



Institute for Sustainability Africa

'Advancing Sustainability Initiatives for Africa'

SUSTAINABILITY TRENDS

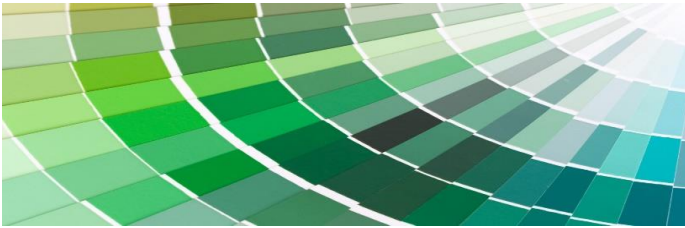
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Greenwashing terms to avoid at any cost



Oh, what a tangled web they weave when businesses set out either to deceive consumers or aspirationally advertise green credentials they haven't earned. Too often, marketers fall into the trap of making unverifiable eco-positive claims, a practice known as greenwashing. Because some consumers have indicated they will pay more money

for products they believe to be environmentally friendly, it's only natural that corporations depict their goods and services as worth that premium, dousing ads in Pantone shades of Foliage, Greenbriar or Treetop and virtue-signalling with stock phrases and clichés. Read more: <https://www.greenbiz.com/article/greenwashing-terms-avoid-any-cost>

The renewable energy transition is creating a green jobs boom



The energy crisis is affecting billions of people around the world, as soaring prices have made it more expensive to power homes and businesses. However, the current crisis has also accelerated the rush for renewable energy, as countries across the world scramble to develop more secure, as well as more sustainable power sources. Readmore:

<https://www.greenbiz.com/article/renewable-energy-transition-creating-green-jobs-boom>

Sustainability Takes Flight in the Travel Industry




The human desire to experience other places and cultures is nothing new. Yet, getting from Point A to Point B is among the most carbon-intensive activities on planet Earth. Today, the travel industry contributes somewhere between an estimated 8% to 11% to total emissions globally. Indeed, the

travel industry is facing a reckoning. Amid rising sea levels, melting glaciers, droughts, flooding, biodiversity loss, and other climate-related problems, many regions are threatened. Readmore:

<https://www.informationweek.com/sustainability/sustainability-takes-flight-in-the-travel-industry>

13 Sustainability Trends Driving Business in 2023

Firms around the globe are shifting their focus on sustainability from talk to action. They are developing sustainable products and services and supply chain practices to increase revenue, satisfy investors and regulators, and improve their reputation. Additionally, these practices help them reduce their environmental footprint while saving costs associated with waste and resource and energy consumption. Many corporate leaders find sustainability also helps deepen their organization's sense of purpose to engage and retain a new generation of employees.. Readmore: <https://www.imd.org/ibyimd/sustainability/13-sustainability-trends-driving-business-in-2023/>



Designing diversified renewable energy systems to balance multisector performance

Renewable energy system development and improved operation can mitigate climate change. In many regions, hydropower is called to counterbalance the temporal variability of intermittent renewables like solar and wind. However, using hydropower to integrate these renewables can affect aquatic ecosystems and increase cross-sectoral water conflicts. We develop and apply an artificial intelligence-assisted multisector design framework in Ghana, which shows how hydropower's flexibility alone could enable expanding intermittent renewables by 38% but would increase sub-daily Volta River flow variability by up to 22 times compared to historical baseload hydropower operations. Read more: <https://www.nature.com/articles/s41893-022-01033-0>

Sustainability and the Future of the Laundry Industry

The laundry care industry is changing – trying to keep up with the evolving needs and priorities of users. One of these priorities is a focus and consciousness on the environment and conservation of the planet's resources. This trend will continue and will present itself in the equipment and practices of manufacturers and operators. The wet cleaning system is the more sustainable and efficient way to clean your customer's 'dry clean only' clothing. It is a process that uses water and eco-friendly soaps to clean clothing and textiles. Read more: <https://laundryledger.com/sustainability-and-the-future-of-the-laundry-industry/>

New commission launched to raise mining sustainability



The Commission is backed by the Archbishop of Canterbury, Justin Welby, and the Archbishop of Cape Town, Dr Thabo Makgoba, as well as global investor network the Principles for Responsible Investment (PRI) and advised by the United Nations Environment Programme (UNEP). An ambitious agenda will be pursued

by the Commission targeting sector-wide reform by 2030 to be supported by investors, banks, insurers and mineral demand side companies. Read more: <https://www.miningreview.com/energy/new-commission-launched-to-raise-mining-sustainability/>

Leading sustainability and transformation in the public sector



Throughout his career, Dr Chai Young Jun has held numerous roles in healthcare, ranging from endocrine surgeon and consultant to researcher and professor at the renowned Seoul National University. While working at a biomedical start-up company in 2020, he realised he needed to transform his skillset. "It was difficult running a

company without sufficient finance and business knowledge, which is something doctors may lack. I decided to commit to learning more about topics I was not well-versed in and expand my perspective." Read more: <https://www.channelnewsasia.com/advertorial/leading-sustainability-and-transformation-public-sector-3203536>

Climatologists outline their agenda for Africa in 2023

Universities will continue to play a significant role in dealing with the impact of climate change, promoting sustainability and providing roadmaps towards mitigation and adaptation methods during 2023. Given the challenges Africa is facing, climatologists are set to continue their work to tackle the transition to low-carbon economies and cleaner forms of energy, build climate and sustainability courses and curricula, develop strategies for extreme climatic events, and investigate climatic trends and dynamics needed to formulate policies and strategies.. Readmore: <https://www.universityworldnews.com/post.php?story=20230124124849814>

African governance struggling in face of hard times



A decline in security and democracy has caused the standard of governance across Africa to stagnate in the past three years, despite overall progress in the past decade, according to a new report. Published on 25 January, the 2022 Ibrahim Index of African Governance (IIAG) found that although the quality of governance had improved in the decade since 2012, it had completely

plateaued from 2019, a situation made worse by the Covid-19 pandemic. Readmore: <https://iclg.com/alb/18513-african-governance-struggling-in-face-of-hard-times>

Africa - Economic Growth Decelerates Before Full Recovery From Pandemic-Led Contraction

Economic growth in Africa is forecast to slow down this year while the level of economic activities remains below the pre-pandemic level, according to the United Nations World Economic Situation and Prospects (WESP) 2023, which was launched today. A series of severe and mutually reinforcing shocks -- the COVID-19 pandemic, the war in Ukraine and resulting food and energy crises, surging inflation, debt tightening, as well as the climate emergency -- battered the world economy in 2022. Against this backdrop, world output growth is projected to decelerate from an estimated 3.0 per cent in 2022 to 1.9 per cent in 2023, marking one of the lowest growth rates in recent decades. Readmore: <https://allafrica.com/stories/202301260102.html>

12 women cultivating sustainable food systems in 2023

With a new year comes new inspiration and the opportunity to embed more resilience, equity and climate-smart practices into food systems around the world. But these changes won't magically occur. They will happen because of the diligent and strategic work of the people who believe in a better future and are making it happen. More often than not, those people are women. Yet they continue to be underrepresented in startup funding rounds, corporate leadership teams and conference panels. To continue highlighting women's groundbreaking work in this space, here's our second annual list of women cultivating sustainable food systems. Readmore: <https://www.greenbiz.com/article/12-women-cultivating-sustainable-food-systems-2023>

The relationship between climate change induced natural disasters and selected nutrition outcomes: a case of cyclone Idai, Zimbabwe

The household-based cross-sectional study was conducted in Eastern Zimbabwe. Data were collected through face-to-face interviews to determine food consumption score (FCS) and household dietary diversity (HDDS), minimum dietary diversity for women (MDD-W) and minimum dietary diversity for children (MDD-C). Severity of Cyclone Idai was grouped into five categories based on the extent of damage to infrastructure and loss of human lives. Association between continuous and categorical variables was tested using Pearson correlation test and Chi square test, respectively. Linear and binary logistic regression was performed to investigate determinants of food security. Readmore: <https://bmcnutr.biomedcentral.com/articles/10.1186/s40795-023-00679-z>

Zimbabwe: 'Practise Water Harvesting to Improve Production of Winter Crops'

Agricultural experts have urged farmers to harvest rainwater for sustainable crop production adding that the initiative is a practical solution to crop moisture deficit. The initiative supports Government's drive to boost agricultural production as adopting scientific methods to climate proof agriculture. Rainwater harvesting involves using techniques that allow the capture and utilisation of rainfall for sustainable crop production. It is the key to mitigating the effects of climate change to ensure food and water security in the country's semi-arid regions. Experts agree that the technology is one of the most sustainable ways of adapting to climate change and mitigate its effects since it enhances crop productivity by minimising moisture stress in the field. Readmore: <https://allafrica.com/stories/202301210081.html>

Of Africa food sovereignty, climate change, GMO onslaught

FROM January 25 to 27, 2023, African leaders once again gathered under one roof in Dakar, Senegal, to deliberate on the continent's food systems and resilience in agriculture. This was the chance to take stock, evaluate missed opportunities and map the way forward. This occasion also became the platform to examine the continent's resilience-building processes and sustainability, especially in the face of climate change, genetically modified organism (GMO) foods production, lack of mechanisation and Africa's apparent surrendering of its own food sovereignty. Readmore: <https://www.newsday.co.zw/opinion-analysis/article/200006791/of-africa-food-sovereignty-climate-change-gmo-onslaught>

Conservation: Raising minimum age of trophy hunted lions could increase hunting sustainability

Trophy hunting is widely practiced in Africa as a conservation strategy, however, its use can be contentious. Although the minimum age threshold for hunted male lions is typically six years, previous research has suggested that lions aged between four and seven years old are often estimated to be older than they actually are. In addition, lions are also at risk from poaching and conflict with livestock owners. Andrew Loveridge and colleagues modelled the impacts of poaching, conflict with humans, and trophy hunting using a range of age thresholds on a simulated population of 500 lions in 40 prides, which was developed using data from a 20-year study of lions in Hwange National Park, Zimbabwe. Read more: <https://www.natureasia.com/en/research/highlight/14350>

SUSTAINABILITY ADVISORY SERVICES

We help our clients to build business value by embedding and active management of economic, social and environmental impact in their business.

Our expertise and understanding of the local context coupled with our international consortium of experts helps clients identify where to focus, measure and disclose their sustainability practices and values internally and externally thus fostering long term value creation.



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Institute for Sustainability Africa



About The Institute

IN\$AF is an independent multi-disciplinary independent think tank and research organization working towards a sustainable Africa. The Institute is a registered Independent Trust (MA1218/2012) in Zimbabwe.

Our Vision

Advance Sustainability Initiatives for Africa.

Our Mission

Foster Sustainability Initiatives and Innovations towards Green Economy, Sustainable Development and Sustainable Living through applied research, programmes and technical support services across sectors.

Our Values

- A non-partisan research institute;
- An agent for change that promote transformation towards sustainability;
- Committed to rigorous and objective research and analysis to support policy and decision making across sectors;
- Capable of handling complex economic, environmental, developmental and social issues honestly;
- Committed to environmental sustainability principle, practices and values.



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