



THE DARK SIDE OF HOSPITALITY

NET ZERO
Hospitality
UK

ANTONIO'S
— B A R & G R I L L —

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NET ZERO
Hospitality
UK

creating a
new legacy



NET ZERO
Hospitality
UK

For long term survival our hospitality sector must have new foundations.

NET ZERO AND SUSTAINABILITY

Creating processes and delivering education to deliver a legacy of change.

FACING UP TO OUR ACTIONS

Historically the hospitality industry has had a dramatic impact on the environment - through energy and water consumption and use of consumables.

Today, driven by much more savvy customers, sustainability is widely regarded as the key to a successful 21st century business. Net Zero Hospitality UK will present you with the dark side of our sector, how our industry is responding and why it is a key focus of our proposal to act now.

Sustainability or social responsibility is a prime concern for public and private sectors alike - the hospitality industry is no exception. But what does the term really mean?

Sustainability simply means that natural ecosystems can continue to support life and provide resources to meet the needs of present and future generations. Continually taking advantage of ecosystems, taking out without putting back in, is entirely unsustainable.

The hotel sector particularly puts pressure on the environment and makes astonishing demands of natural resources. The same industry relies on those natural resources - unspoilt landscapes, sandy beaches, waterfalls, glaciers, turquoise waters, coral reefs and fresh air - to serve as tourist attractions and drive custom.

There is an inherent danger that the we harm the very basis on which hospitality is built.

In addition, other business concerns such as rising costs and increased governmental pressures, can surely only motivate hoteliers and restaurateurs to embrace sustainability and make it an integral part of their corporate agenda. Consumers are increasingly aware of sustainability and expect restaurants and hotels to take responsibility and conduct their business sustainably.

SPOIL YOUR GUESTS WITHOUT SPOILING ANYTHING ELSE

The hotel industry has been quick to respond to these changes and is progressively turning green - leaving many restaurants in its wake. Practices have been put in place to recycle, reuse grey water, prevent waste, reduce energy use and lower carbon footprints.

Major players including Hilton Worldwide and Marriott now regularly publish their sustainability reports and initiatives undertaken to reduce their negative impacts on the environment.

Our goal is to drive sustainability to be part of an establishments core experience. Our mantra is simple: spoil your guests without spoiling anything else.

Sustainability equates not just with profitability - it makes good business sense too. Research suggests that more and more customers are willing to reward businesses seen as sustainable by buying products and services from them. Many governments offer tax rewards and other incentives to promote this cause.

There is also evidence that employees take greater pride in their work and so are more engaged and productive. Every hospitality business is built on customer experience - this increasingly needs to be grounded in sustainable thinking.

Our key goal is to provide hospitality professionals and students with the knowledge and resources to make their properties environmentally sustainable.

Sustainability is much more than environmental management - it also concerns economic progress and social development. Social concerns such as inclusivity, work-life balance, employee health and wellbeing, sourcing supplies locally and stimulating entrepreneurship are all part of the sustainability agenda.

THE ISSUES

With increasing concerns around emissions and waste, the hospitality sector needs to act fast - particularly if it is to meet the United Nations 2030 Agenda for Sustainable Development.

The UK hospitality sector generates huge amounts of waste, with the majority ending up in landfill.

WASTE MANAGEMENT: we generate around 3 million tonnes of waste annually - with only 46% being recycled.

EMISSIONS: the sector is responsible for nearly 10% of UK carbon emissions.

LOW WAGES: 80% of hospitality workers are paid less than the living wage.

SKILLS SHORTAGE: the industry faces an acute shortage of skilled workers in key areas.

THE 2030 STRATEGY

In 2019 the UK government announced its 2030 strategy for the hospitality sector with the aim of making it more sustainable and reducing environmental impact:

REDUCE WASTE BY 20%

REDUCE GREENHOUSE GAS EMISSIONS BY 45%

INCREASE NUMBER OF SKILLED WORKERS

A NEW WAY

We offer innovative solutions for professionals who own, operate or work for restaurants, bars, pubs, hotels, cruise ships and in other hospitality sectors.

Students of hospitality, managers of senior living provision, schools, prisons and other lodging facilities can also benefit from our findings and services.

We will offer a roadmap to all professionals where less energy and water is consumed and less waste is generated.

The ultimate result is greater profitability and a lighter impact on our planet.

Our training helps owners to identify their key issues and opportunities and enables them to engage managers and staff in eco-friendly practices, products and services.

It provides environmental and business contexts for sustainability initiatives. It includes case studies such as Antonio's Bar & Grill in Knowsley.

The opening challenges will focus on why environmental sustainability is a business imperative and how to organize effective programmes.

Subsequent delivery will cover energy and water efficiency, waste management, indoor air quality, reducing toxic chemicals, transportation and food waste.

The remaining programme will cover procurement, events and resilience to climate change - why we must act now to save the place we call home.

WASTE, WASTE & MORE WASTE

The hospitality industry has a huge impact on global CO₂ emissions and depletion of resources.

FOOD WASTE

Every year the hospitality industry generates 46 million tonnes of food waste which ends up in landfill and contributes to methane emissions.

ENERGY WASTE

Many hospitality businesses continue to use outdated appliances and lighting systems - wasting energy and increasing their carbon footprint.

WATER WASTE

The industry uses vast amounts of water - from producing food to providing amenities - putting pressure on an already scarce water resources.

PLASTIC WASTE

The sector is a primary user of single use plastics - generating tonnes of plastic waste which takes hundreds of years to decompose.

CARBON EMISSIONS

Globally, the industry produces 1.2 billion tonnes of CO₂ - accounting for 5% of carbon emissions - a significant contribution to climate change.

ECONOMIC RISK

The sector relies on natural resources and an intact ecosystem - damaging the environment poses a financial risk to businesses and the wider economy.

PUBLIC DEMAND

Consumers are increasingly environmentally aware and expect businesses to take responsibility for their actions and adopt sustainable practices.



THE JOURNEY TOWARDS SUSTAINABLE HOSPITALITY

Change is possible. Change is entirely achievable.
For the sake of the future, it cannot come quickly enough.



POWERING INNOVATION

Innovation and technology will play a significant role in shaping the future of hospitality.

This may be through blockchain for supply chain tracking, smart building systems or AI driven sustainability improvements.

FOSTERING SUSTAINABILITY

A sustainable culture must become embedded in the DNA of the hospitality sector.

This can be achieved through new industry targets and standards, investing in green infrastructure and adopting a circular economy approach.

VALUING SUSTAINABILITY

Ultimately the hospitality industry must recognise that sustainability practices not only benefit society - they improve the bottom line.

They can reduce costs, increase customer loyalty and attract new clients who value sustainability.

A NEW AGENDA FOR SUSTAINABLE DEVELOPMENT

The United Nations 2030 Agenda for Sustainable Development has been adopted by all members.

It is a comprehensive, ambitious plan of action designed to be universal and transformative, with a key objective being to protect the planet for future generations.

REDUCING FOOD WASTE

Implementing sustainable food policies, food donation programmes, composting and portion control to reduce food waste and divert it from landfill.

USING RENEWABLE ENERGY

Investing in renewable energy sources such as solar, wind or hydro, to reduce energy consumption and carbon emissions.

COLLABORATION

Working with suppliers, customers and competitors to share knowledge and resources to achieve a greater sustainability than we can by acting alone.

Several industries are obvious collaborative allies to the hospitality sector:

TRAVEL

- coordinate transport systems to reduce carbon emissions
- promote sustainable tourism

AGRICULTURE

- adopt sustainable farming practices
- reduce chemical use and improve soil health

TECHNOLOGY

- develop new energy-efficient solutions
- reduce e-waste and support recycling



UNITED NATIONS

TRANSFORMING OUR WORLD:



THE 2030 AGENDA FOR SUSTAINABLE DEVELOPMENT

Of its 17 Goals for People, for Planet, three are especially relevant to the hospitality sector:

7 AFFORDABLE AND CLEAN ENERGY



to ensure universal access to affordable, reliable and modern energy services, and increase the use of renewable energy sources.

11 SUSTAINABLE CITIES AND COMMUNITIES



to make cities and human settlements inclusive, safe, resilient and sustainable, through sustainable transport, housing, waste management and green spaces.

13 CLIMATE ACTION



to strengthen resilience and adaptive capacity to climate-related hazards and natural disasters, and to integrate climate change measures into policies and planning.

STATISTICALLY SPEAKING

Some eye-watering facts and figures about the impact the UK hospitality sector has on the environment each year:

3 MILLION TONNES
of CO₂ emissions

2.87 MILLION TONNES
of waste, including:

1.3 MILLION TONNES
of food waste which could have been redistributed to address hunger.

38.65 BILLION LITRES
of water - only the agriculture and energy sectors use more.



Combined with the statistics of the global sector, the effects are even more stark:

DEFORESTATION

the industry plays a notable part in deforestation - through expansion of tourist infrastructure.

CARBON EMISSIONS

the sector is a significant contributor to carbon emissions and air pollution, through transportation, energy consumption and waste production.

BIODIVERSITY

the tourism and hospitality industry has a direct impact on coral reefs worldwide, which are threatened by pollution and carbon emissions.

WORKING TO REDUCE OUR ENVIRONMENTAL IMPACT

SUSTAINABLE SOURCING

The hospitality industry can reduce its environmental impact by sourcing materials responsibly and ethically - for example, using renewable energy sources and locally sourced ingredients.

WASTE REDUCTION

Establishments can work towards waste reduction by minimising single use plastics and implementing effective recycling and composting systems. Staff training programmes can help to create a culture of waste reduction and sustainability.

ENERGY EFFICIENCY

Implementing more energy efficient systems, such as LED lighting, solar panels and efficient heating, can significantly reduce energy consumption.



ADMITTING THE URGENCY

As a key player in the UK economy, the hospitality sector is in the enviable position of potentially leading the way for other industries.

ENVIRONMENTAL IMPACT

The sector is responsible for a significant amount of carbon emissions. The waste generated greatly contributes to pollution and landfill use.

ECONOMIC IMPACT

The cost of waste management and emission reduction creates a financial burden for an industry which could otherwise invest in improving employee benefits and customer experience.

PERCEPTUAL IMPACT

The industry's poor environmental record could well dissuade potential customers who are increasingly environmentally savvy and opting for brands who show themselves to be responsible.

We are at a crossroads.

With no time to waste.

We need to act.

