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# GLOBAL YOUTH PERSPECTIVE IN SUSTAINABLE ENERGY TRANSITION

Social Data, Best Practices for Intergenerational  
Collaboration, and Supporting Youth-led Action

# ABOUT ME

**Regional coordinator of GYEO in China,  
MS student in Sustainable Design & Construction at Stanford**

## Area of study:

- Decarbonization and improving of energy efficiency in the industry of architecture, engineering and construction

## Current & Future Project:

- GYEO Final Report, Student Energy
- Virtual Reality integrated Green Building Designs, Stanford PBL Lab
- Pricing Climate Resilience of Infrastructure Investments, Stanford Precourt Institute for Energy



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# ABOUT STUDENT ENERGY

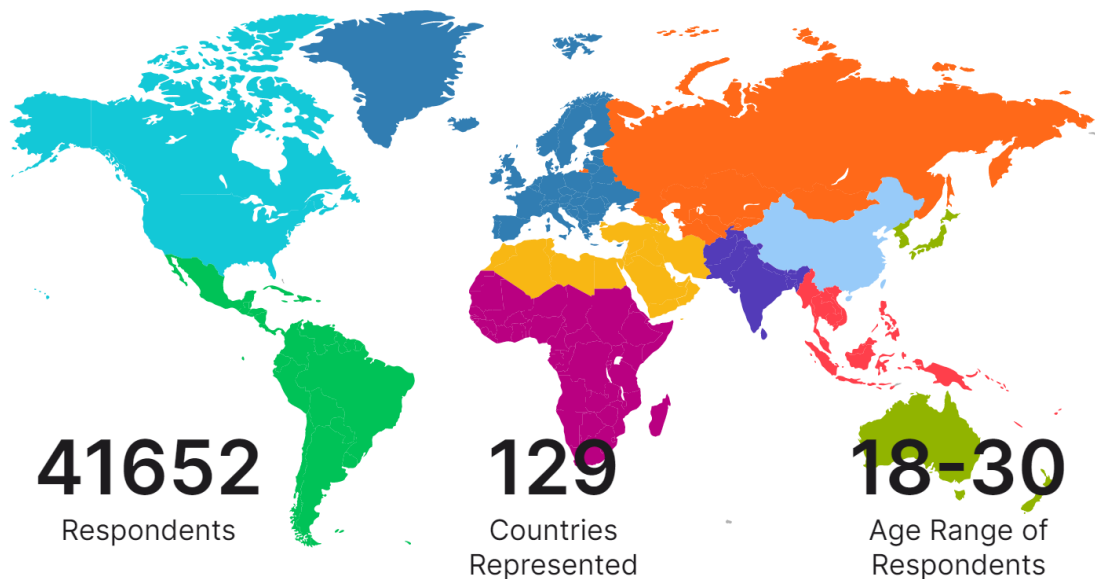
## BUILDING THE NEXT GENERATION OF ENERGY LEADERS

Student Energy is a **global organization** empowering the **next generation of leaders** who are accelerating the transition to a **sustainable, equitable energy future**. We work with a network of over **50,000 youth in 120+ countries**.


We collaborate with governments, companies, and organizations to facilitate meaningful youth engagement and mobilize resources to support youth-led energy solutions.

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# GLOBAL YOUTH ENERGY OUTLOOK



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 Natural Resources Canada / Ressources naturelles Canada

  
Canada



Government Offices of Sweden  
Ministry of the Environment and Energy



MINISTRY OF FOREIGN AFFAIRS  
OF DENMARK  
*Danida*

 **Stockholm  
Environment  
Institute**




GLOBAL COVENANT  
of MAYORS for  
CLIMATE & ENERGY

CONNECTED  
CITIES –  
LAB

Melbourne  
School of Design  
The University  
of Melbourne





# GLOBAL YOUTH ENERGY OUTLOOK DATA INSIGHTS IN ASIA & PACIFIC

# OVERVIEW OF GLOBAL PERSPECTIVES



## WHEN

Reached Carbon-Neutrality  
**by 2030**



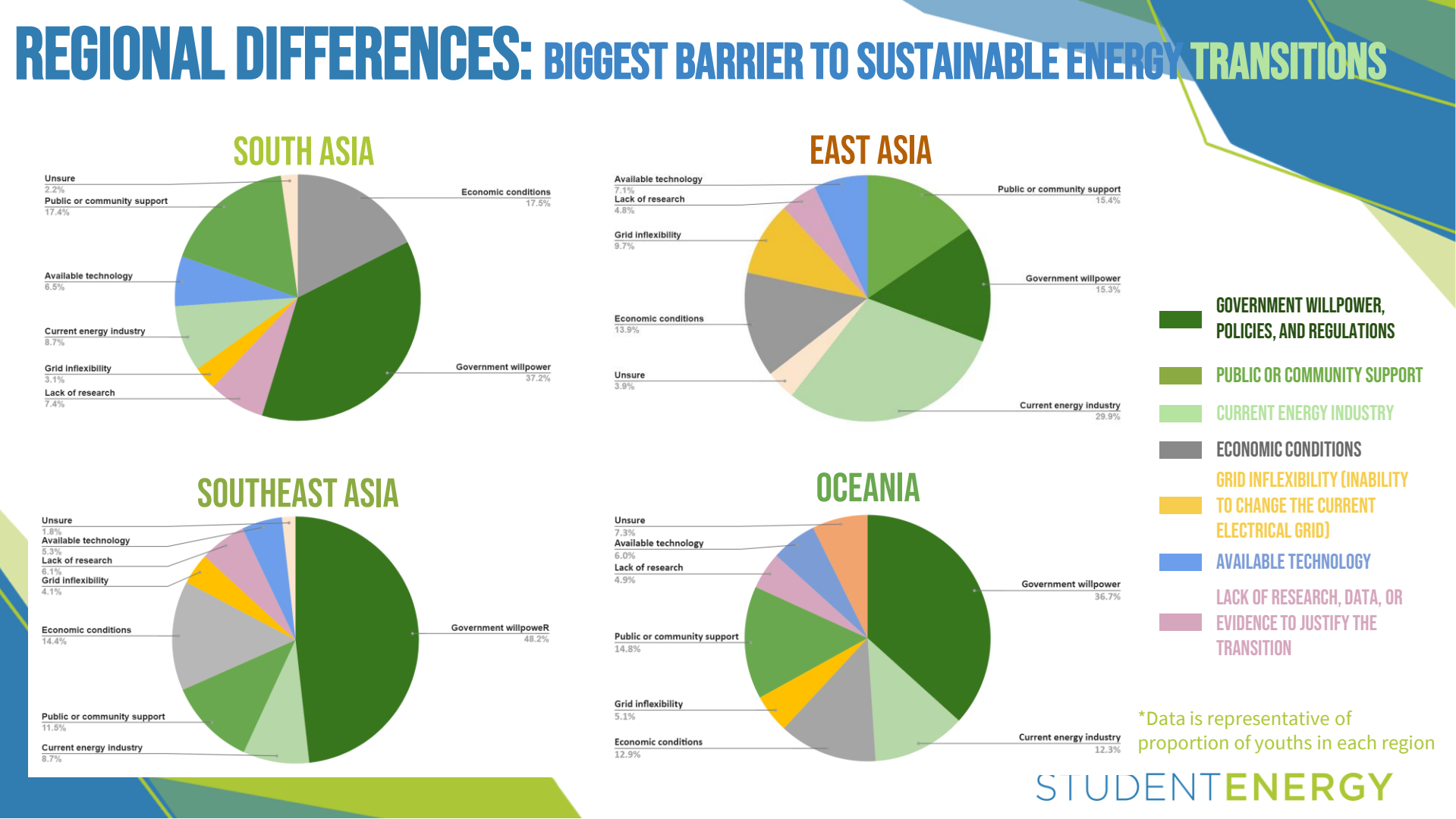
## WHO

**Governments** need to  
take the most climate  
change action

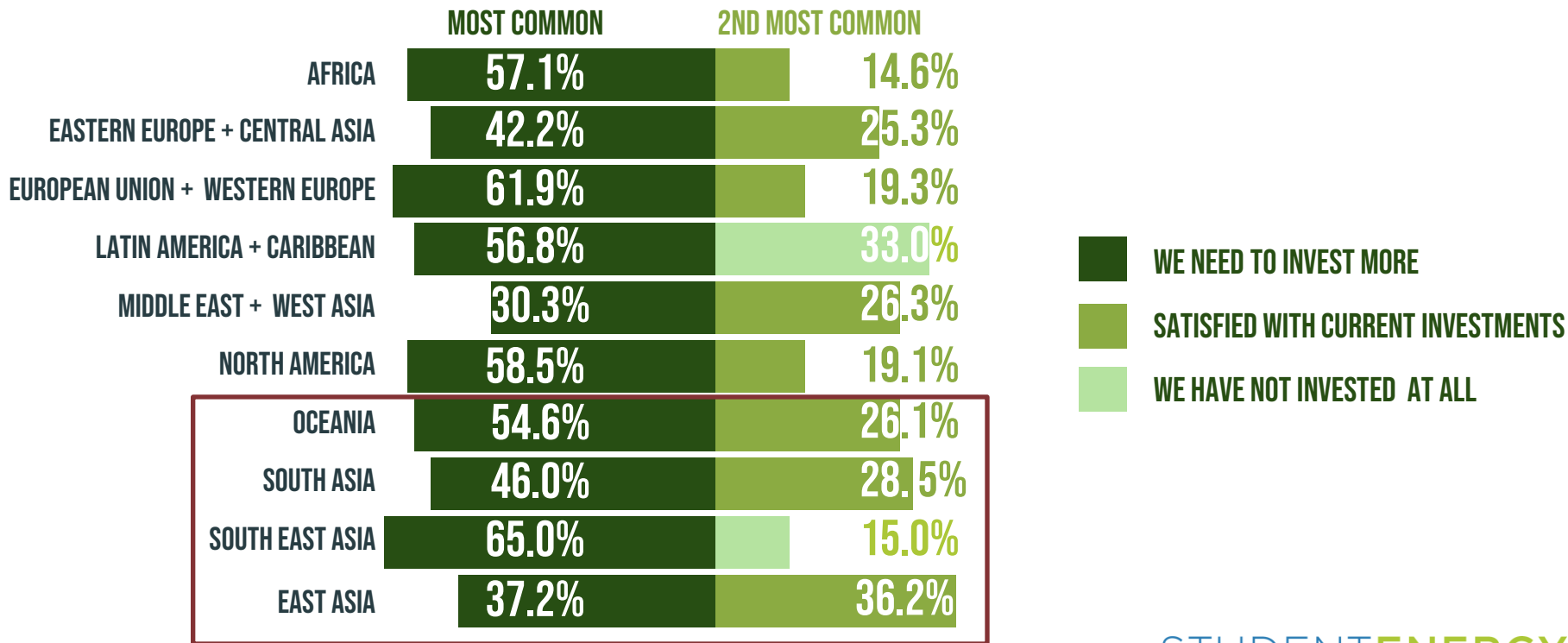


## HOW

**Business and industries**  
need to be more responsible  
for emission reduction



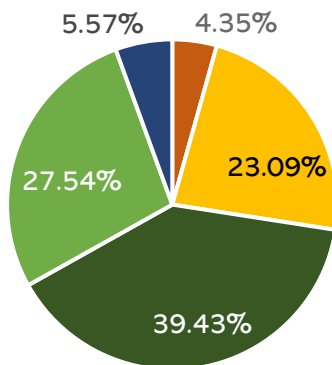
# REGIONAL DIFFERENCES: GOVERNMENT INVESTMENT IN CLIMATE CHANGE ACTION



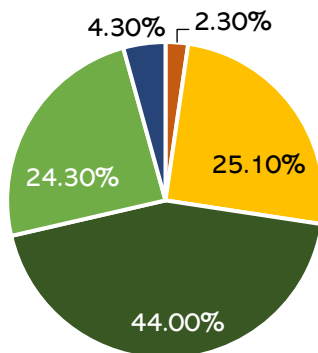


# REGIONAL DIFFERENCES: FUNDING THE TRANSITION TO NET ZERO

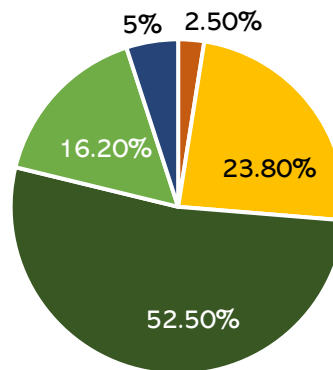
## SOUTH ASIA



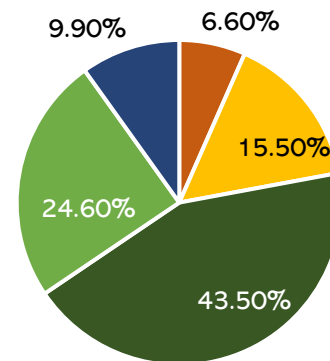
## EAST ASIA



## SOUTHEAST ASIA



## OCEANIA





# YOUTH EMPOWERMENT & YOUTH-LED APPROACH

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# YOUTH CLIMATE POLICY ENGAGEMENT

## Youth Education (case studies)

- Newly established **Carbon Neutrality and Technological Innovation in Institutions** at 20+ Universities in China
- NGOs work with Universities to empower students, e.g., Carbon-neutral campus program by CYCAN
- Fellowship & career training with the Gov'ts, e.g., Shultz Energy Fellowships at Stanford



# YOUTH CLIMATE POLICY ENGAGEMENT

## Public Engagement Platform (insights from youth dialogues)

- Individual carbon trading programs
- Cloud corporate supervision platforms
- Public policy advocacy channels





# THANK YOU!

<https://studentenergy.org/>

<https://www.globalcovenantofmayors.org/>

<https://sites.research.unimelb.edu.au/cities>

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