

Forward thinking supply chains continued >>>

SAPICS
THE PROFESSIONAL BODY FOR
SUPPLY CHAIN MANAGEMENT

IN ASSOCIATION WITH
saaff

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SAPICS Spring Conference

Indaba Hotel, Fourways, Johannesburg, South Africa

Sustainability as Seen from a Business Perspective

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ASCM Building Sustainable Supply Chains

We, THE People
of THE Planet.

No one is coming to
rescue us.

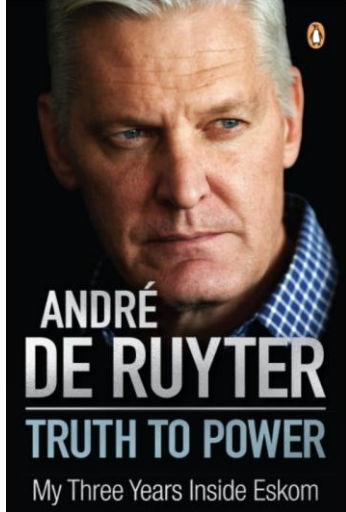
Not a knight on a white
horse,
not a unicorn,
not an alien.

WE
are all we have.





2023



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What do you think of
when you hear
“SUSTAINABILITY”?



Sustainability is not

Green

ESG

CSR

ESD

Reporting



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The Missing R in Sustainability

Responsibility

Relationships

Reliability

Responsiveness

Sustainability is

Deliberate

Action

Consistent

Sustainability is

01

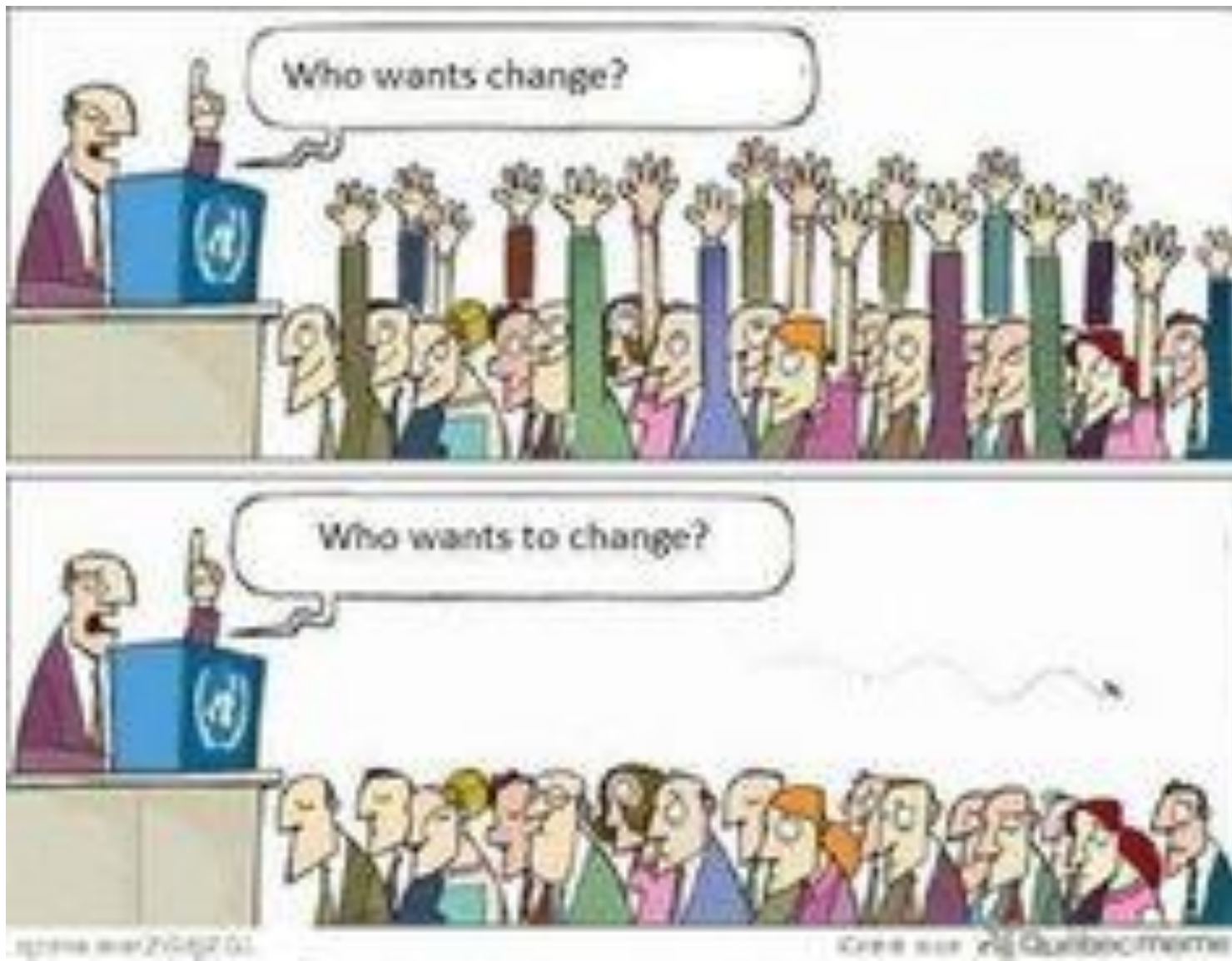
"Sustainable development is development that

- Meets the needs of the present*
- without compromising*
- the ability of future generations*
- to meet their own needs"*

A photograph of a forest path that splits into two directions. The path on the left is a narrow dirt trail, while the path on the right is a wider gravel path. The ground is covered with fallen yellow and brown leaves. The background is a dense forest of green trees.

Sustainability is

Long Term Strategy



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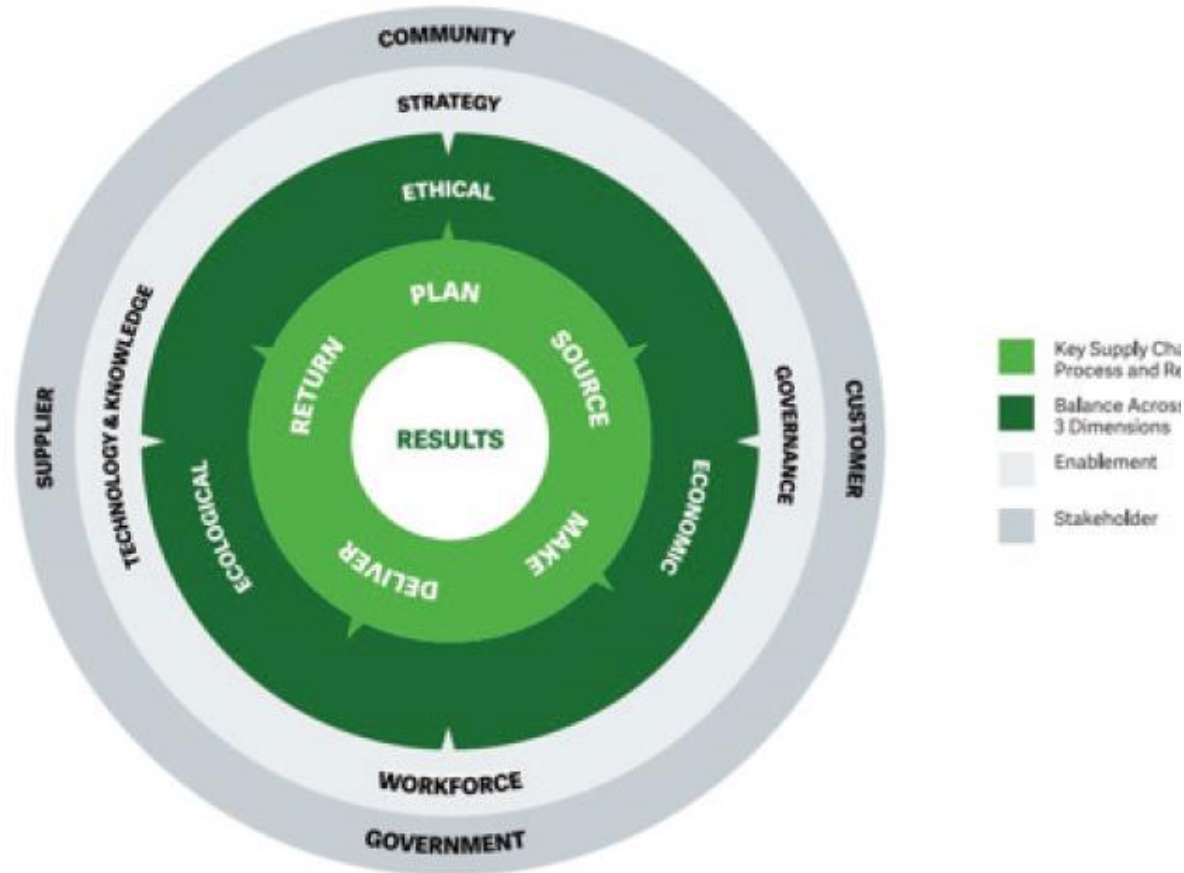
Triple Bottom Line

- PEOPLE, PLANET, PROFIT
- SOCIAL,
ENVIRONMENTAL,
FINANCIAL
- ETHICAL, ECOLOGICAL,
ECONOMICAL

In a town so ethical and kind,
Sustainability was on everyone's mind.
With ecological care,
And economical flair,
A harmonious balance they'd always find.

They recycled, reused, and were wise,
Ethical choices, a daily prize.
Nature they'd preserve,
And green tech they'd observe,
A prosperous town in everyone's eyes.

ASCM Standards



Ethical

- Ethical criteria focus on these areas of an organization's supply chain:
- anti-corruption and anti-trust,
- codes of conduct,
- confidentiality of information,
- human rights and labor practices,
- intellectual property and patents, and
- responsible marketing and sales engagement.

Economic

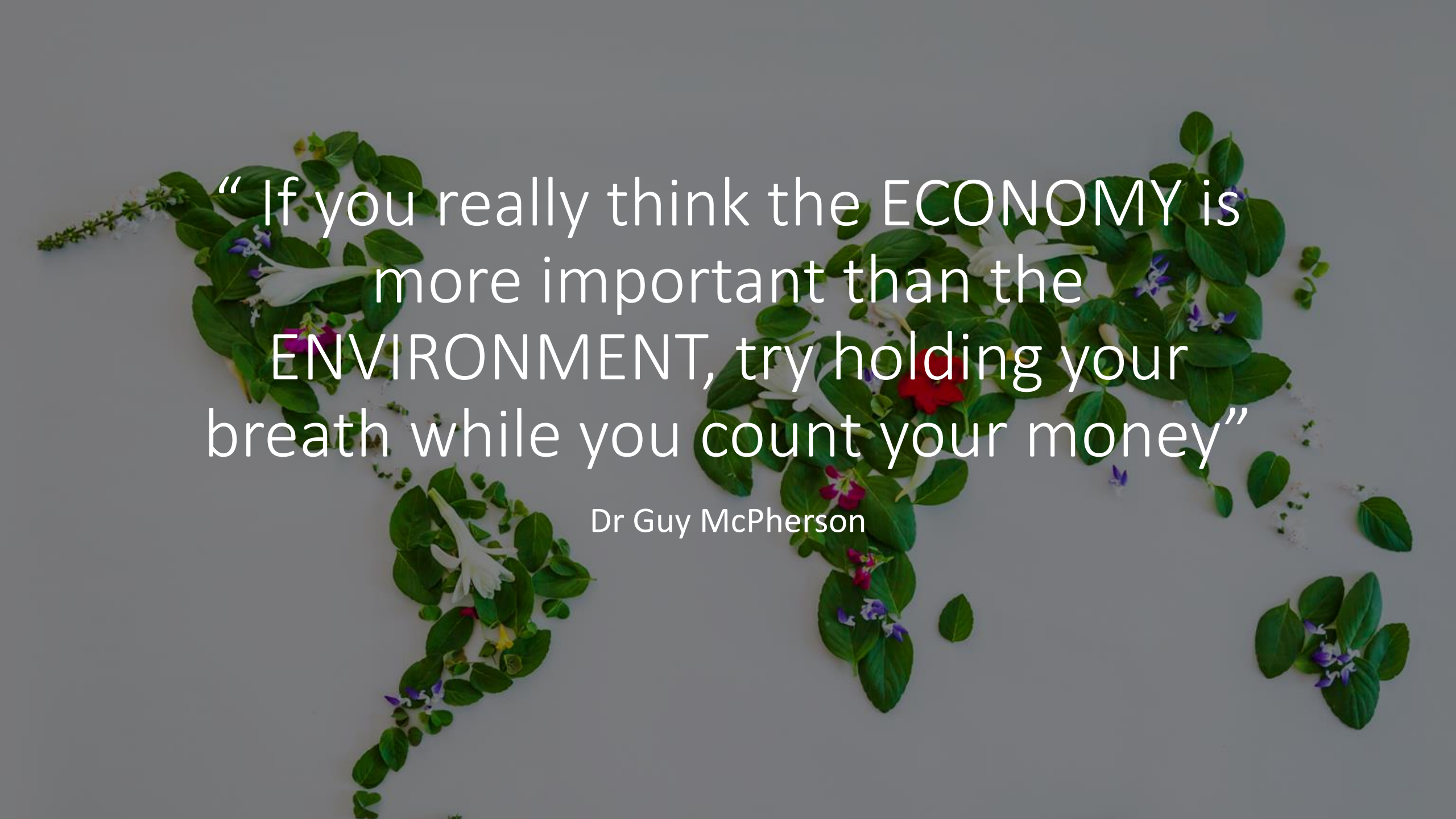
- Economic criteria focus on
- business integrity and company reputation,
- board and corporate leadership,
- enterprise risk and crisis management,
- materiality index, responsible tax,
- supply chain strategy,
- differentiated operating models.

Ecological

- Ecological criteria focus on these areas of an organization's supply chain:
- circular economy,
- climate strategy,
- energy,
- water and waste,
- material usage,
- product lifecycle stewardship.

Consumer spending behaviours have shifted.
70% of consumers prefer to spend dollars where values align.





“ If you really think the ECONOMY is
more important than the
ENVIRONMENT, try holding your
breath while you count your money”

Dr Guy McPherson



SUSTAINABLE DEVELOPMENT GOALS



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The case for minimum wages

My domestic worker cannot afford a domestic worker...





The moon of
course,
it shines at night
when its dark.

Which is more
important?

The Sun or the
Moon?



- Khi Solar One, Upington

KHAN CLASS

Karpowership has started the development of the world's largest floating power plant, launched in 2016. Khan Class Powerships, with a capacity of 470MW, are designed to change the future of the world.

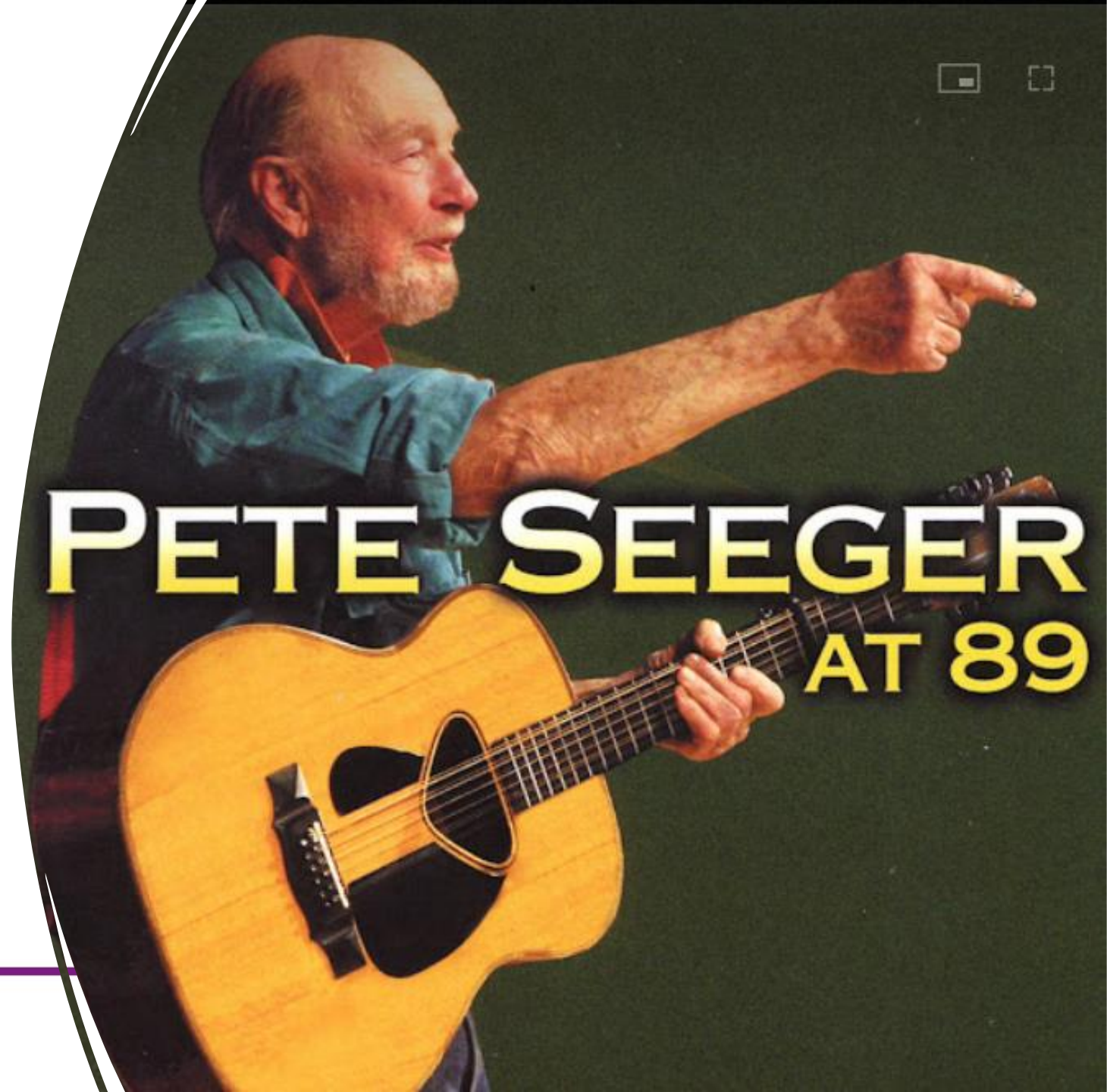


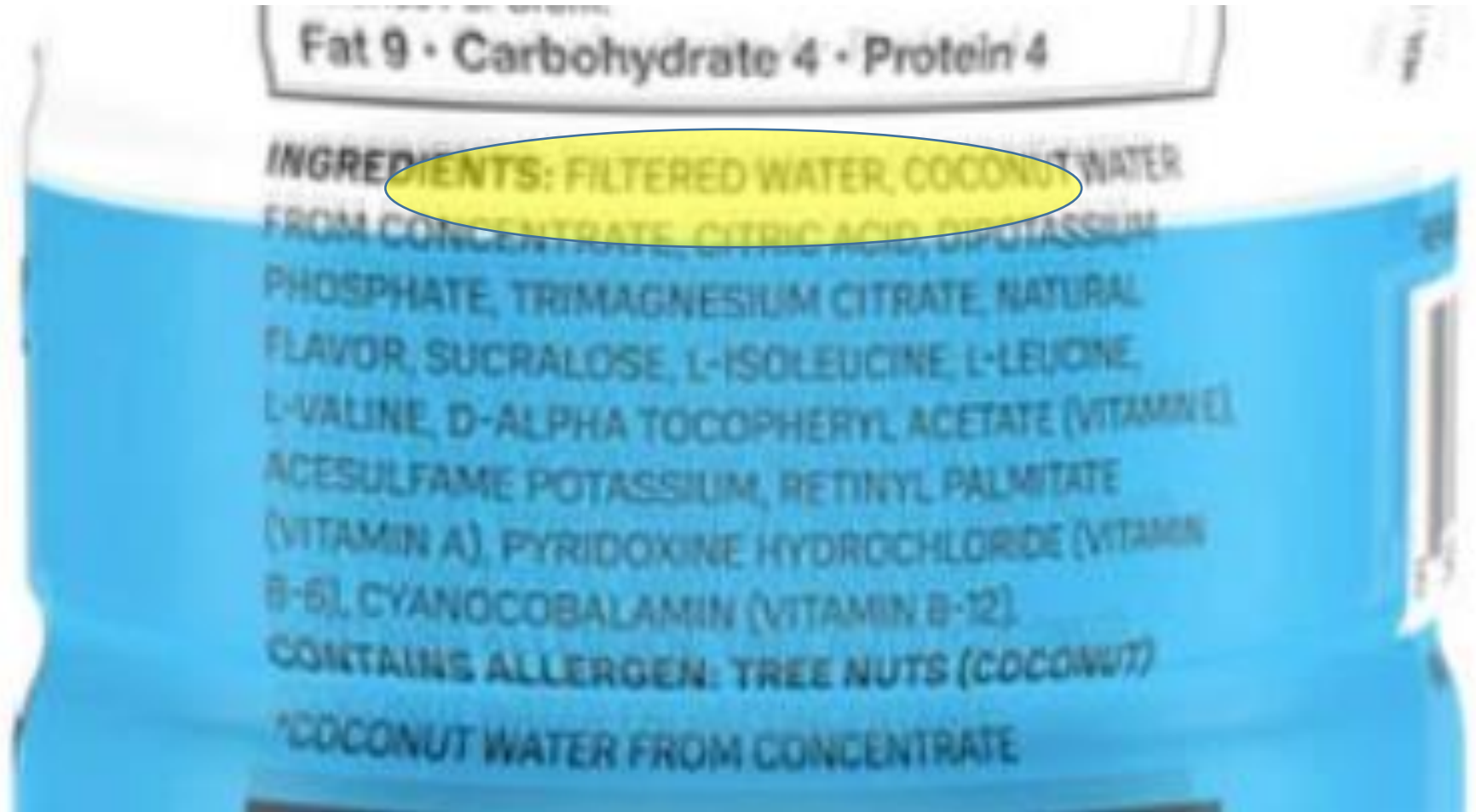
“If it can’t be reduced,
reused, repaired,
rebuilt, **refurbished**,
refinished, **resold**,
recycled or **composted**
then it should be
restricted, redesigned
or removed from
production.”

Pete Seeger, 2008

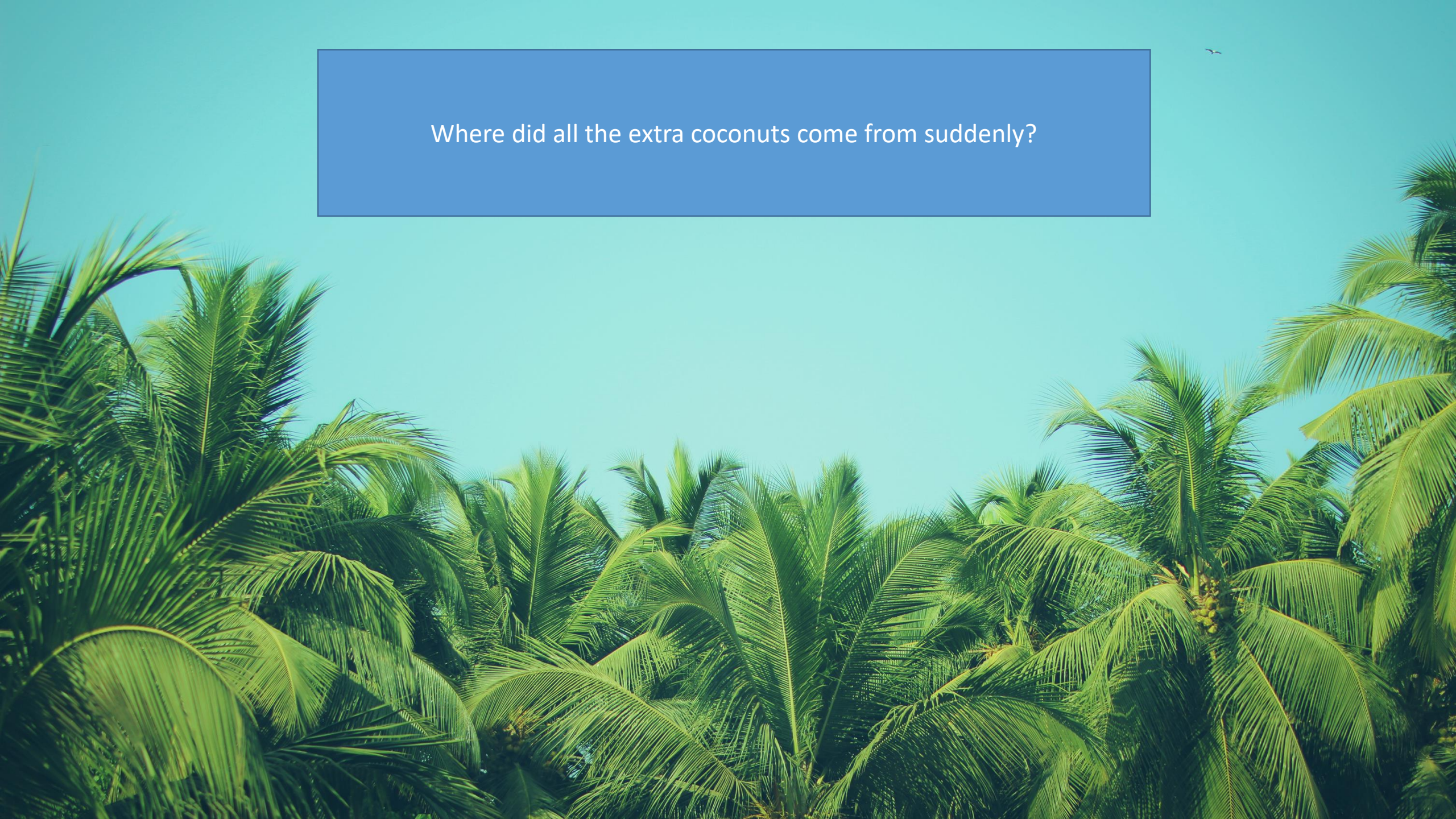
<https://music.youtube.com/watch?v=ZhaXBcLmxiE>

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Where did all the extra coconuts come from suddenly?





14,219 km

Distance from Durban to Louisville



WHO & Sugar Tax

Why has it made such a recommendation?

The WHO said that a scientific review of existing evidence found that consumption of such sweeteners was also linked to an increased risk of Type-2 diabetes, cardiovascular diseases, and mortality in the long run. Some low certainty data also linked the use of such artificial sweeteners to bladder cancer and preterm birth when consumed by pregnant women.

“The recommendation applies to all people except individuals with pre-existing diabetes and includes all synthetic and naturally occurring or modified nonnutritive sweeteners that are not classified as sugars found in manufactured foods and beverages, or sold on their own to be added to foods and beverages by consumers,” the W.H.O. said.

The tax is charged on non-alcoholic sugary beverages, except fruit juices, and results in an effective rate of 10% to 11% per litre of the drink. **22 Feb 2023**

<https://indianexpress.com/article/health-wellness/who-artificial-sweeteners-weight-loss-diabetes-heart-disease-8612673/>

The World Health Organization on Monday warned against using artificial sweeteners to control body weight or reduce the risk of noncommunicable diseases, saying that long-term use is not effective and could pose health risks.
15 May 2023

<https://www.nytimes.com/2023/05/15/well/eat/sweeteners-weight-loss-who.html#:~:text=The%20World%20Health%20Organization%20on,an d%20could%20pose%20health%20risks.>

A woman with her hair in a bun, wearing a red tank top and dark jeans, is working in a field. She is surrounded by rows of corn plants and lettuce. In the background, there are some buildings and a fence. The scene is set during the day with soft lighting.

“The world is changed by
your example, not your
opinion.”

Paulo Coelho

The Old Man and the Tree

Once upon a time, in a bustling village nestled amidst rolling green hills, there lived a wise old farmer named Samuel. Samuel was known far and wide for his abundant harvests and the vibrant, thriving land he cultivated. People would come from distant lands to seek his advice on farming techniques and secrets to his success.

One day, a group of young farmers approached Samuel with a burning question. They said, "Master Samuel, we admire your lush fields and bountiful crops, but what is the secret behind your sustainable farming practices?"

Samuel smiled warmly and invited them to sit under the shade of a mighty oak tree. He began his tale, "My young friends, sustainability is not just about environmental impact. It encompasses a much broader meaning, touching the very fabric of our lives."

He continued, "Imagine a lone tree standing tall in the heart of a barren desert. The tree, with its roots deeply grounded, represents economic sustainability. It symbolizes the importance of fostering a thriving economy, where businesses flourish, jobs are created, and prosperity is shared among all."

"However," Samuel cautioned, "an economy cannot exist in isolation. It must be nurtured by the flowing rivers of ethical conduct. Just as the branches of the tree reach out, ethics embrace social sustainability. It signifies treating each other with respect and fairness, caring for the marginalized, and fostering a harmonious society where every voice is heard."

The young farmers listened intently, their minds opening to the deeper meaning of sustainability.

Samuel continued, "Now, observe the leaves of the tree, shimmering in the sunlight. They represent environmental sustainability. Just as the leaves absorb sunlight and convert it into life-sustaining energy, we must care for our planet, preserving its natural resources, reducing waste, and ensuring that future generations inherit a world teeming with biodiversity."

He paused, allowing the message to sink in. "My dear friends," Samuel concluded, "sustainability is the delicate balance between economic growth, social harmony, and environmental stewardship. Like the tree, it requires deep roots, strong branches, and vibrant leaves working in harmony. Only when we embrace this holistic approach can we truly cultivate a sustainable future."

The young farmers left Samuel's presence with newfound inspiration, understanding that sustainability was not merely a matter of greening their fields but a transformative journey that encompassed every facet of their lives. From that day forward, they vowed to be stewards of the triple bottom line—ethics, environment, and economics—knowing that by nurturing each aspect, they would sow the seeds of a truly sustainable world for generations to come.





Balancing the triple bottom line

<https://sites.lsa.umich.edu/mje/2022/04/15/greenwashing-wont-put-you-in-the-green-how-sustainable-practices-drive-profits/>

10 Things you can do now



Embrace Innovation: Explore innovative solutions and technologies that can help achieve sustainability targets while addressing disruptive challenges. This could involve adopting new processes, leveraging data analytics for informed decision-making, or embracing renewable energy sources to mitigate environmental impact.



Collaboration and Partnerships: Engage in collaborative efforts with industry peers, government entities, NGOs, and local communities. By working together, you can share knowledge, resources, and best practices to address disruptive challenges while staying aligned with sustainability goals.



Agility and Flexibility: Maintain flexibility in your sustainability strategies to adapt to changing market dynamics and disruptive forces. Continuously monitor the business landscape, identify emerging trends, and adjust your sustainability initiatives accordingly to ensure they remain relevant and effective.



Stakeholder Engagement: Actively involve stakeholders, including employees, customers, investors, and local communities, in the sustainability journey. Seek their input, address their concerns, and communicate transparently about your progress, challenges, and plans. By maintaining strong stakeholder relationships, you can navigate disruptive times more effectively.



Risk Management: Identify and assess potential risks associated with disruptive forces, both internally and externally. Develop mitigation strategies that consider the triple bottom line to ensure that any risks are managed without compromising ethics, environmental sustainability, or economic viability.

10 Things you can do now



Long-term Perspective: While disruptions may demand short-term adjustments, it's crucial to maintain a long-term perspective on sustainability. Keep your eye on the overarching sustainability goals and objectives, making strategic decisions that align with your values and principles.



Employee Engagement: Engage and empower your employees to contribute to sustainability efforts. Foster a culture of innovation, responsibility, and continuous improvement, encouraging them to come up with ideas to balance the triple bottom line and overcome disruptive challenges.



Regular Assessment and Reporting: Continuously assess your sustainability performance, measure key indicators, and report transparently on progress towards targets. Regular monitoring allows you to identify gaps, make necessary adjustments, and communicate your commitment to stakeholders.



Regulatory Compliance: Stay updated with evolving regulations and standards related to sustainability. Ensure your operations and practices comply with these requirements, demonstrating your commitment to responsible business practices amidst disruptions.



Emphasize Resilience: Build resilience into your sustainability strategies by diversifying supply chains, investing in sustainable technologies, and fostering a culture of adaptability. Resilience enables your organization to weather disruptive times while maintaining sustainability targets.

“ Unless someone
like you cares an
awful lot, NOTHING
is going to get
better. IT’S NOT.”

Dr Seuss



Thank You

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