

# Malaysian Youth's Attitudes to Green Ideas and Technologies

## 1 Background

Youth has always been an asset to a country and also its future, which is full of challenges, especially environmental issues. Thus, youth's attitudes towards green and sustainable technologies will affect how the development of green industries significantly. Here, we take Malaysia's youth as a case of study.

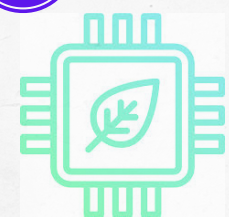
## 2 Objectives

1. To study the youth's attitudes towards green and sustainable technologies
2. To study the most popular green ideas and technologies among Malaysian's youths
3. To contribute in development in green industries in Malaysia.

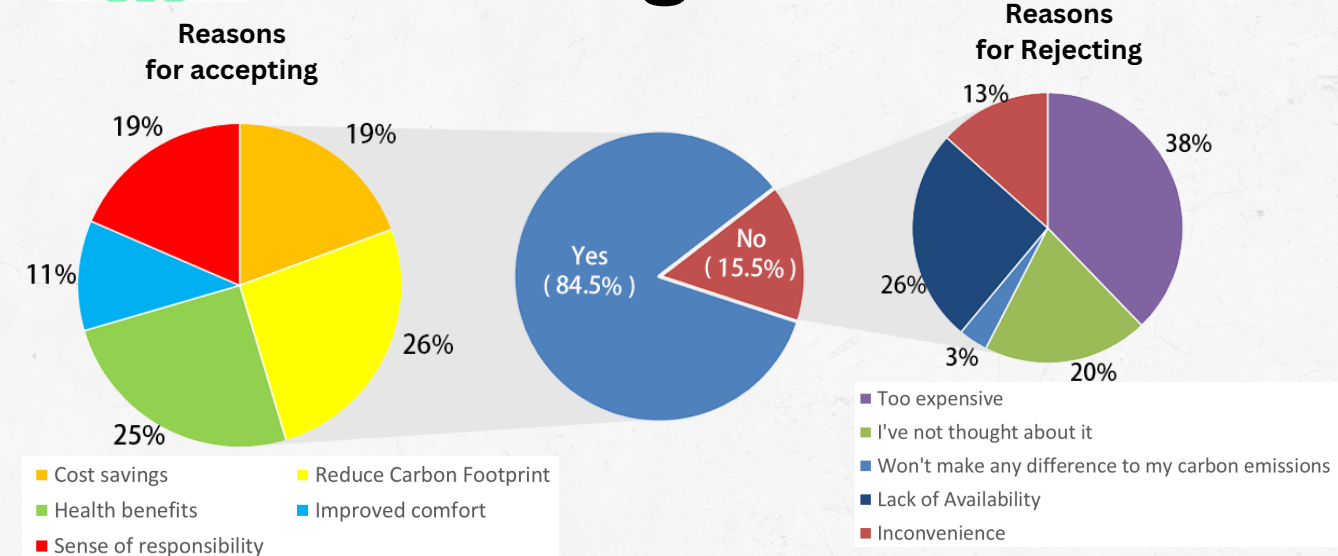
## 3 Methodology

Google form is made and send to students randomly in National University of Malaysia, the sample size is 101 person.

## 4 Result



### Acceptance of green technologies in home



The result shows that most of the respondents consider having green technologies installed in their home is because of **health benefits** and to **reduce carbon footprint**

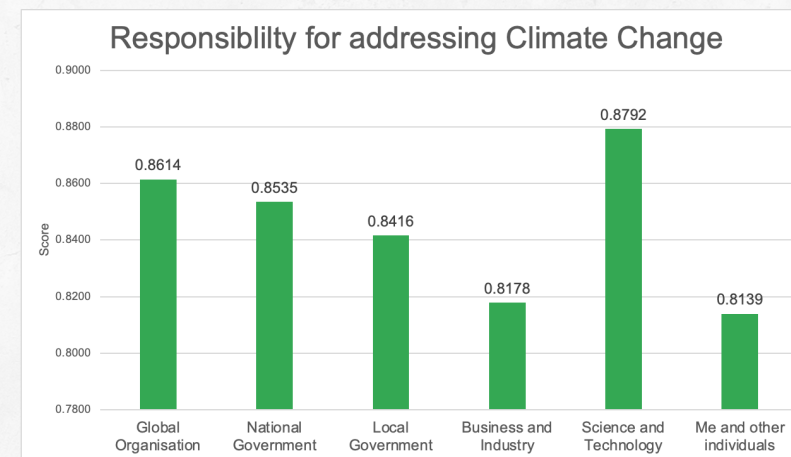
The result shows that most of the respondents rejecting green technologies installed in their home because of a **lack of awareness** and believe it is **too expensive**

## 5 Conclusion

1. According to the survey results, the youth does not put the responsibility of addressing Climate Change onto themselves first. **We suggest for more effort in educating the youth about the climate change to make them realise that a small difference from all of us can be significant in saving our planet.**
2. Most of the youth do not know that Electricity and Heat contributed the most in our world CO2 emission (Our World in Data). **Thus, we shall emphasis in buying and using green appliance compare to the conventionals.**
3. We should also take account that people want everything to be convenient to themselves. **So, we should increase the amount of recycle bin and centre to make everyone start recycling their trash. Especially Food and E-waste.**
4. **Government subsidies more towards the research and development of green technologies in Malaysia and also educate everyone about the technologies.**
5. **Improvement towards public transport especially on their consistency and punctuality is important to urge the public in taking them. We strongly suggest a good KPI system to be implement into our public transport company.**

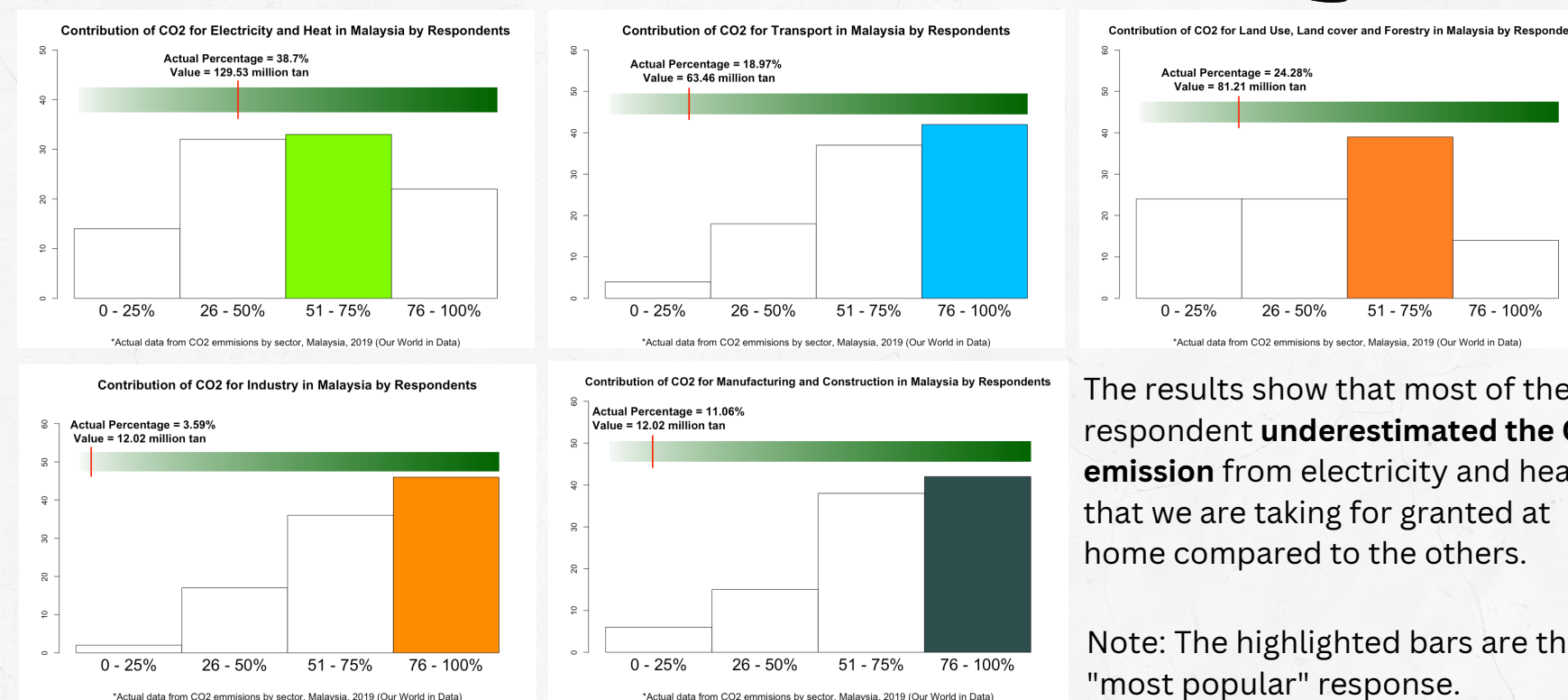


## Who is responsible?



Interesting, according to the survey results most of the participant think that climate change is **not the responsibility of us as an individual**. While, most of them thought that Science and Technologies are responsible in tackling the issues of climate change. (Score is calculated base on the likert scale)

## Where do the CO2 came from?



The results show that most of the respondent **underestimated the CO2 emission** from electricity and heat that we are taking for granted at home compared to the others.

Note: The highlighted bars are the "most popular" response.



## Reuse and Recycle

**64.6%** of the youths report that they **always** of often recycle papers

On average, **61.1%** of the youths report that they **rarely or never recycle e-waste and foods**

**Convenience** as the factor for a person decision to recycle **82.2%** of the youth **cannot find** a recycle bin **nearby**



In short, **convenience** is the main deciding factor for a person to recycle or not. **Most of the youth understand the way to recycle trash.** (only at the average 20% of the respondents are unsure how to separate different recycleable material or not aware of recyclable trash.)



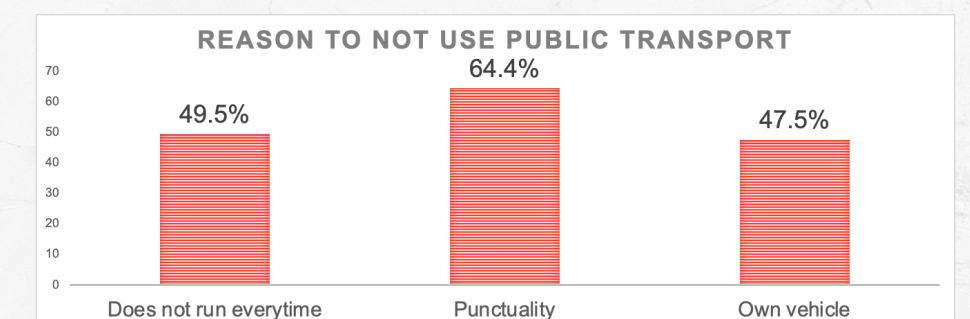
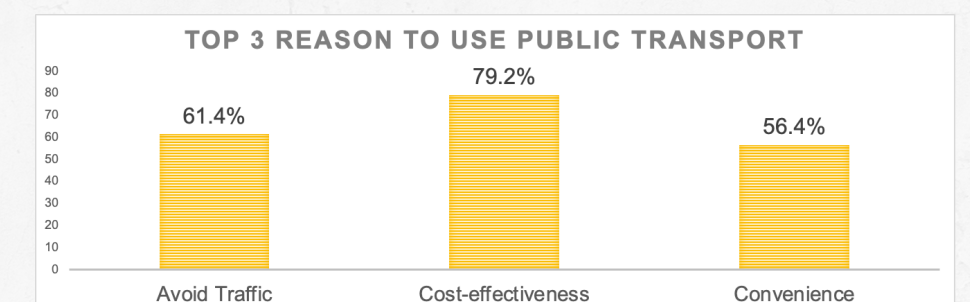
## Public Transport



\*compared to speed and their carbon footprint  
**66.3%** of the youth thought that **cost** is the **most important factor** to considered for a journey



## Public Transport or No?



## 6 Reference

Our World in Data, <http://ourworldindata.org>  
"CO2 emission by sector" data