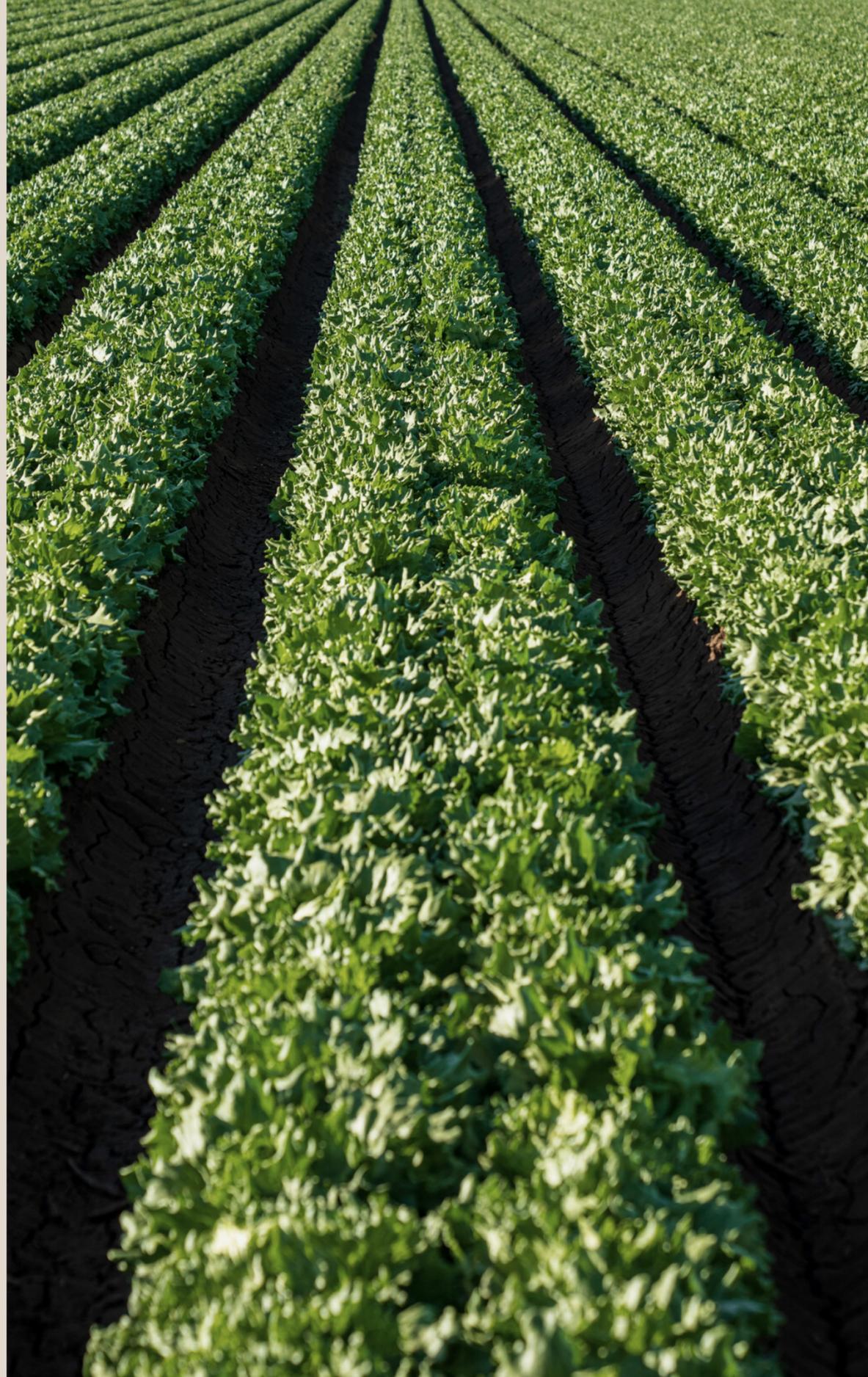
# LOW CARBON ACTION PLANS FOR CAMPUS AND HOME LIFE

KGHS

Ashley Vivian Alicia May

**13** CLIMATE  
ACTION





# TABLE OF CONTENTS

- FOOD
- TRANSPORTATION
- BUILDINGS
- LOW CARBON CAMPUS



# 1. Food

- **problem**
- **principles**

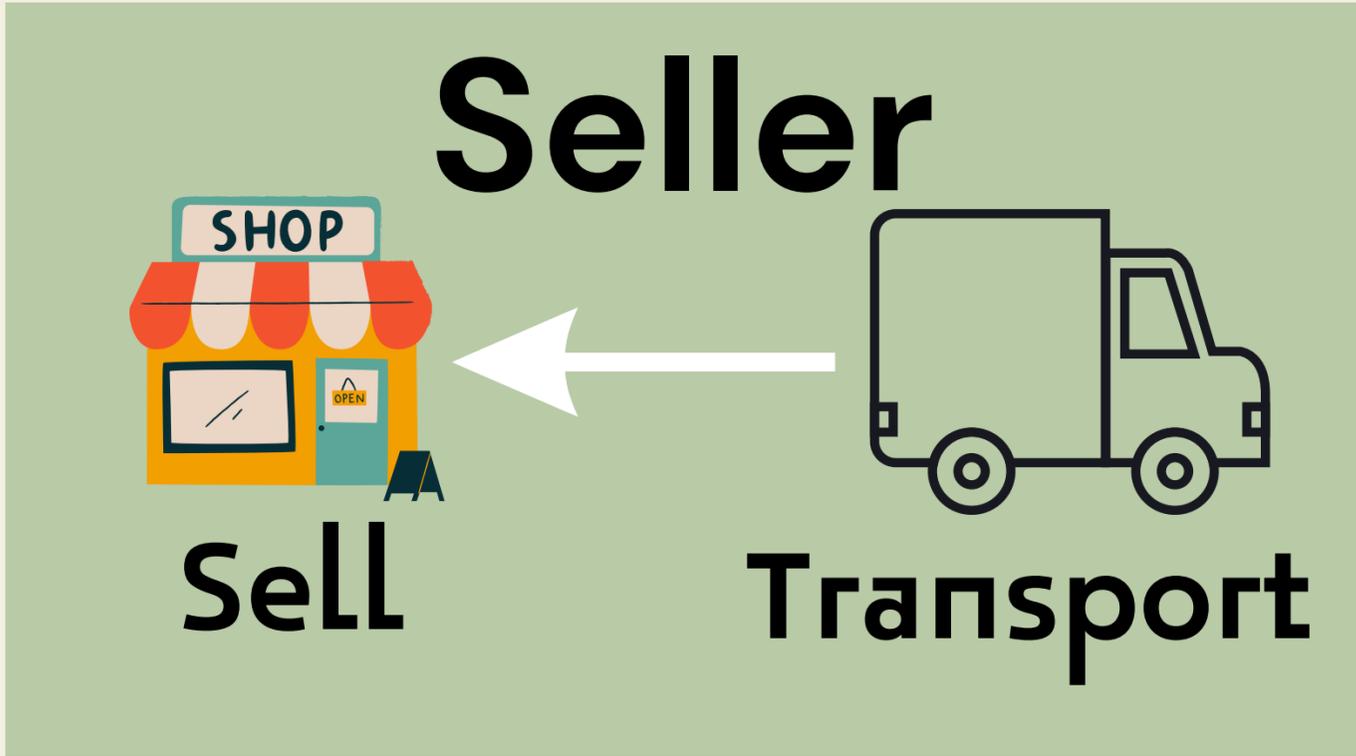
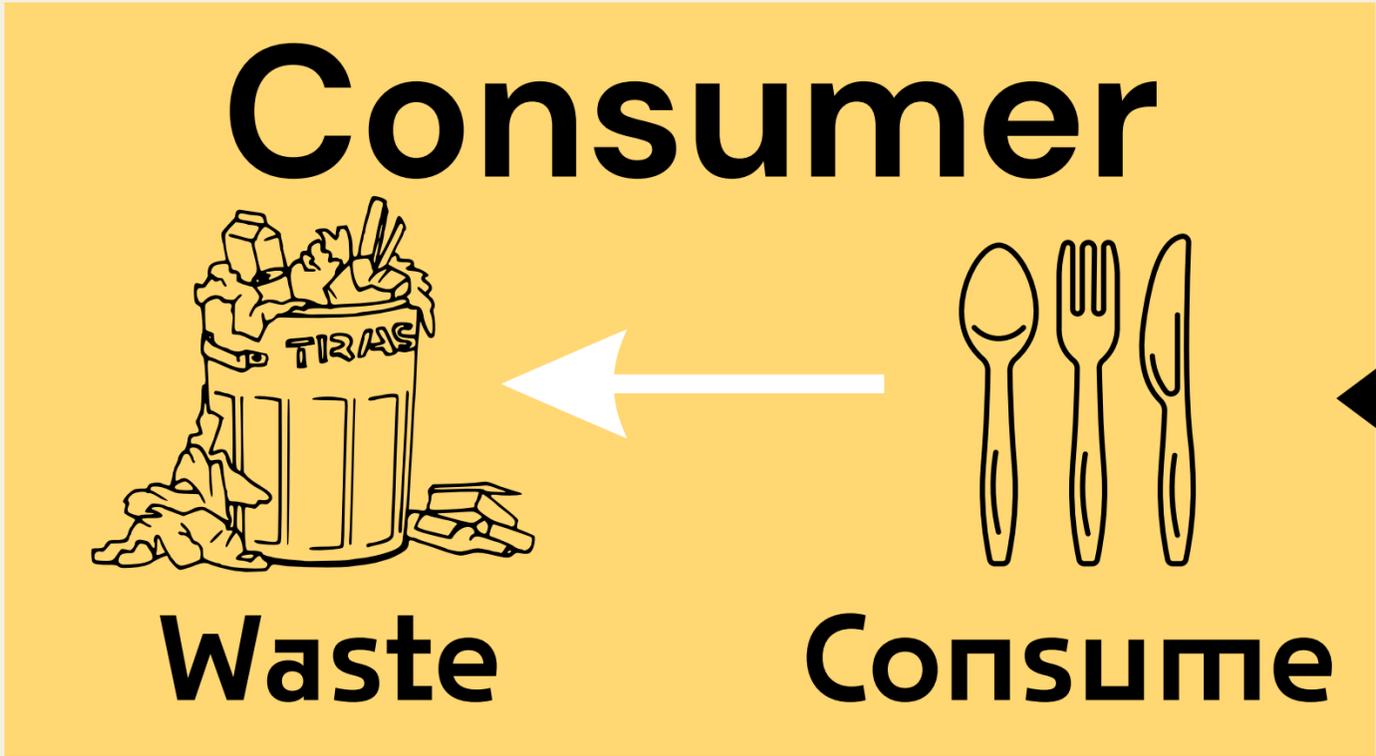
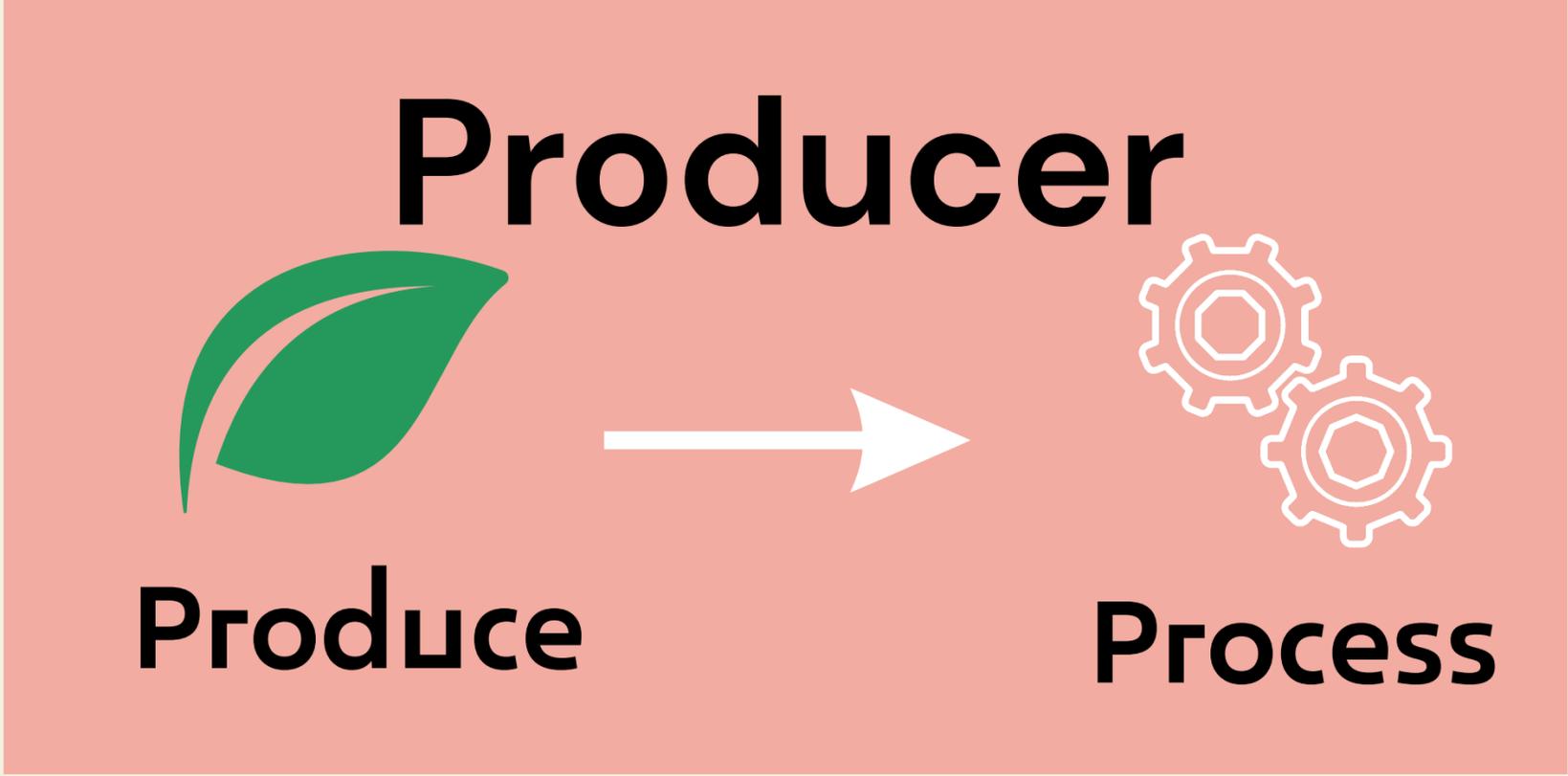
# Households

# Food

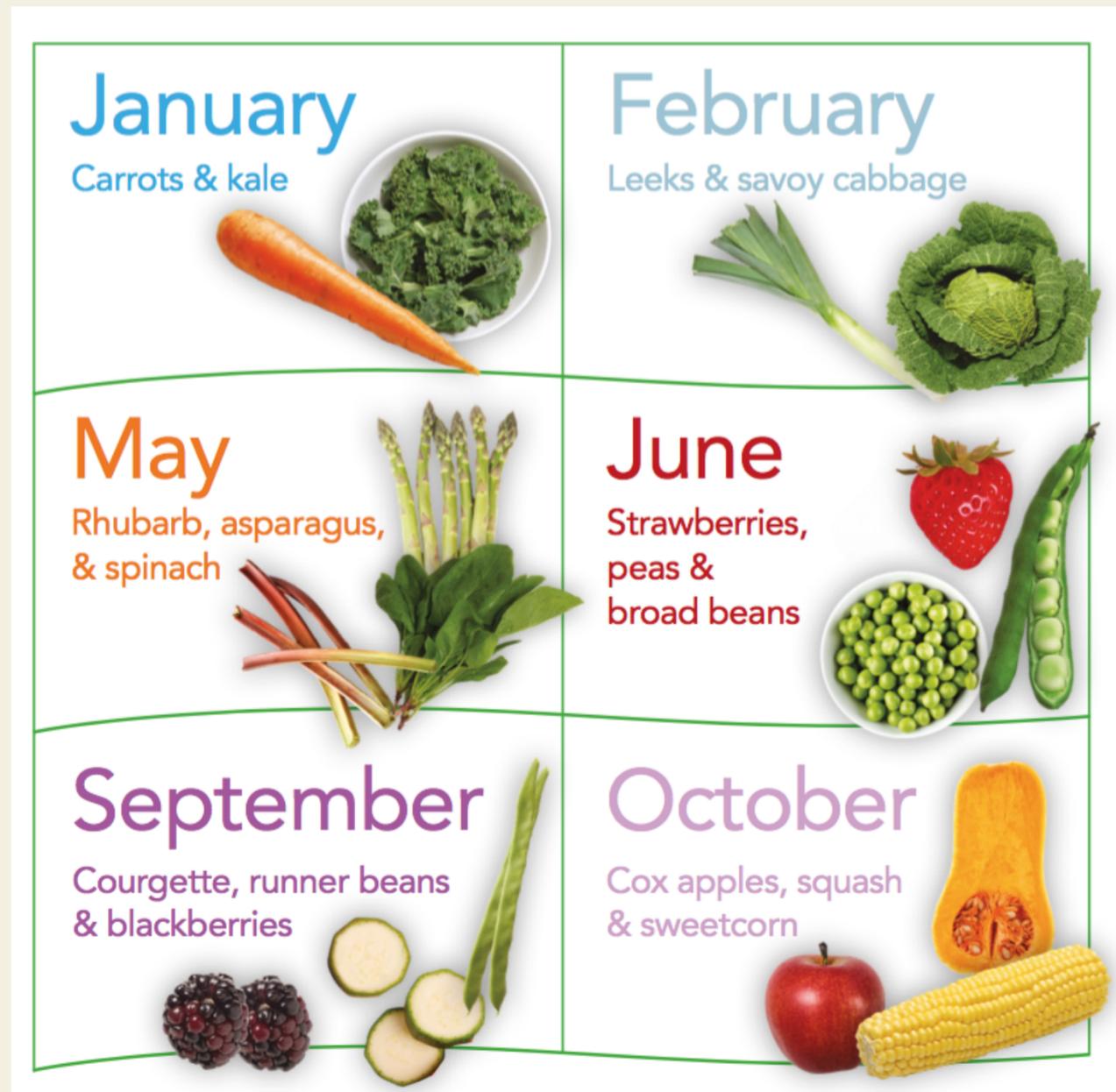


20%





# Principle-1: Choose seasonal foods



# Principle-2:Support Local Products

**RIPENESS**  
Picked ripe when nutrient content is highest



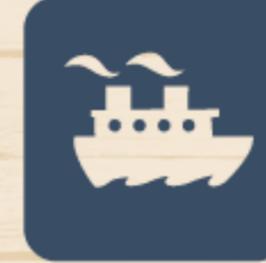
LOCAL       NON-LOCAL

**STORAGE & TRANSPORTATION**  
Refrigeration slows decay, but food loses nutrients over time. The closer the source is, the less time it takes to ship



LOCAL       NON-LOCAL

**SHIPPING CARBON: CO2 EMISSIONS FROM THE TOP 4 TRANSPORT METHODS**

	<b>AIR</b> 0.8036 kg of CO2 per ton-mile		<b>TRUCK</b> 0.1693 kg of CO2 per ton-mile
	<b>TRAIN</b> 0.1048 kg of CO2 per ton-mile		<b>SEA</b> 0.0403 kg of CO2 per ton-mile

# Principle-3: Choose less artificially processed food



# Principle-4: Eat less meat and reduce the waste





## **2. Transportation**

- **problem**
- **solutions**

# The Problems of Transportation

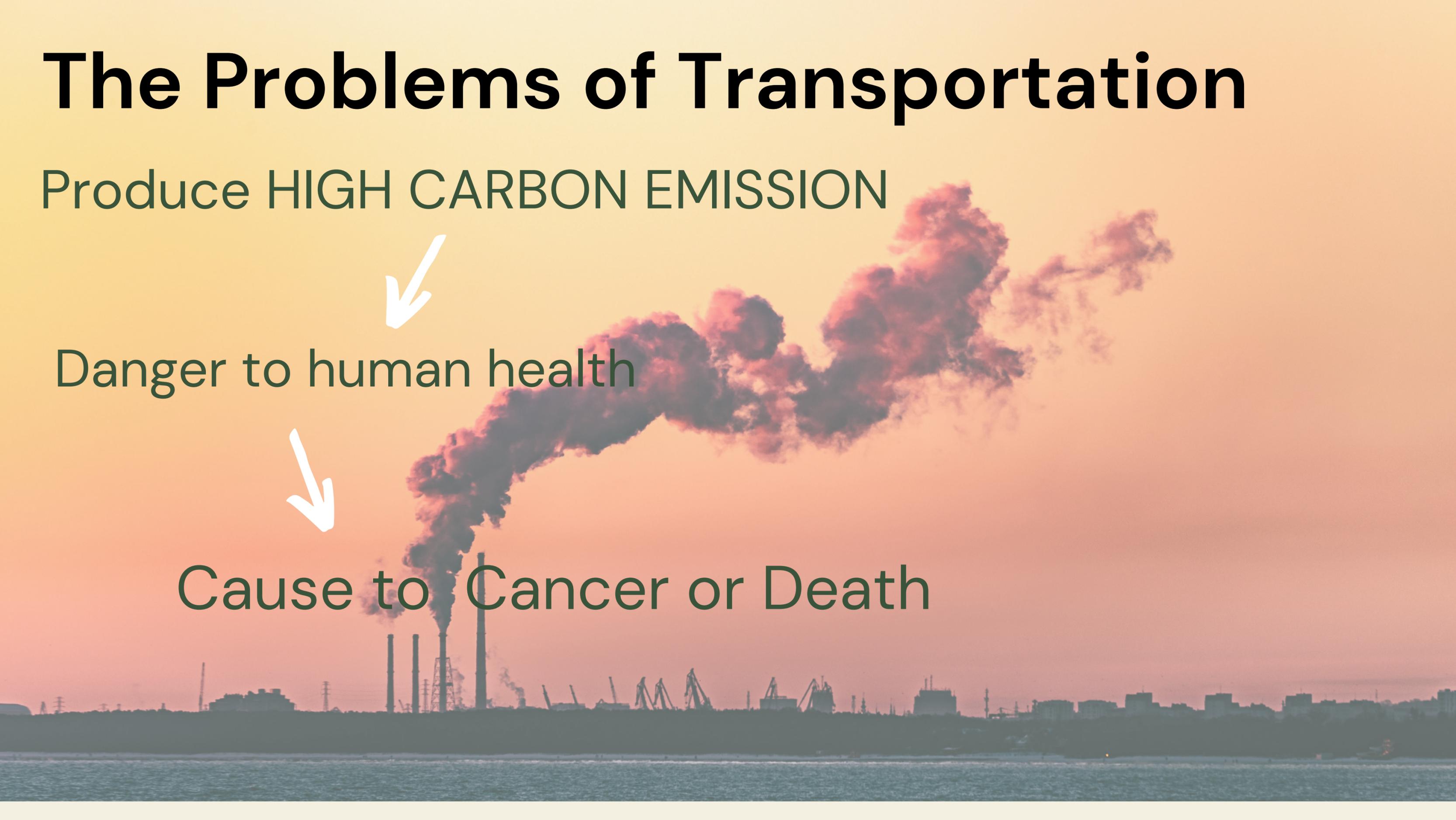
Produce HIGH CARBON EMISSION



Danger to human health



Cause to Cancer or Death





**"YOU'RE ALREADY  
DOING SOME OF  
THEM!"**

2023

# SOLUTIONS

In our Home Life

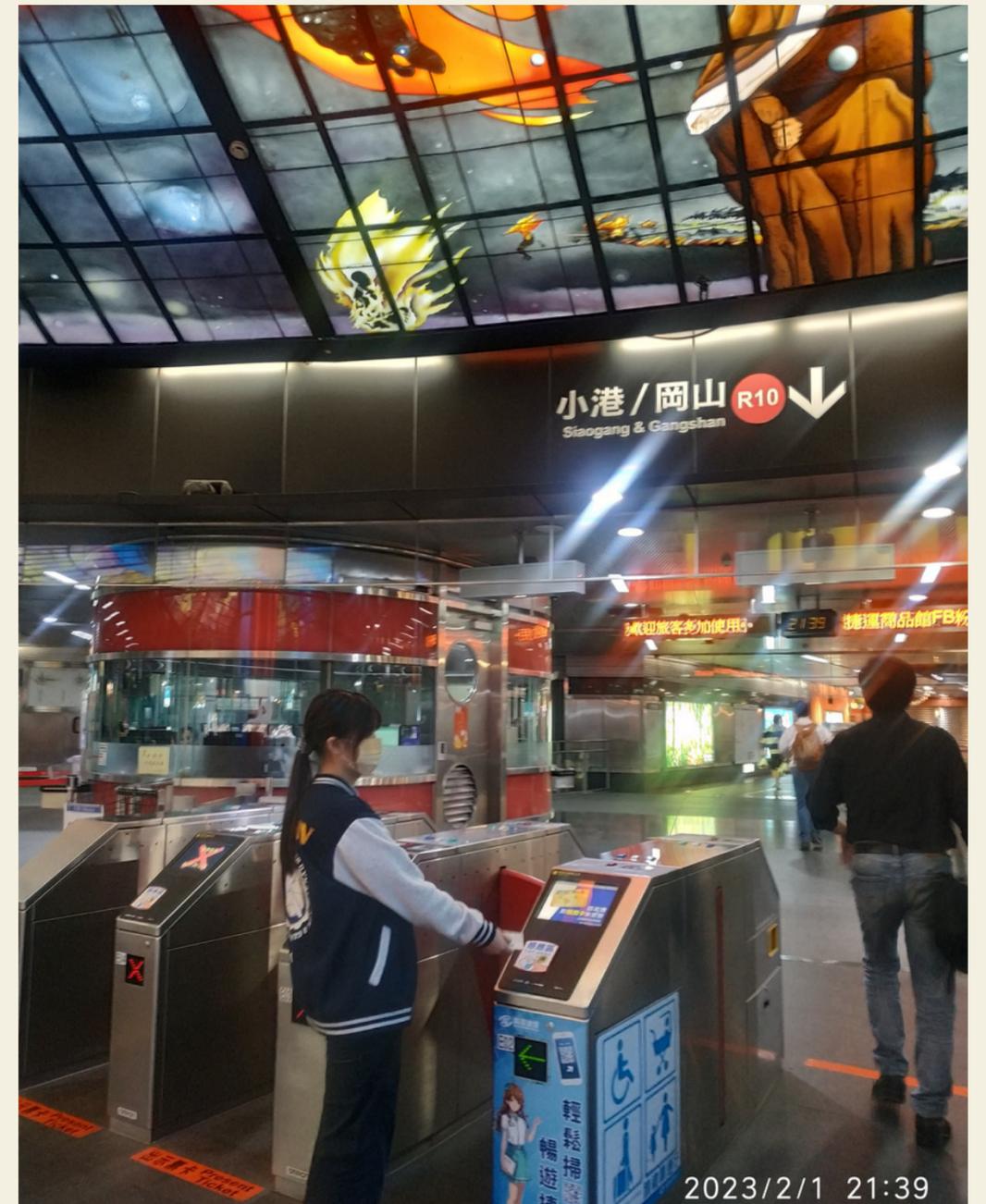
# 1, Take the bus



# KAOHSIUNG AUTONOMOUS BUS



# 2-1, On the Railway -MRT(Mass Rapid Transit)



# 2-2, On the Railway -LRT(Light Railway Transit)



# 3, Ride A GOKU

✦ Reduce the carbon footprint

✦ Travel freely

✦ Save money



# 4, Solar Love River Cruise



# SOLUTIONS

In our Campus

# 1: Take the school bus



## 2: Take the MENGO Taxi (a kind of shared taxi)



# 3: Ride a U-bike





### **3. Buildings**

- **Introduction**
- **Things we do**

# BOSCO VERTICALE

## -ITALY-



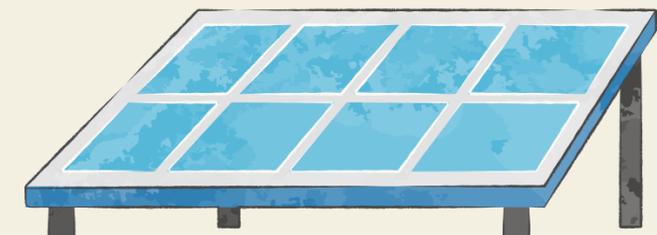
- NEARLY 1,000 TREES AND 4,000 SHRUBS
- WATERED BY THE GREY WATER RECYCLING SYSTEM



# BEITOU LIBRARY

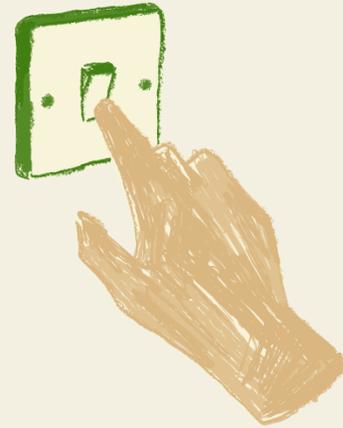
## -TAIWAN-

- SOLAR PANELS TO SUPPLY ELECTRICITY
- ROOF THAT CAN COLLECT RAIN
- EXCELLENT DESIGN TO REDUCE POWER USE

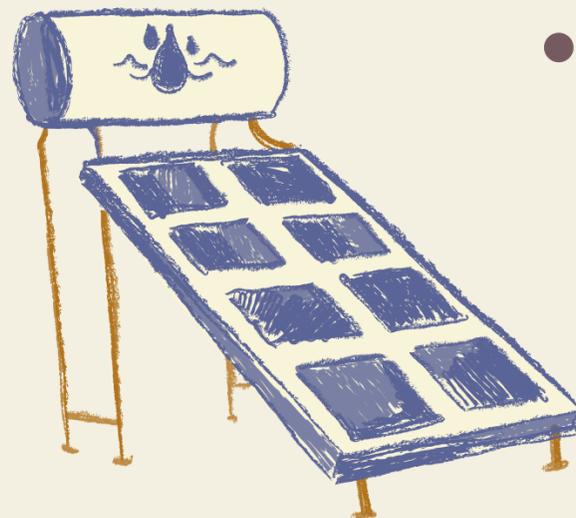


# THINGS WE CAN DO

- TURN OFF THE LIGHT AND AIR CONDITIONER WHEN LEAVING



- USE SOLAR WATER HEATER



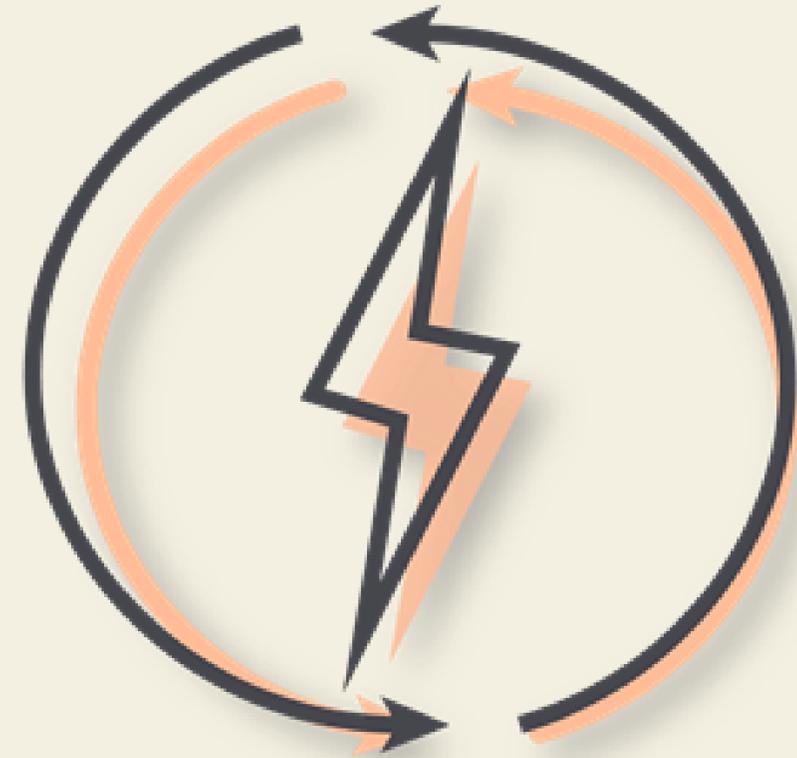


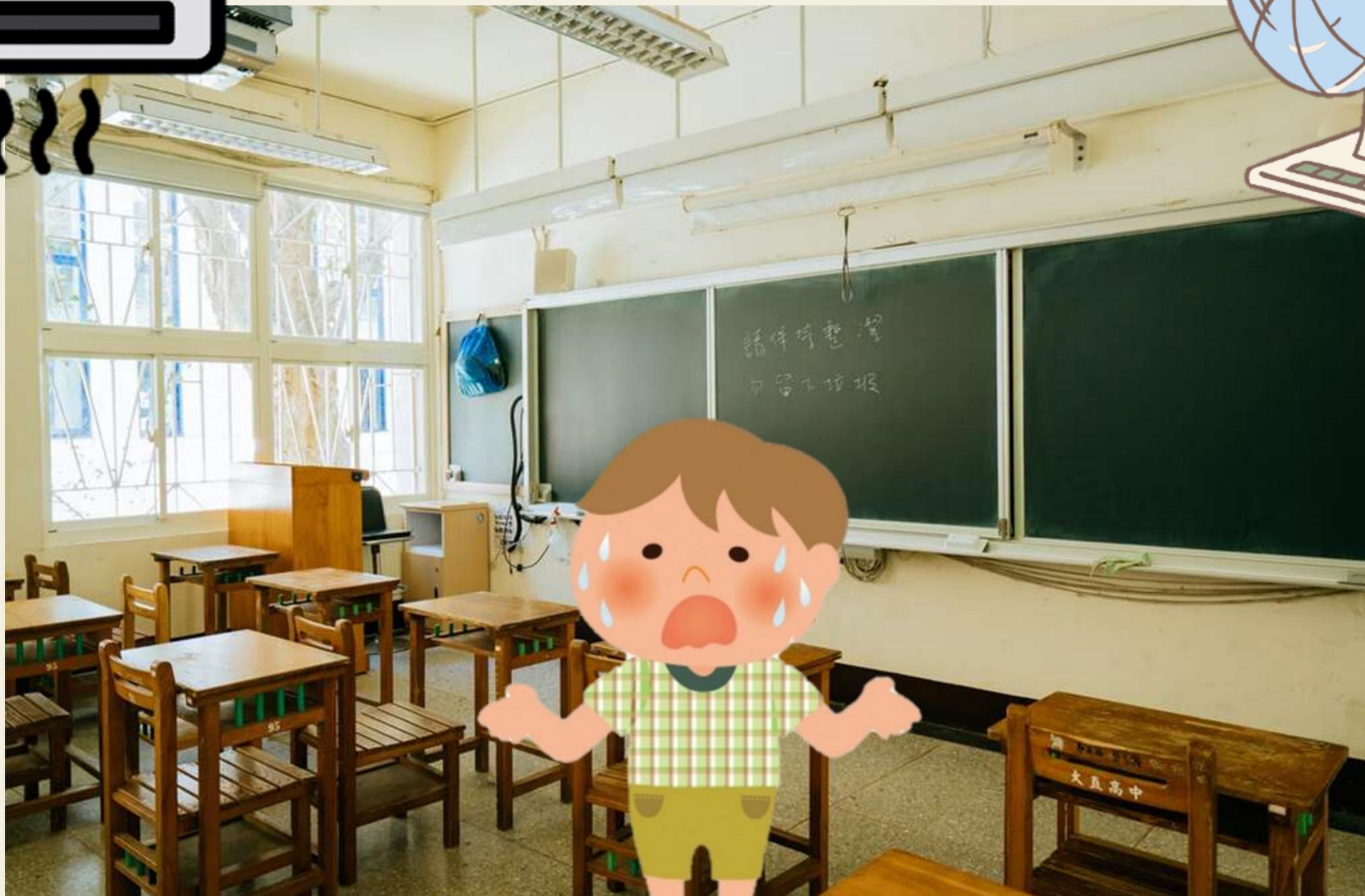
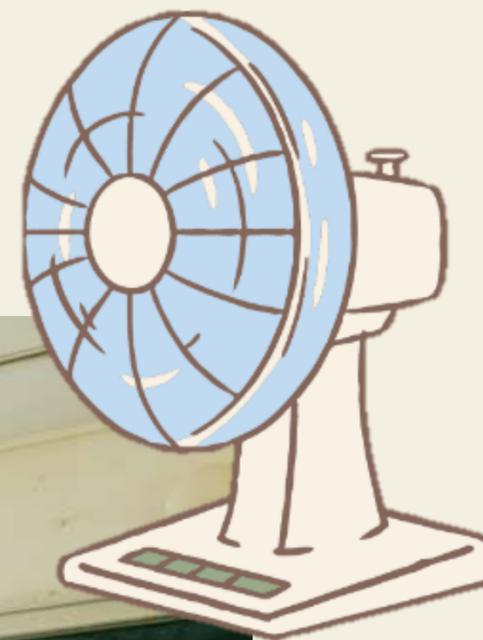
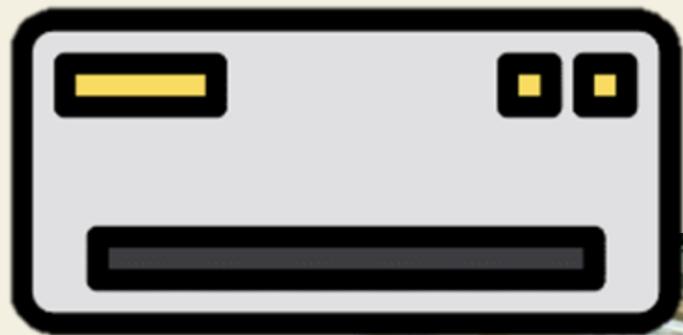
# 4. Low Carbon Campus

- **problem**
- **solutions**

# Carbon Emissions Reduction

**Save power**



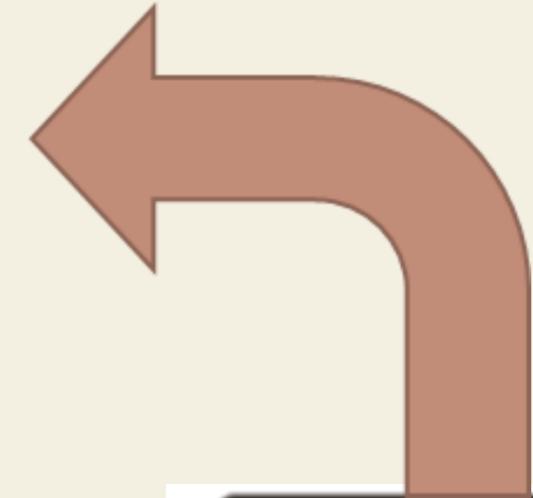
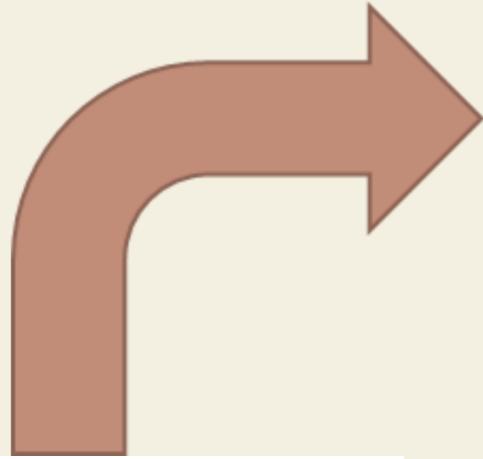
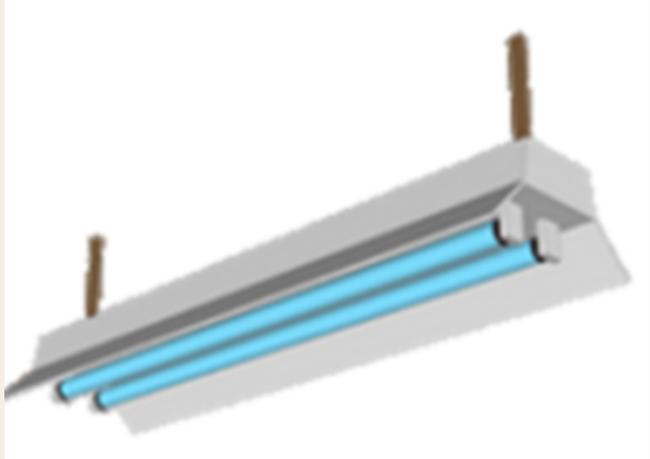






**Greening**

**Stop heat from entering**



**Smart System**

# Renewable Energy





# THANK YOU FOR LISTENING

*We can all play a role in fight  
against climate change.*

