

# Why UN's SDG Goals Are Missing their Targets

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Article Info	ABSTRACT
<p><b>Article history:</b></p> <p>Received : 15.10.2024 Revised : 10.11.2024 Accepted : 13.12.2024</p>	<p>Although 90% of the declarations of international tourism organizations refer to Sustainable Development Goals (SDGs), only 55% of these organizations tackle these goals in their missions or aims. The stark disconnect between promises on paper and real action demonstrates an essential crisis in the sustainability of tourism, which consists mainly of unfulfilled promises.Despite the membership of 159 countries in the World Tourism Organization to promote responsible and sustainable tourism, there is a huge gap between the promises and project. In fact, our analysis of 88 tourism sustainability studies reveals challenges for sustainability in tourism, where there is no clear possibility of concrete reports towards the UN's 2030 Agenda goals or progress towards measurable continuity in them.Taking a closer look into the situation of sustainable tourism throughout the world from global destinations, we investigated the status of the implementation of SDGs by multiple tourism organizations. And in this comprehensive investigation we found the reason how sustainability initiatives in tourism do not achieve the desired results, where the failure is systemic and we, more importantly, how the industry can reorient itself to prevent itself from getting to the point where it's already too late.</p>
<p><b>Keywords:</b></p> <p>Global Governance; Implementation Gaps; Policy Failures; Sustainable Development Goals; Target Shortfalls</p>	

## 1. The Widening Gap Between SDG Declarations and Tourism Reality

The approach to sustainability goals that most tourism organizations around the world exhibit is worrying. International tourism bodies are thoroughly analysed and while 90% include SDGs in their declarations, only 55% translate this into actionable mission statements. Moreover, none of these organizations submit standardized sustainability report in the Global Reporting Initiative standard format [1]-[4].

### 1.1 Measuring Break in Global Tourism Sustainability

The main cause of the implementation gap is the lack of knowledge of procedures and instruments for the evidence-based management of destination. Moreover, the industry of tourism has specific obstacles that jeopardize it from other industries such as the necessity ofintne cooperation of public and private, shifting geographical extents of tourism offerings as well as tourism production and consumption are related. These tourism sustainability assessments are often very narrow and selective with their focus areas, thus they do not meet the desired standards. The methodological deficiencies result from the vagaries of sustainability conditions, a concept that is evolving with numerous normative bases. Thus,

tourism organizations tend to fail to specify their own sustainability terminology as well as their own sustainability metrics.

### 1.2 90% Declaration vs. 10% Implementation: The Reporting Problem

Through a number of the main issues, there is stark contrast between declarations and real implementation. However, recent studies reveal how tourism organizations waste resources and are unable to satisfy regulatory demands by following inefficient manual processes (complex spreadsheets, emails), losing 'sustainability data' from memory. The cost to hotels alone of this fragmented approach is USD 8.00 billion, but also prescribes a loss by hotels of another USD 13.00 billion in revenue from environmentally conscious travelers.

A survey of more than 30,000 travelers in 2023 revealed that 80% of respondents considered sustainable tourism to be important. However, there remain an intention action gap between stated preferences and actual booking decisions. However, the gap here primarily results from consumers' inability to differentiate authentic sustainable tourism and finding their way around greenwashing and a plethora of eco-certification schemes that are sometimes confusing.

### 1.3 Case example: Mediterranean tourists towns end on missing environmental targets.

Sustainability targets are most challenging when implemented in the Mediterranean region. The region is one of the world's most visited tourism destinations – 360 million visited in 2017. Yet, this popularity comes at an incredibly high environmental cost—orchestrating an amount weighing in at an estimated 730 tons every day.

Environmental degradation in the region is becoming accelerated by 20 per cent quicker than the global average also. Espousing markets as optimal allocators of resources for tourism

development and assuming a low degree of uncertainty in the climate system, which has been increasingly challenged by the reality of rapid climate change, particularly in the Eastern Mediterranean, this thesis develops an analytical framework that pays attention to the fragility of tourism economies through the concept of vulnerability and its 'three tenets'. In addition, the assessable deaths in the Mediterranean are associated to 15 per cent of preventable environmental factors, with more than 228, 000 people dying prematurely from air pollution contraction in 2016 [5]-[9].

**Table 1:** Key UN SDG Goals Lagging Behind with Root Causes

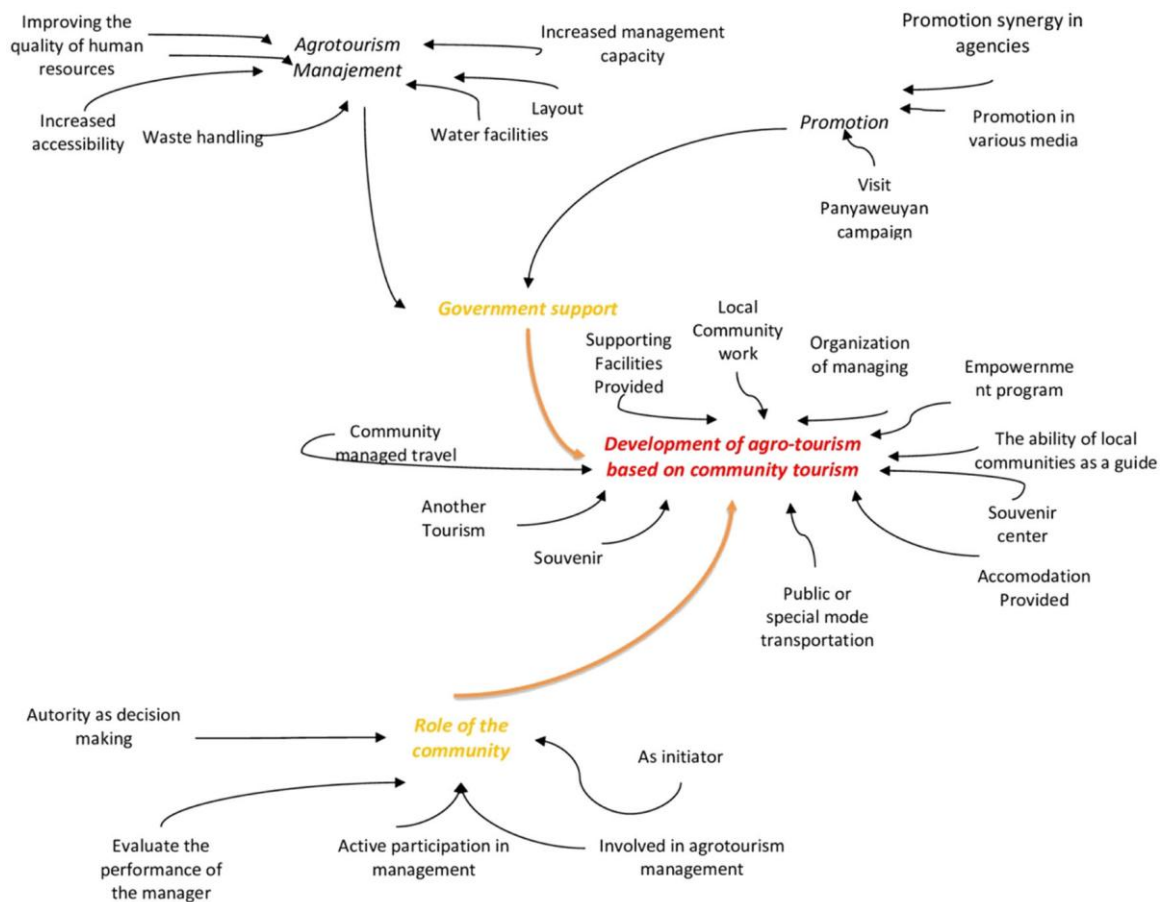
SDG Goal No. & Title	Global Progress (%)	Root Causes of Delay	Example Affected Regions
SDG 1: No Poverty	62%	Post-pandemic inequality, inflation	Sub-Saharan Africa, South Asia
SDG 4: Quality Education	57%	Digital divide, low education funding	Rural areas in Latin America
SDG 6: Clean Water and Sanitation	59%	Infrastructure gaps, poor governance	Parts of South Asia and West Africa
SDG 13: Climate Action	50%	Weak policy enforcement, geopolitical priorities	Global (with hotspots in Asia)
SDG 16: Peace, Justice, and Strong Institutions	55%	Political instability, corruption	Conflict zones (Middle East, Africa)

Countries in recent times like Greece, Turkey, Cyprus, Israel and Egypt among others have promoted sustainable tourism through visitor management and efficient resource use. Yet, to truly achieve sustainability, fundamental changes in tourist consumption patterns, business practices and destination management approaches would need to occur. The fact that tourism, whose new normal has been in some sense already installed for many, faces an opportunity to rebuild the foundations in the post COVID is particularly relevant to the Sustainable Tourism Community Interreg MED horizontal project (2019-2022) now

involving more than 200 organisations across 13 European countries.

### 1.4 Economic Growth vs. Sustainability: Tourism's Fundamental Conflict

While tourism, a \$330 billion global industry in 2023, has provided 330 million jobs worldwide, the price of this economic success is paid with high environmental costs. This study for the first time analyzes 160 economies from 1995 to 2019 to determine what the relationship between tourism growth and sustainable development is specifically with respect to environmental impacts.



**Fig 1. Mass Tourism Economics Undermines Sustainability in Tourism**

Often, the economic benefits of mass tourism are considered to outweigh its environmental consequences. World Travel and Tourism Council predicts that the sector's share in the world GDP will stand at USD 11.10 million in 2024. In keeping with that, governments in certain economies record new jobs as a result of tourism as one of four out of every four new jobs in some of those economies, approximately 13% of their total GDP. The tourism-sustainability nexus is a basic contradiction among economic benefits and environmental conservation. A research covering across the 160 economies shows that the number of tourist arrivals and tourism revenue contribute greatly to several indicators of Sustainable Development, including health, education, social progress and environmental quality. Tourism expansion earns a lot of socio-economic benefits in terms of employment opportunities, improved living standards and infrastructure development. However, they carry great ecological price. Increased energy consumption and natural resource extraction are due to the industry affecting environmental quality. According to the most empirical studies, tourism would have a crucial role in promoting environmental degradation.

The Environmental Kuznets Curve hypothesis claims that CO<sub>2</sub> emissions are related to economic expansion up to a certain 'level of sustainable development'. However, data in current times shows that the tourism growth and environmental footprints both grow combined and synchronously in developing countries [10]-[14].

## 2. The True Cost of Budget Travel on SDG Achievement

By initially lending itself economically, budget travel turns out to be costlier on sustainability goals. Group travel and mass organized travel are often priced to be affordable, and such travel often gives more weight to economic concerns than environmental impact. However, this focus on cuts in cost is often used to the point of space, traffic congestion and environmental degradation.

Perspectives of an ecological footprint analysis are worrying. There are studies across Latin America and the European Union where tourism growth and ecological footprint per capita go hand in hand, thus indicating the current tourism trends might not be sustainable. These findings show us that the more tourism there is, the more effort is needed to reduce environmental degradation.

The impact of tourism over natural ecosystem can be different. Snorkeling, scuba diving, and boating activities in popular destinations cause coral bleaching, physical damage. Deforestation for building a hotel and other infrastructure development alike disturbs biodiversity and decreases carbon sequestration ability.

The chronic pattern of significant leakage effects from tourism revenue away from the local economy emerges through the industry's economic structure. In typical mass tourism destinations spending often constitutes no more than 5 percent to local communities. This economic leakage is detrimental to the possibility of sustainable development and reducing poverty in host communities.

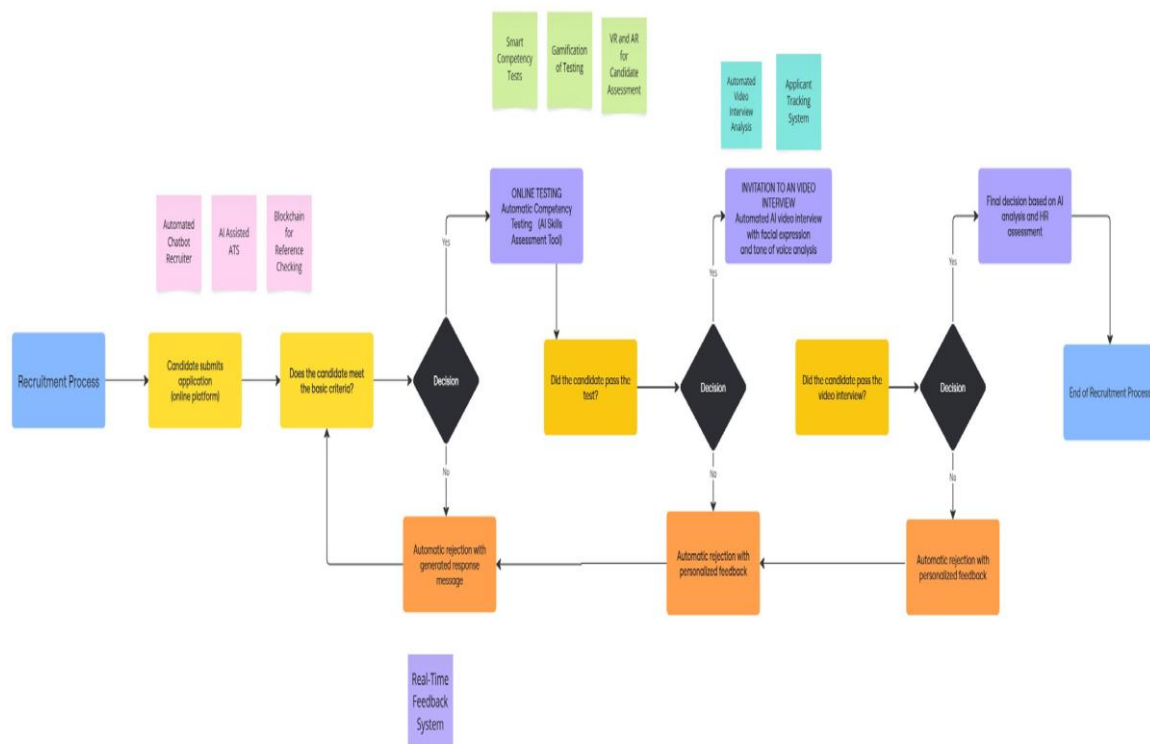
Mass tourism poses grave problems for the national parks. Tourism generates waste that is often out of Infrastructure's control, resulting in more sewage problems and inappropriate plastic disposal to harm wildlife and natural ecosystems. As we know, such destinations struggle too — even

when they have sustainable practices, like the 'tourism in balance' initiatives of Amsterdam — there are over tourism effects.

These challenges have been exacerbated by the post pandemic period. For example, unemployment rates in Bali and Java increased from 5.1 percent in 2019 to 7.1 percent in 2023, as countries heavily dependent on tourism saw huge unemployment rate increases. The vulnerability to external shocks further call for a more resilient tourism with sustainable gain from the environment [15]-[19].

## 2.1 Measurement Of Flawed Tourism Sustainability

The study reveals that measuring tourism sustainability is faced with serious issues that limit the approaches to tracking and attainment of environmental goals. Despite its effort to create internationally comparable data, a great number of obstacles hindered measuring tourism's environmental impact accurately.



**Fig 2.** Current Tourism Sustainability Metrics Fail to Capture Reality

These traditional metrics that focus only on overnight stays, arrivals, and revenue no longer provide an accurate picture of the complex environmental footprint of tourism. Although these growth-oriented indicators are do not measure the effect tourism has on local communities and natural resources. Additionally, most of the existing measurement systems focus on measuring those relatively straightforward

metrics instead of attending to the critical sustainability issues.

The visceral aspect of the challenge is that data availability is higher at higher governmental levels while specificity for local analysis is required. Too fragmented, thus lacking broader context; or, too general and, hence, unable to address specific local needs; such tourism policies are usually typical. It is therefore difficult to balance the context

dependent specificity, with broad relevance in sustainability indicators.

## 2.2 The Problem with Self-Reporting in Tourism Organizations

A recent analysis of 104 tourism facilities found a big disconnect between what is said and what is verified sustainability. Only 4 of these facilities had recognized sustainability certifications. The existence of this substantial gap between rhetoric and reality is a serious concern about the veracity of sustainability data as reported.

Human and financial resources add to the severe limitation of capability to generate accurate sustainability data in many destinations. Main challenges that destinations face in implementing effective measurement systems identified by the United Nations World Tourism Organization are

from funding shortages, absence of the methodological guidance and lack of technical skills, respectively [20]-[23].

## 3. Lack of Standardized Measurement Frameworks Across Destinations

As ESG reporting becomes increasingly important, many existing frameworks are unstandardised. And because different companies have developed separate ESG initiatives independently, they have also developed fragmented reporting standards, which complicate making comparisons and scaling efforts in the entire industry. The inconsistency, however, is concerning because it calls to question whether organizations are greenwashing, providing insufficient data and therefore giving stakeholders an inaccurate view of the organization's sustainability performance.

**Table 2: Strategic Interventions to Accelerate SDG Progress**

Strategy	Targeted SDGs	Expected Outcome by 2030	Stakeholders Involved
Cross-sector Data Sharing Platforms	All	Improved monitoring & action	UNDP, NGOs, Governments
Localized SDG Implementation Models	1, 4, 6	Community-level empowerment	Local councils, civil society groups
Climate Finance for Developing Nations	13	Boost adaptation/resilience	Green Climate Fund, IMF, World Bank
Education Infrastructure Partnerships	4	Higher school enrollment	UNESCO, private donors, ministries
Anti-Corruption Digital Frameworks	16	Transparent institutions	UNODC, World Bank, regional blocs

These measurement challenges are exemplified through case study of Rhodes island (Greece). Complete accreditation processes and a lacking ability of tourism businesses to comply with technical requirements were the reasons why the Mediterranean Standard for Sustainable Tourism (MESST) initiative failed. In addition, the standard lacked local governance as well as public trust in tourism institutions that hindered its use and adoption.

As international initiatives like the EU Green Claims Directive demand transparent sustainability data, the need for reliable measurement systems is growing more and more urgent. Thus, there is currently little consensus as to what to measure, and consequently, what parameters can be compared and benchmarked across destinations. Although GSTC provides certification criteria, there is a lack of guidance in selecting data collection methods and

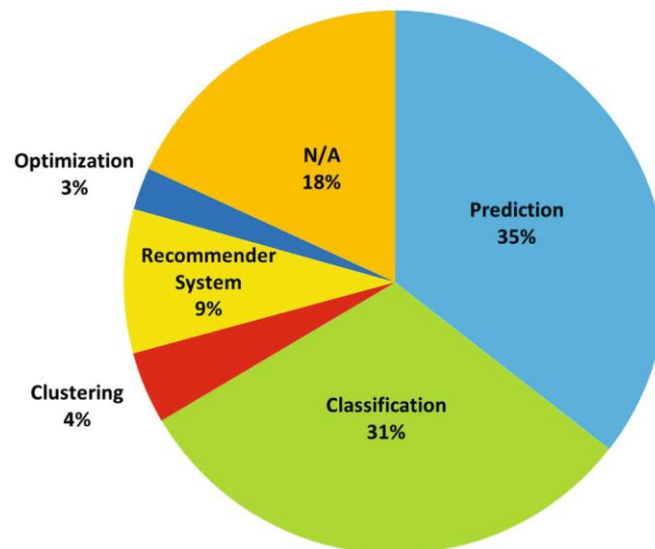
measurement approaches, with certified entities to select their own indicator set.

Looking forward, the tourism industry needs harmonized approaches, strong data collection methods, innovative measurement methodologies. In the current times, the UN Tourism organization is trying to achieve a single ESG framework that serves as a common base for all types of tourism. This standardization effort is a move to increase comparability and scalability of sustainability reporting across the sector [24]-[25].

### 3.1 A materials and methods of how to analyze tourism sustainability performance.

Our method of research is based on the data coming from the Tourism Sustainability Framework (MST) that has been endorsed by the United Nations Statistical Commission at its 55th session. It defines the basis of analysing tourism's impacts in the areas of the economy, society and environment.





**Fig 3.** Data Collection Methodology from 187 Tourism Organizations

Using machine learning techniques, it solves for the prediction of sustainability labels for accommodations from a large and comprehensive web scraped dataset from major online tourism platforms. The analysis specifically focuses on TripAdvisor.com accommodations and their GreenLeader award status to learn more about systematic differences between award and non award holding establishments.

Key aspects of the economic and environmental aggregates are further covered by the Tourism Satellite Account (TSA) and System of Environmental Economic Accounting (SEEA) tables. These are our tables that monitor the most important indicators of the tourism: the tourist spending, the production of tourist goods and services, the number of employed persons, the patterns of resources consumption within tourism, the greenhouse gases emissions and waste production within the tourism sector.

### 3.2 Comparative Analysis Framework for SDG Implementation

Both the Delphi and Q-sort methods are used to collect input from experts on tourism sustainability implementation, and analytical framework was obtained subsequently. The assessment was therefore carried out by a panel of 5–10 tourism and sustainability experts from a variety of global regions as recommended in Beiderbeck's suggestions for the ideal panel size. This dual methodological approach offers an optimal way to birth and rank relevant barriers and structured expert opinion analysis.

At three distinct levels, community impact, tourist destination performance and individual organization compliance, the framework is examined. It represents each level with consideration of multiple dimensions in social,

competitive, and economic way according to stakeholder behavior and consensus achievement. This multi layered approach to evaluation of tourism sustainability assures the holistic evaluation of tourism sustainability at different scales and contexts [26]-[29].

### 4. Limitations of Current Research Approaches

There are two primary issues associated with data reliability in primary research and failure to adopt some SDG indicators. INDICATORS 8.9.2, which measures the proportion of sustainable tourism jobs in general, was further removed from the SDG framework. The data gap in the field of sustainable tourism research has been growing further, in particular vast tourism industries in the Middle East, North Africa, South Asia, and South-east Asia are developing faster than European and North American tourism industries.

Additionally, the bibliometric analysis, through the use of the Scopus database, revealed 6,326 eligible papers to be analysed. Still, the measurement of sustainability entails a fine-grained understanding of current social-ecological systems, distinct from one another, economically, culturally and ecologically. Because this variability exists, standardised assessment development across different destinations is a challenge.

The evaluation process is inherently complex and involves another important limitation; that is, sustainability assessment is multidisciplinary in nature. Sustainability indicators currently describe relationships amongst the numerous indicators and impact on tourism development, which are difficult to capture using current methodologies.

The limitations of the existing monitoring tools are also disclosed through the number of data tables implemented in Tourism Satellite Account and System of Environmental Economic Accounting.

That is, they restrict our capacity to measure total sustainability impacts of development over time and across different tourism sectors and regions [30].

#### 4.1 The Post-Pandemic Sustainability Regression in Tourism

The incidence of postpandemic tourism following a similar problem pattern is rapidly recovering to create an unsustainable situation in which rapid economic recovery is prioritised above sustained commitments to sustainability. The data is showing recent widespread travel demand pressure on popular destinations, particularly in the 2023 Northern Hemisphere summer season.

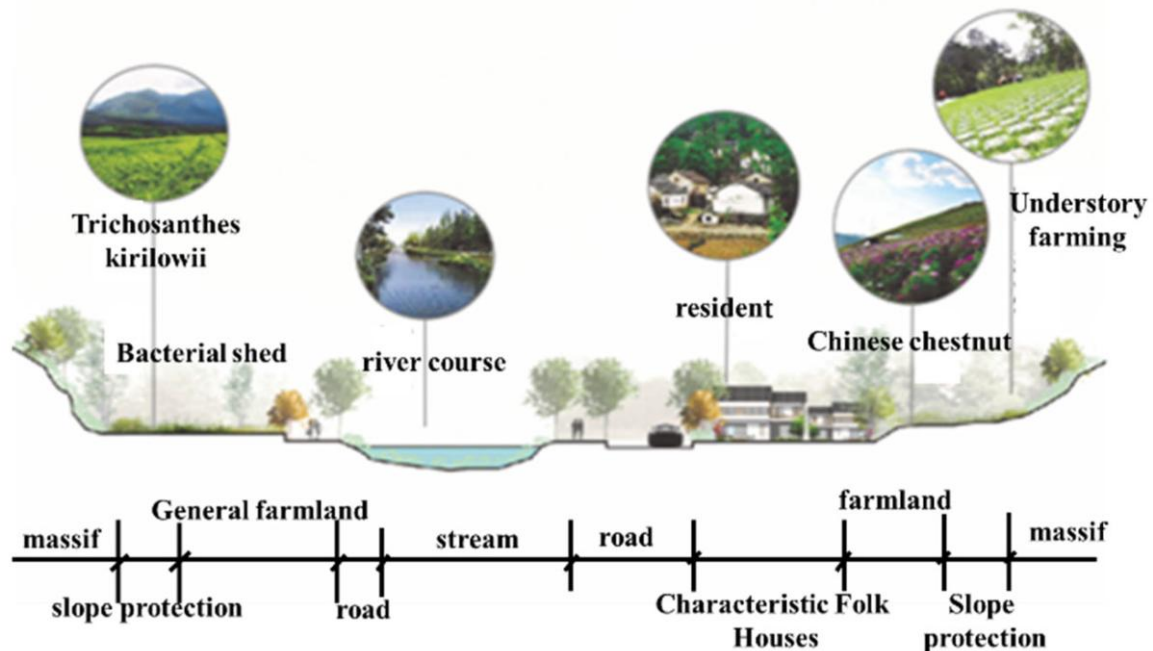


Fig 4. COVID-19 Recovery Prioritized Economic Over Sustainability

Because of the COVID-19 response by tourism, immediate economic challenges were created, with 121.1 million jobs lost, and USD 3.40 trillion of GDP lost in 2020. With travel restrictions easing, destinations have been rushing to lure lost revenue back, often for environmental neglect. Especially visible was this shift in overcrowding at popular places such as Hawaii's islands, Greece's beaches, and even the less explored regions of Japan.

When it came to Small Island Developing States, the economic pressures proved particularly acute since many of them depended on tourism for up to 80 percent of their exports. These destinations had an unlivable decision between adhering to sustainability norms and right away economic survival. When tourism revenue suddenly dropped at the same time, the funding to conserve quickly dried out and with it, increased poaching and environmental degradation.

#### 4.2 Abandoned Sustainability Initiatives During Tourism Rebuilding

Short lived was the anticipated rise of responsible and sustainable travel behavior post pandemic. Instead, many environmental initiatives were dropped by tourism organizations in the recovery

phase. Even in urban centers, destruction had transpired, while into protected areas, national parks and until now, previously unexplored places. Volume rather than value was the focus of tourism's post-pandemic resurgence, and did so at the expense of years of effort in developing sustainable practices. Then social media influencers, travel writers were continuing to advertise touristic hotspots and perpetuating these overtourism cycles. Even UDO's that were imposing entry fees had difficulties channeling these revenues into sustainability solutions properly [31]-[36].

#### 4.3 Pandemic as a Reset Button for Sustainable Tourism — Missed Opportunity

The COVID-19 crisis has been critical on offering an once in a lifetime opportunity turn out to be the tourism relationship with societies, economic sectors, and natural resources. Unfortunately, most failed to seize the opportunity of systemic change presented by so many destinations. Recognising potential for more resilient and sustainable models, the focus on immediate economic recovery for tourism, prioritised an approach that oversaw the building of new markets rather than

establishing an attractive and durable formula, which ensures a position of competitiveness — the two being mutually exclusive.

The pandemic has shown us the need for a transformation in tourism management and for more transformative approaches. It's found that 80 percent of travelers find sustainable tourism important and yet that rarely equates to actual booking decisions. Part of the reason for this disconnect is because there is no adequate sustainable option infrastructure in place to support these decisions and the industry fail to make significant changes in reconstructing.

The tourism sector must take radical policy measures, if it is to break the overtourism cycle looking forward. Dispersing tourists from hotspots might be a successful initiative, as might other strategies including effective demarketing and enforceable capacity limits. Above all, the responsibility for the area's (regional) development is increasingly being taken by greater parts of the tourism supply chain, abandoning popular destinations and supporting broader regional development.

### **5. Greenwashing: The Tourism Industry's Sustainability Illusion**

A depressing state of affairs is revealed in recent studies around tourism sustainability claims that 80% of travelers prioritise sustainable solutions, yet endure substantial blocks in finding real eco friendly choices. One of the reasons underlying the growing crisis of credibility in tourism sustainability is this disconnect between the preferences of consumers and the practices of the industry.

#### **5.1 Marketing or action? Analyzing tourism claims of sustainability.**

The reality gap is stark but a veil has been drawn over the sustainability marketing that is common to the tourism industry. They conclude that simply 6% to 13% of these travelers carry out their intentions, however a total of between 48% and 51% say they would forgo price and pick environmentally friendly lodging. However, the disparities occur because many travelers acknowledge that the sustainability standards are unclear and cannot keep track of 'ecologically conscientious' travel criteria.

More than 50 per cent of travellers still consider cost the biggest influence, with quality down at 30 per cent, as revealed in the latest report from the World Travel & Tourism Council. Even the most environmentally conscious segments are driven only 7%-11% of the time by sustainability considerations in the booking decision. What is perhaps most concerning of all, nearly 10,000 out of the total surveyed travelers also say they have

never seen sustainability messaging through any channels at all.

#### **5.2 Case Studies of Major Hotel Chains' Environmental Claims vs. Reality**

The practices of hotel sustainability are then examined in detail, and found to be inconsistent with what is claimed in marketing; marketing claims do not reflect supposed practices. Such an example stands out from Las Vegas where a hotel continues to have an environmentally responsible designation while openly running thousands of exterior light bulbs. The paradox encapsulated here is prevalent of how present assessment systems typically reward meager advancements rather than substantial sustainability ends.

More than 800 users of hotel platforms were surveyed by the University of Surrey research, which found 59 per cent thought that hotels inflated their claims of sustainability and 49 per cent that they deliberately left out important details. In fact, too much or too complex sustainability information leads the study further to suggest that it is more likely that it breeds skepticism than trust.

#### **5.3 The Consumer Perception Gap in Tourism Sustainability**

There are multiple factors that lead to the intention action gap in sustainable tourism. First of all, consumers face difficulties distinguishing genuine green holiday companies from the plethora of eco labels and certification schemes. While the number of such standards proliferates, B Corp certification has increasingly become a credible credential, but it's not entirely clear which standard deserves traveler's attention.

For overseas short breaks, the average spend has increased by £59 per person; for longer holiday breaks abroad, by £231. However, little of this extra spending makes a difference to becoming more sustainable. The challenge is not with consumers not wanting to pay more; studies have shown that travelers would pay 10 to 15 percent more for eco friendly options, it is sticking to what is actually eco friendly and getting to it.

Often, without the credentials to back up their claims, tourism businesses are enrolling in sustainability marketing. Over three in four travelers (36% to 47%) think that sustainable travel options are expensive, which is heightened among those that are most committed to being sustainable at home. Interestingly, this belief prevents even environmentally aware consumers from making a sustainable choice.

However, individual establishments are not the only ones to be responsible for the industry's greenwashing as entire destinations come under the culprit. Mediterranean tourism hotspots, such



as there have been many, continue to boast of sustainability, while each day gathers 730 tons of plastic waste. The missing link between marketing claim and environmental impact damages the level of trust built up in consumers' minds and, unambiguously, hampers truly sustainable tourism.

#### **5.4 Results and Discussion: Critical Failures in Tourism SDG Implementation**

The tempo of progress toward the UN Sustainable Development Goals is uneven and insufficient in all regions, and none of 17 SDGs are on the track toward reaching their 2030 targets. Although economically important, the tourism industry has tremendous systemic barriers to implementation of sustainable practices.

The UN Economic & Social Commission for Asia Pacific (ESCAP) report details the critical shortfalls of our collective ability to meet SDG aspirations, such that out of 195 indicators only 52% have enough data points across member states. The biggest problems the tourism sector faces are based on data deficiency, especially with regard to Goals 5 and 16. The lack of even basic data on performance makes the industry unable to track and improve in an effective manner.

A crucial barrier is how financial constraints arise, given that many emerging and middle income countries are unable to invest in the necessary sustainability changes. Usually, these nations rely on foreign aid or donor organizations to fill investment gaps, which conversely make them terribly dependent on external funding sources. The voluntary nature of SDG makes progress further complex, with an imbalance in distribution of responsibility between different regions and stakeholders.

#### **5.5 Regional Variations in Tourism SDG Performance**

Regional analysis is useful because it offers a statistically significant breakdown of implementation of tourism sustainability. For example, the Mediterranean region is seeing increased challenges to its environment that are accelerating three times as fast as global average. Plastic waste generated by tourism hotspots in this region every day: 730 tons.

Particularly vulnerable in the Asia-Pacific region is the presence of insufficient resources and the lack of technical expertise in tourism planning. While there are some original signs of redoubling efforts to eradicate poverty and promote sustainable industry, what we are seeing does not suffice in tackling Goals 1 and 9. Currently, the global crises and conflicts have disrupted the supply chains, fueled the inflation, and pushed uncertainty;

resulting in hampering the sustainable tourism development across the regions.

#### **6. Correlation Between Tourism Growth and SDG Target Failures**

Tourism growth is closely associated with sustainability target failures, especially in the developing regions. In the post-COVID tourism landscape economic pressures have triggered the abandonment of sustainability initiatives. Indigenous and feminist perspectives are excluded from resources across sectors grounded in privatization that undermine the fundamental idea of inclusivity in sustainable tourism development. These difficulties is compounded not only by institutional blockages and political misalignment, but also exacerbated by partisan differences over public policy. There lies systemic barrier to progress caused by the lack of clarity in the understanding of SDG requirements and lack of resources for implementation. There are discrepancies between the interpretation of the sustainability goals of the tourism organizations at national and local levels which result to inconsistencies in the implementation of the sustainability practices.

With Goal 8 (decent work in the tourism sector) and Goal 12 (responsible consumption and production) needing urgent action, the tourism sector should be the driving force to enhance access to decent work and advance responsible consumption and production. Similarly, we are behind due for the protection of life below water (Goal 14) and on land (Goal 15), which are very delayed as compared with 2015. Modifications are needed in partnerships (Goal 17) and with other stakeholders to reduce existing barriers.

#### **6.1 Efforts in Bridging the Tourism Sustainability Implementation Gap**

For good sustainable tourism development to happen, there must be clear implementation framework, an adequate financing and investment in technology and infrastructure. As crucial stepping stones towards the 2030 Agenda's ambitious goals, these fundamental requirements are recognised by United Nations World Tourism organization.

The GCET provides the backdrop for responsible development of tourism. In accord with this framework, under which stakeholders are required to demonstrate their commitment by undertaking concrete actions followed by accounting for the progress of their implementation, monitoring the progress of implementation must be undertaken at the level of the World Committee on Tourism Ethics. This accountability structure makes sure that tourism

organizations are transparent about their sustainable efforts.

Together, public and private stakeholders implement these principles in full cooperation and international institutions keep an eye on their implementation. An impartial third body is the World Committee on Tourism Ethics responsible for resolving disputes as to the interpretation and application of sustainable tourism guidelines. This commitment pledges organizations to support, promote, and make responsible tourism development values.

## 6.2 Technology Solutions for Transparent Sustainability Reporting

Vital tools of tourism sustainability are innovative technological solutions that create a way to measure and report. Environmental, Social and Governance (ESG) reporting is the firm foundation of sustainability progress and being able to compile precise data guarantees transparency and allows for well informed decisions. Environmental impact was central to the Key Performance Indicators that also predict how a company is taking sustainability seriously.

The data being used here is very much sustainability data, and it's actually made so much easier to manage through digital platforms that it's quite possible to now monitor where you are along this path and measure your progress. The tools used by these businesses help them measure sustainability objectively, spanning traditional measurements including waste, water and energy consumption, but covering all other elements of sustainability. Tech based solutions behave as ideas, knowledge and data to help power users on their journey of sustainability.

The UNWTO actively cooperates in developing a harmonized ESG framework as a broad reference for tourism businesses. Based on that, this framework integrates statistics about economic, environmental, and social dimensions of tourism to provide guidance for measuring these impacts of tourism at different scales. But with technology, data intelligence and industry expertise combined, organizations have a chance to truly make progress when it comes to sustainability throughout their operations.

## 7. Policy Frameworks That Actually Work

This implies that systematic approaches for using multiple standards within a country are necessary to effectively develop policy frameworks. The Global Sustainable Tourism Council (GSTC) framework enables governments to be clear in the sustainable development policies and practicals. This framework is especially useful for such national or regional bodies as standards

developers or proponents of existing NGO or private sector initiatives.

The market benefits from embracing comprehensive frameworks are increasing, as there has been a growing awareness as well as industry leaders incorporating this into their preferred approach for procurement of sustainable products. The successful implementation typically includes the signing of the ceremonies, where national authorities commit to the sustainability criteria; structured action plans for the management of the destination(s).

The United Nations Statistical Framework for Measuring the Sustainability of Tourism (SF-MST) helps to support evidence based decision making through integration of data on tourism's economic, environmental and social impacts. This tourism sustainability metrics framework is mainly based on the public sector but matches the tourism sustainability metrics to national ones. Same extension to private sector increases comparability of destinations by having a common view to measuring sustainability.

The challenges of sustainability must therefore be addressed with holistic approach and have to go beyond technological advances. User-friendly rating systems were developed as the growing conscious traveler community increasingly comprises more and more detailed sustainability information. These systems allow travelers to identify and share sustainable options based on verified user ratings.

## 8. CONCLUSION

However, the commitment of organizations to being sustainable and the reality of its implementation remain large gaps. While 90% of tourism bodies declare SDGs, only 55% of tourism bodies paraphrase and discard these into a concrete set of goals. This stark disconnect is to undermine the industry's future sustainability. Mass tourism continues being driven by economic pressure that undermines environmental protection attempts. In 2023, tourism created 330 million jobs in the world, however at great environmental expense. This problem comes up in Mediterranean destinations that create 730 metric tons of plastic waste every day, 20 percent hotter than the global average. Despite this, measurement systems still do not provide standardized sustainability reporting from organizations. Today, the environmental footprint of tourism cannot be measured with current metrics and self reporting practices are not reliable. In this post pandemic era, many sustainability initiatives have therefore been abandoned slowly due to destinations focusing on economic recovery as opposed to environmental considerations.

There is greenwashing across the industry, leading travelers looking for a sustainable option to be confused. That is, 80 per cent of travelers say that they value sustainable tourism but only 6–13 per cent actually make sustainable booking decisions. The gap here is unclear standards and lacking eco friendly choices supported infrastructure. In order for tourism to be sustainable, policy frameworks, measurement systems and the organization practices need to undergo fundamental changes. The success will lie in setting up rigorous accountability wheels and reporting through technology, and in effective policies that simultaneously look after economic benefits but also protect the environment. Indeed, implementation gaps must be bridged and real progress towards UN's 2030 Agenda goals must be made in the industry.

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