

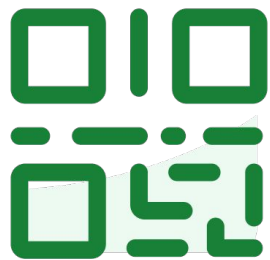
THE GREEN REVOLUTION: PRIORITIZING CLIMATE ACTION IN INTERNATIONAL EDUCATION

Sebastian Fernandes
Founder & CEO



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#2592160



SGD Triage



Oxford English Dictionary

important, adj. & n.

That is of great consequence or significance

urgent, adj.

Pressing, impelling; demanding or calling for **prompt** action

emergency, n.

A state of things unexpectedly arising, and urgently demanding **immediate** action



SDG Triage





CLIMATE ACTION

Extreme weather is driving food prices higher. These 5 crops are facing the biggest impacts



Climate change Opinion / World Opinion



David Dodwell

Inside Out | Oranges just the latest food hit by climate change. They won't be the last

After bananas and coffee, citrus fruits are now succumbing to disease and weather as Brazil's crop collapses

Reading Time: 4 minutes



Listen



Inuit scientists are adapting to a new marine reality as climate change threatens sea life and food security

For Inuit, home is where the harvest is. But rapidly



The World's Food Supply is Made Insecure by Climate Change

This is the first in climate change and work on sustainable agriculture security. Please

In the next 30 years, climate change will threaten societal and economic security of



ENVIRONMENT / CLIMATE CHANGE / OUR PLANET

Climate change, chalky grains and the risks for Japan's rice farmers



The Central Role of Climate Action



Source: Filho, W.L., Wall, T., Salvia, A.L. et al. The central role of climate action in achieving the United Nations' Sustainable Development Goals. *Sci Rep* 13, 20582 (2023).

Climate Change is not this:



Climate Change

- More frequent weather events
- More extreme weather events



Devastating flash floods 'threw cars like toys'

18 November 2024

Bea Swallow
BBC News, Somerset



[News](#)

Climate-related school closures have affected more than 400 million students since 2022

The World Bank is calling for investment to protect learning from the impacts of climate change.

Susannah Rodgers | September 9, 2024

Share



WMO confirms 2024 as warmest year on record at about 1.55°C above pre-industrial level

● PRESS RELEASE

10 January 2025

The World Meteorological Organization (WMO) has confirmed that 2024 is the warmest year on record, based on six international datasets. The past ten years have all been in the Top Ten, in an extraordinary streak of record-breaking temperatures.

Key messages

- The past ten years 2015-2024 are the ten warmest years on record

Frigid weather persists in B.C. as low temperature records broken

Environment Canada says Abbotsford saw temperatures dip to -11 degrees on Friday, three degrees lower than the previous record set in 1989.



The Canadian Press

Published 5:00 PM

CityNews
Everywhere



Weather is expected to be 'well above normal' in Ottawa this week

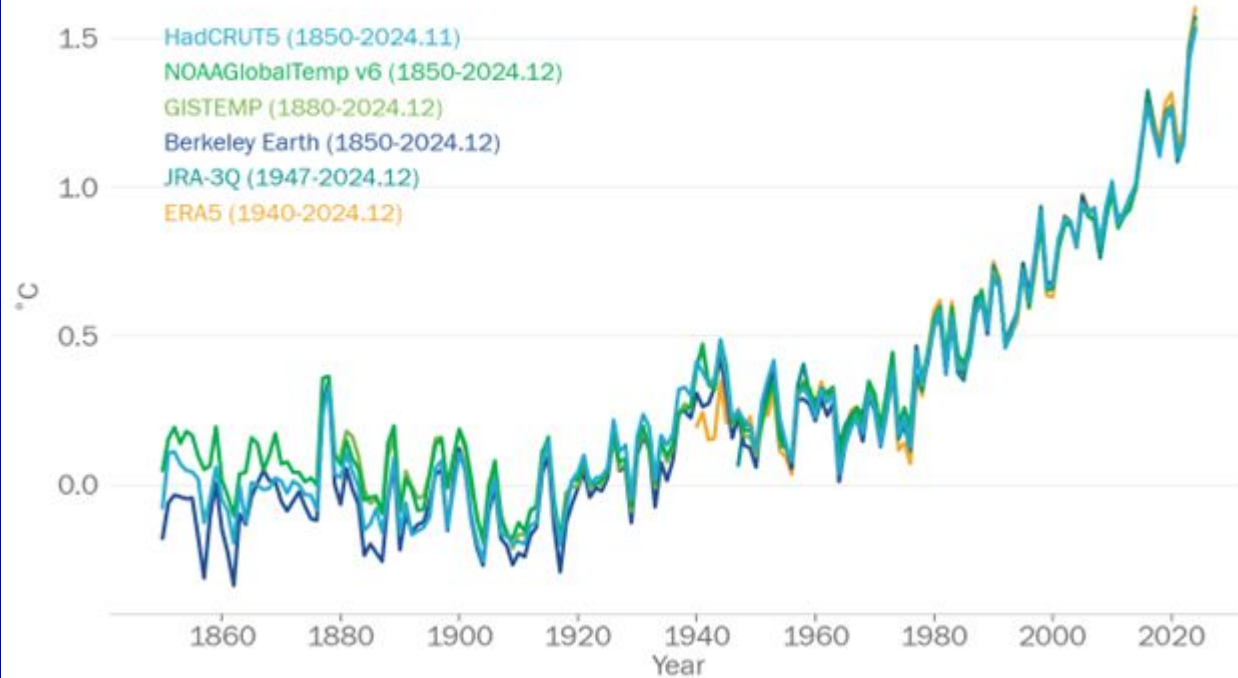


**We are talking
about science**



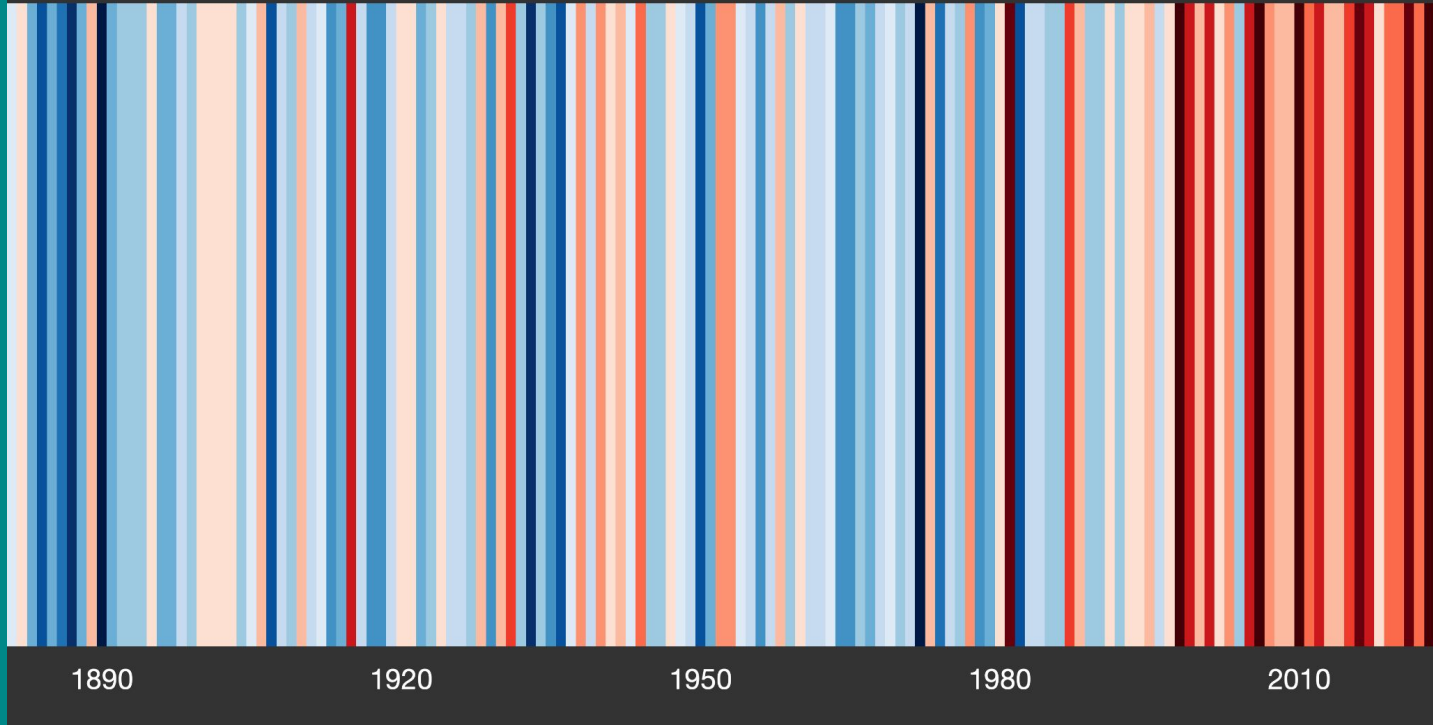
Global mean temperature 1850-2024

Difference from 1850-1900 average

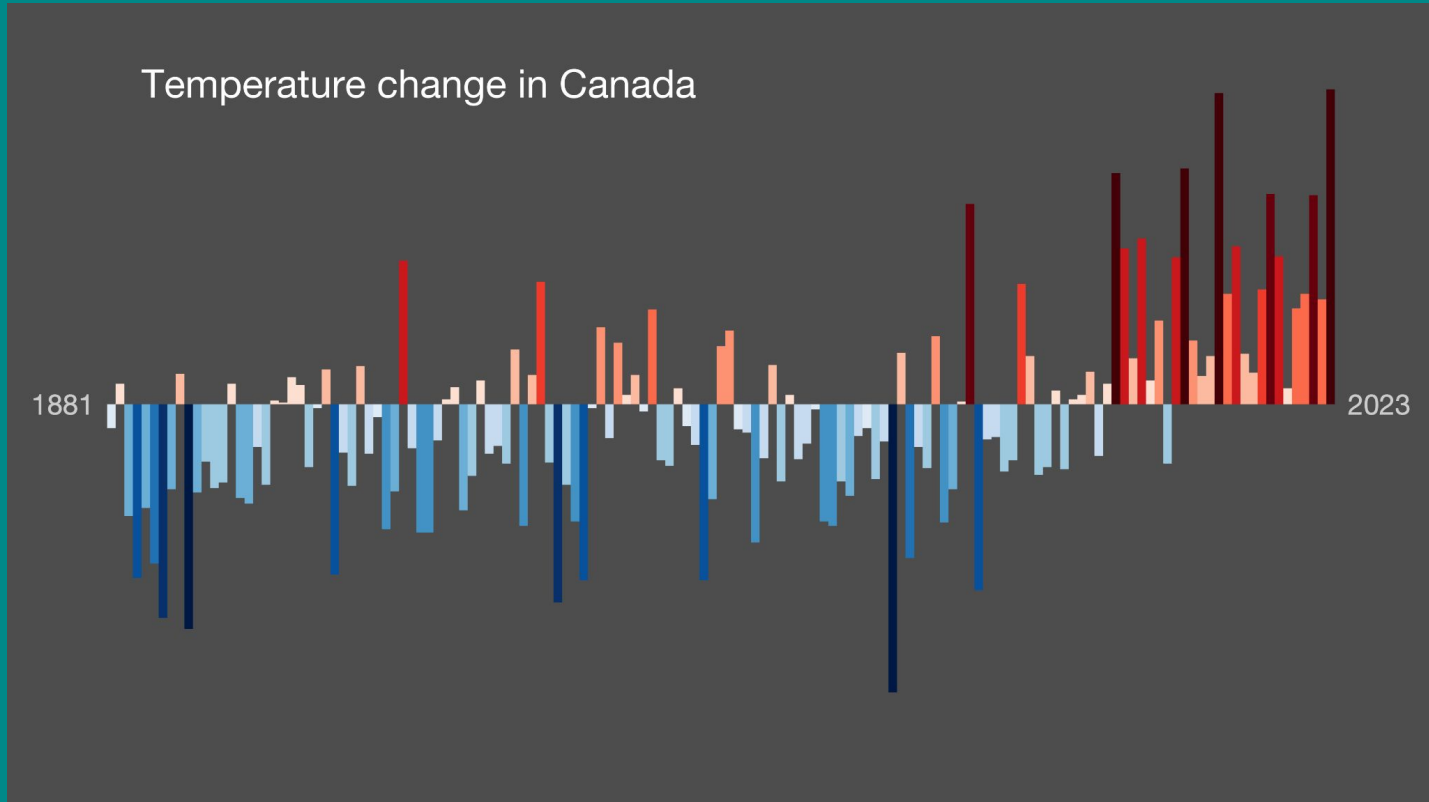


#ShowYourStripes

Temperature change in Canada since 1881

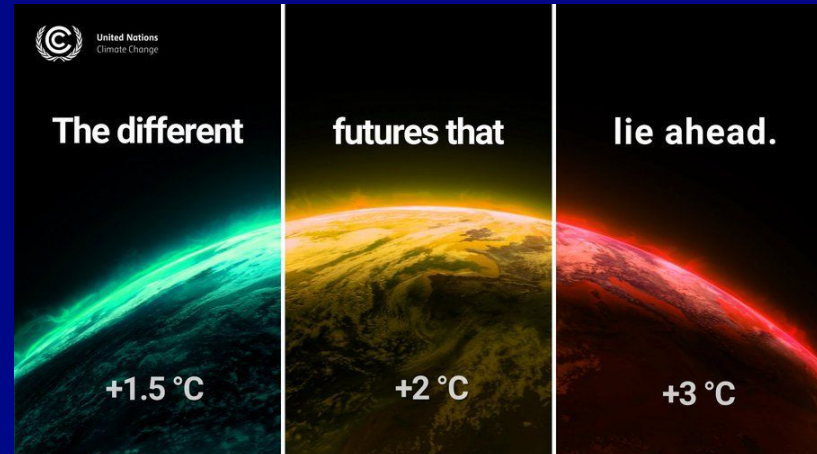


#ShowYourStripes



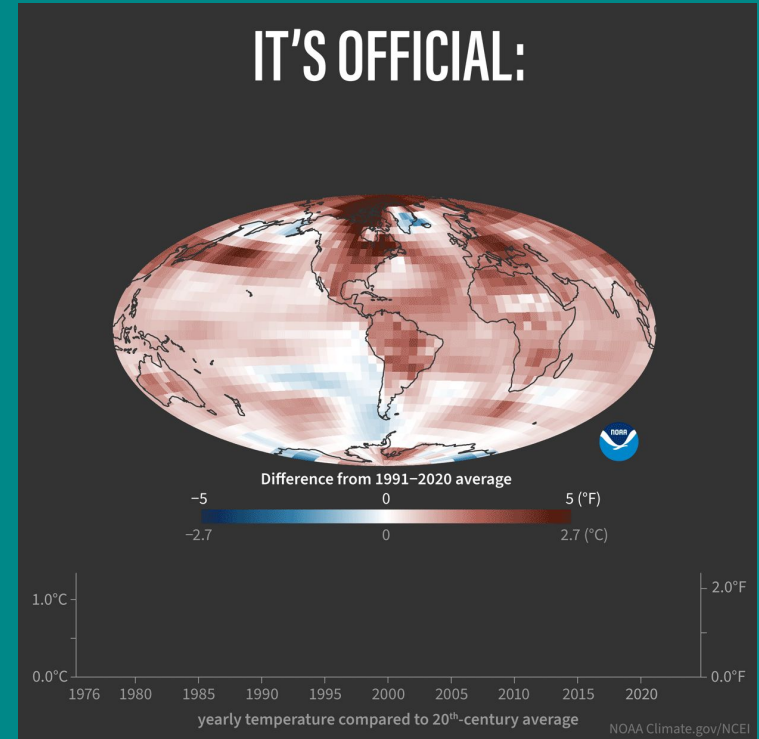
The Number that Matters

- **1.5°C** above pre-industrial temperatures is the threshold of warming from the Paris Agreement.
- Beyond **1.5°C**, the risk of severe impacts to some ecosystems and locations become larger than the world as a whole was willing to accept.




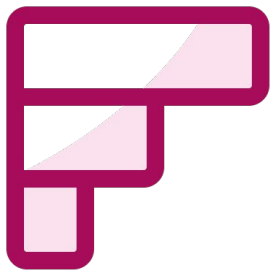
The Climate Emergency

- 2024 was the first calendar year with a global mean temperature of more than 1.5°C above the 1850-1900 average
- 2024 saw exceptional land and sea surface temperatures and ocean heat
- Long-term temperature goal of the Paris Agreement not yet dead but in grave danger



**The past ten years
(2015-2024)
are the ten warmest
years on record**

A decorative graphic in the bottom-left corner consisting of two concentric circles. The outer circle is dark blue, and the inner circle is teal, matching the background color.



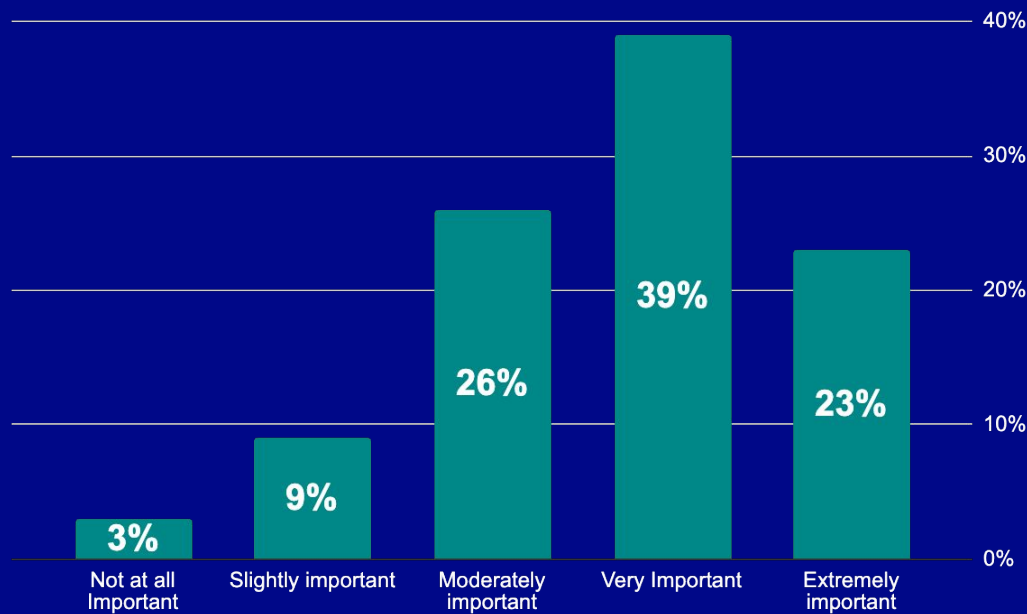
How important is environmental sustainability to your students, in your opinion?



QS International Student Survey 2024

How important is environmental sustainability?

Global
average
results



Students ≠ Activists



QS International Student Survey 2024

66%

**of the 30,746 surveyed students
interested in Studying in Canada stated
that environmental sustainability
is very/extremely important.**

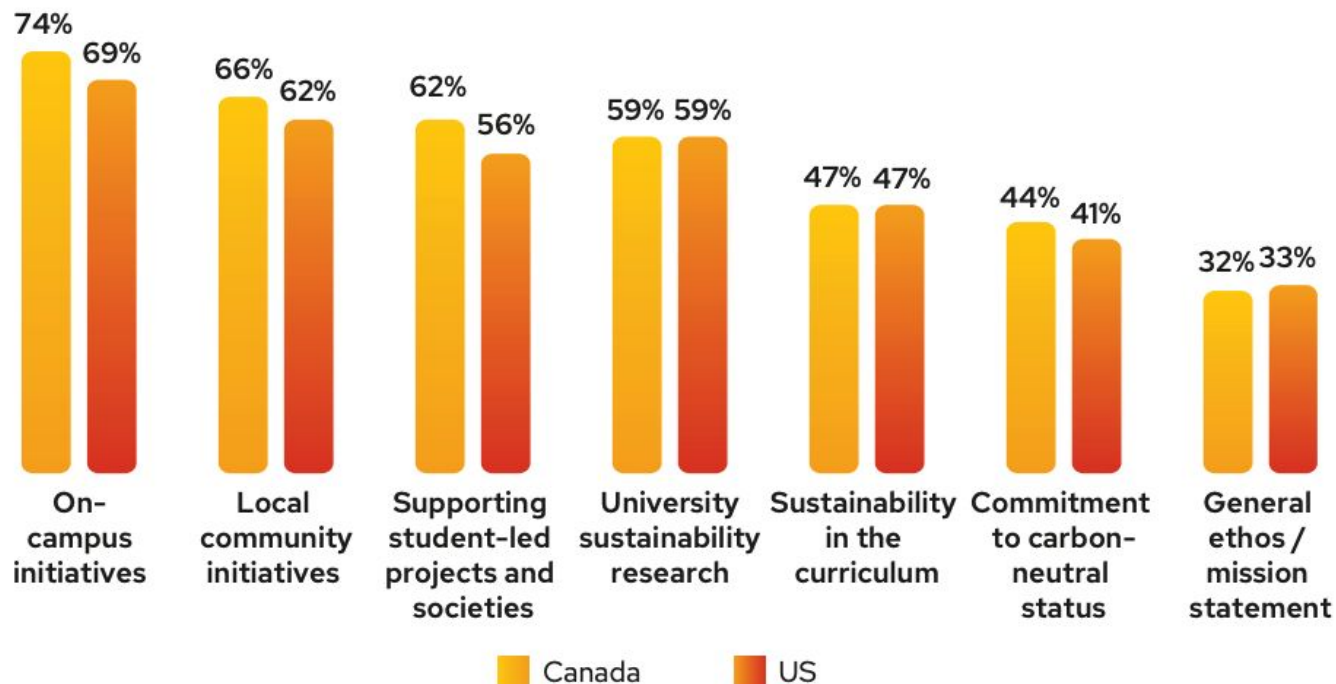


65% for Australia
63% for the UK
63% for New Zealand
58% for the United States

QS International Student Survey 2024



What's most important to you when judging whether a university is environmentally sustainable?



Source: QS International Student Survey 2024

QS Recommendation

“Universities should ensure that sustainability features as a key part of student recruitment marketing activity, detailing the specific strategies, research, on-campus initiatives and support for students who want to work on sustainability projects.”

Which students find it more important?

70%

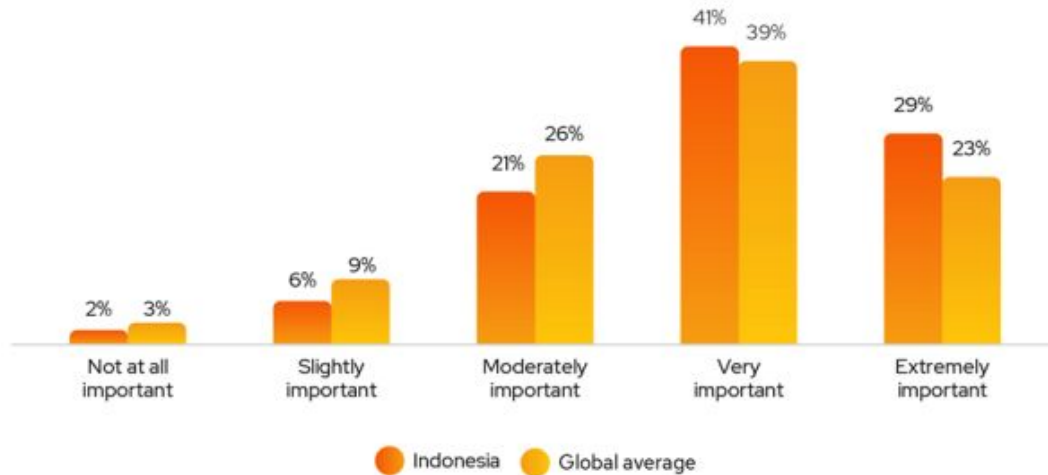
of Indonesian students said environmental sustainability was very or extremely important to them

QS International Student Survey 2024

62%

Is the global Average

Environmental sustainability much more important to Indonesian students than the global average



Source: QS International Student Survey 2024

Which students find it more important?

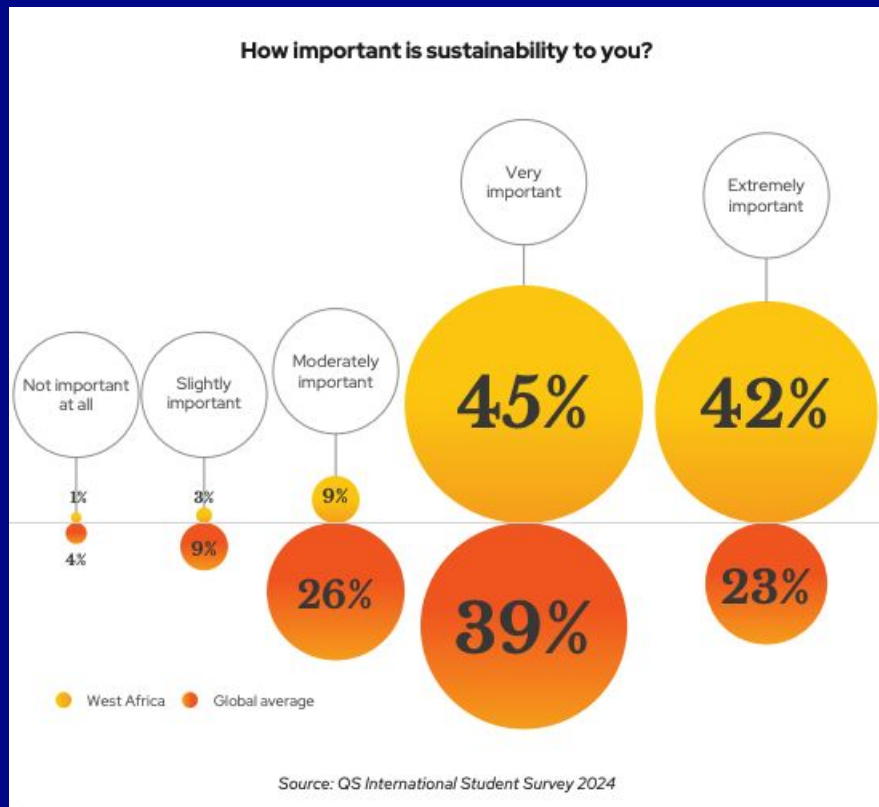
87%

of West African students said
environmental sustainability was
very or extremely important to
them

QS International Student Survey 2024

62%

Is the global Average



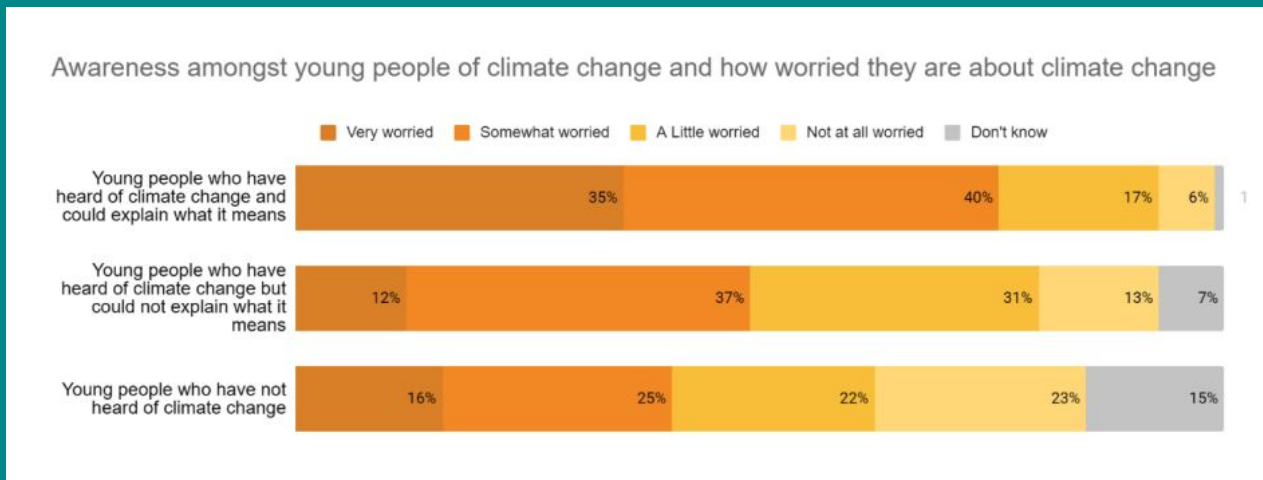
CLIMATE JUSTICE

climate change has disproportionate effects on more vulnerable communities, who contributed much less to generate the problem



International Baccalaureate (IB) 2024 Survey

- **87%** of students are worried about climate change (those who understand and can explain climate change).
- **51%** are pessimistic about the future of the planet.
- **70%** feel their voices aren't sufficiently heard in the climate change debate.



How students feel about Sustainability

86%

of students see universities as
having an important role
to play in achieving the UN SDGs

Times Higher Education 2022

84%

of children and young people
aged 16 to 25, expressed being
worried about climate change

The Lancet Journal

79%

of prospective students view an
institution's sustainability
practices as extremely or very
important

QS Sustainability Survey 2022

70%

of young people are confident
that their voices are not
sufficiently heard in the climate
change debate.

International Baccalaureate (IB)

How it affects students' decisions

48%

**assessed whether the university
is environmentally friendly when
researching which universities to
study**

Times Higher Education 2022

74%

**of students say an institution's
environmental commitment
would affect their decision to
apply**

The Princeton Review Survey

41%

**of prospective students have
actively researched
environmental sustainability
strategies or efforts.**

QS International Survey 2023

45%

**of students considered
environmental sustainability in
their college enrollment decision**

Inside Higher Ed & Student Pulse

Other Sectors

FORBES > LIFESTYLE > SPIRITS

The Rise Of Eco-Conscious And Health-Focused Wine Choices Among Younger Consumers


From winemakers to importers, the wine industry is grappling with a number of new trends among consumers at once, from preferences for sustainable wines to low-alcohol options and mindful drinking.

Rachel King Contributor @
Uncorking wine and spirits adventures around the world.



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Jan 1, 2025, 06:00am EST
Updated Jan 2, 2025, 04:49pm EST

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PRESS RELEASE • September 12, 2023


Apple unveils its first carbon neutral products

The new Apple Watch lineup marks major progress toward ambitious Apple 2030 climate goal



Thursday 13 February 2025


Best Picks

 Published: 07.05.2024 Updated: 07.05.2024 2 min read

Brooks Running releases Ghost 16 shoe: The carbon neutral shoe is designed to be lightweight and comfortable

Whether you're an avid walker or fast-paced runner, this shoe will take you places.

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 By Matilda Rudd

7NEWS



Other Sectors

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INDUSTRIES IN DEPTH

Survey of travellers finds 76% want more sustainable options

Apr 20, 2023

This article is published in collaboration with **EcoWatch**

Featured from the store
Apple

Apple Watch Ultra 2 [GPS + Cellular 49mm] Smartwatch, Sport Watch with Black Titanium Case with Black...
★★★★★ 1,228
500+ bought in past month
\$739⁰⁰ List: \$799.00
1 sustainability feature
More Buying Choices
\$694.92 (5+ used & new offers)

Apple Watch Ultra 2 [GPS + Cellular 49mm] Smartwatch, Sport Watch with Black Titanium Case with Black...
★★★★★ 1,228
100+ bought in past month
\$734⁸⁹ List: \$799.00
1 sustainability feature
More Buying Choices
\$686.47 (5+ used & new offers)

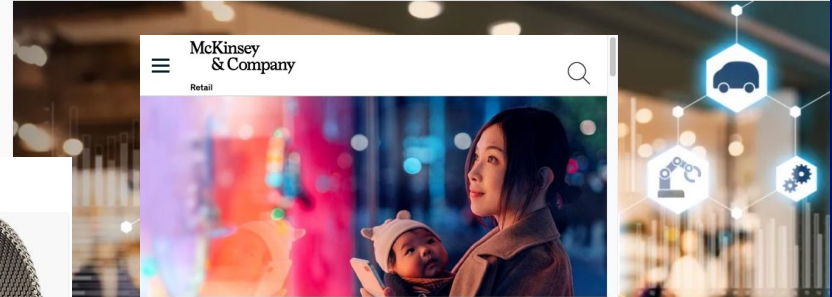
Apple Watch Ultra 2 [GPS + Cellular 49mm] Smartwatch, Sport Watch with Natural Titanium Case with...
★★★★★ 1,228
50+ bought in past month
\$839⁹⁹ List: \$899.00
1 sustainability feature
More Buying Choices
\$829.19 (4+ used & new offers)

COMMENTARY · BRAINSTORM AI

The future of retail is the intersection of digitalization and sustainability

BY **MICHELLE LIANG**

January 16, 2024 at 4:00 PM GMT-3




'Zero consumers': What they want and why it matters

October 18, 2023 | Article

By Resil Das, Surbhi Kalra, and Dymfke Kuijpers

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In light of the modern-day consumer's shopping behaviors and spending habits, retailers and consumer goods manufacturers in Asia would do well to question — or perhaps even abandon



**Why should language
education be any different?**

“Every company and every industry will be transformed by the transition to a net zero world.

The question is, will you lead, or will you be led?”

Larry Fink, CEO, Blackrock
Larry Fink's Annual 2022 Letter to CEOs





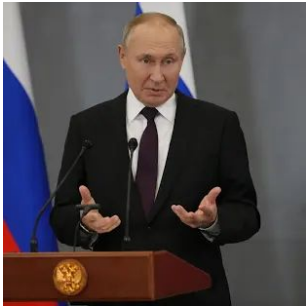
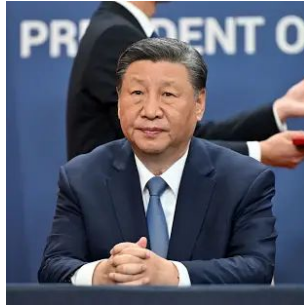
Survey your students

Sustainability: A Competitive Advantage

- Meeting Consumer Demand
- Enhanced Brand Differentiation and Reputation
- First-Mover Advantage
- Long-term Cost Savings & Efficiency
- Media & Public Relations Boost
- Global Rankings & Recognition
- Funding & Investment Opportunities
- Regulatory Compliance
- Risk Management



What do all these have in common?





**99% of all world leaders and
decision-makers have passed
through educational institutions.**

Average years of schooling

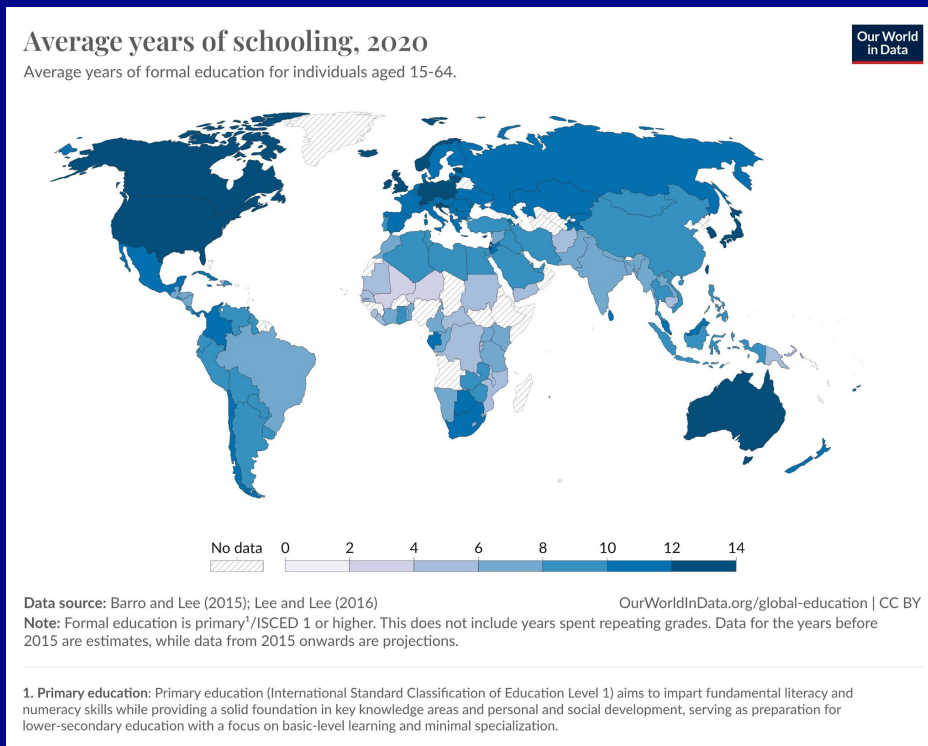
The global average is 8.7 years.

38 weeks per year

1653 days going to school

Add 4 years of higher education

Total of **2413** days



**The next generation of
decision-makers is sitting in your
classrooms right now.**



Unique power of education





The power within the power: International Education

A global problem needs a global solution

You are educating a generation of Global Citizens

The Power Within the Power

- Fostering global collaboration through multilingual education
- Breaking language barriers
- Cultural understanding and shared responsibility
- Facilitating International Forums and agreements
- Policy influence across borders

"In a world that is becoming increasingly interconnected, it is more important than ever that we cultivate a sense of global citizenship."

Kofi Annan



How?

**"Example is not the main thing in
influencing others.
It is the only thing"**

Albert Schweitzer



The challenges for action in the education sector

- Only sector where decision makers are not “customers”
- Generational gap
- History and Tradition
- Inertia: Resistance to change
- Competing Priorities
- Lack of clear Sustainability Policies and Regulation
- Financial

**"The world as we have created it is a process of our thinking.
It cannot be changed without changing our thinking."**

Albert Einstein

Strategies to Integrate Sustainability

- Integrate it into strategic planning
- Measure your carbon emissions & report progress annually
- Develop a climate action plan to reduce your emissions
- Establish a sustainability person or task force
- Green your building, waste and food
- Drive energy efficiency and sustainable procurement
- Reduce institutional travel emissions
- Promote sustainable transportation
- Train staff on sustainability
- Incorporate sustainability themes into lessons
- Develop experiential learning opportunities
- Use eco-friendly teaching materials:
- Collaborate with local & global partners
- Organize more sustainable conferences & events

**"Education is the most powerful
weapon which you can use to
change the world"**

Nelson Mandela





Q & A

Aussi en français

THANKS!

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☎ +1 (212) 287-4068

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