The background of the slide is a photograph of a male equestrian rider on a dark horse. The rider is wearing a red jacket, white breeches, and a blue helmet, and is giving a thumbs up. The horse is adorned with a large garland of blue and yellow flowers. A blue saddle cloth with the EEF logo and "LONGINES EEF SERIES" text is draped over the horse. In the background, there are trees, a white tent, and a crowd of spectators.

European Equestrian Federation Sustainability Webinar

Amanda Curtis

3rd May 2023

Agenda

- Headline global issues
- Sustainability in Sport
 - Impacts
 - Actions
 - Approach
- Q&A discussion

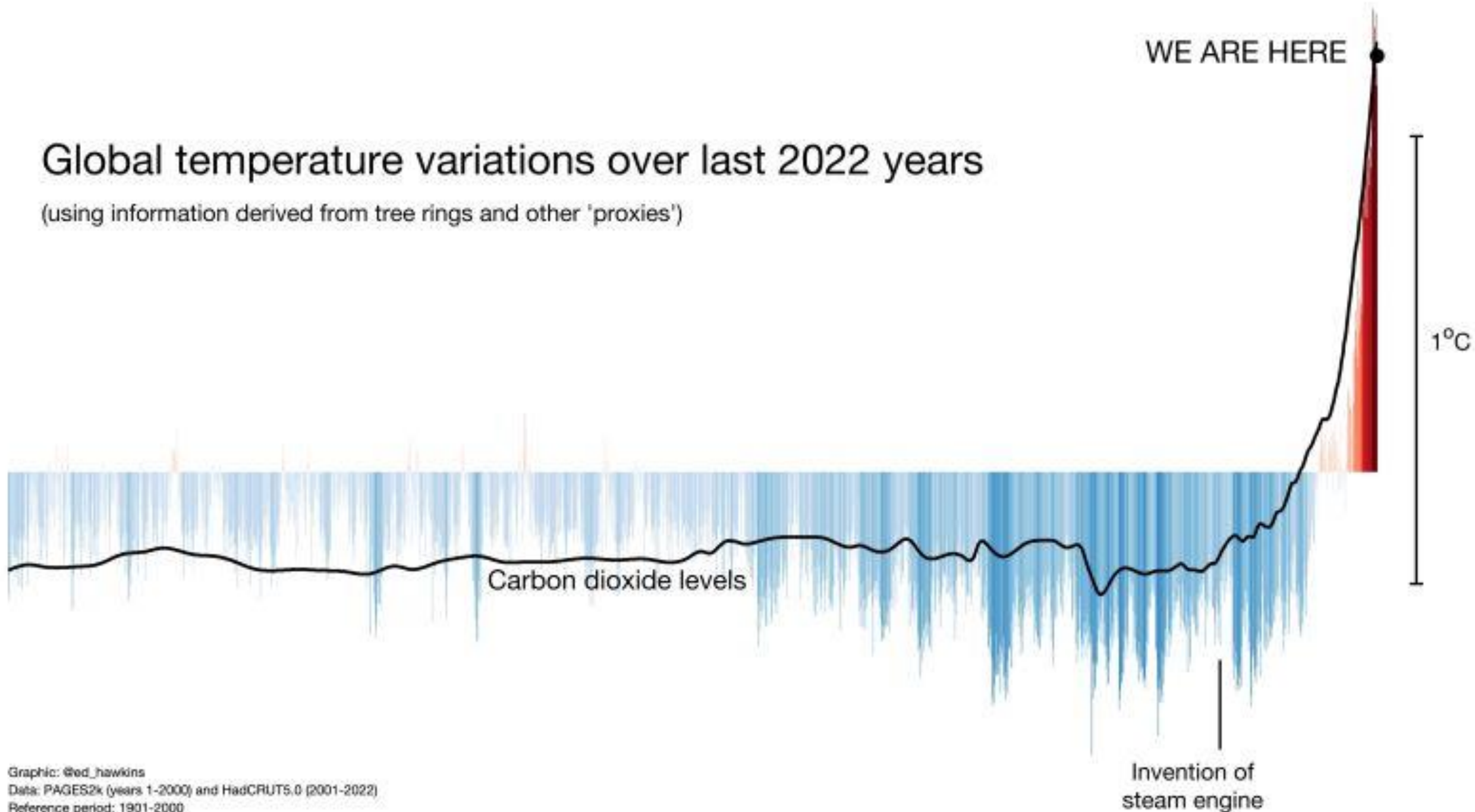




Global context

Global temperature variations over last 2022 years

(using information derived from tree rings and other 'proxies')

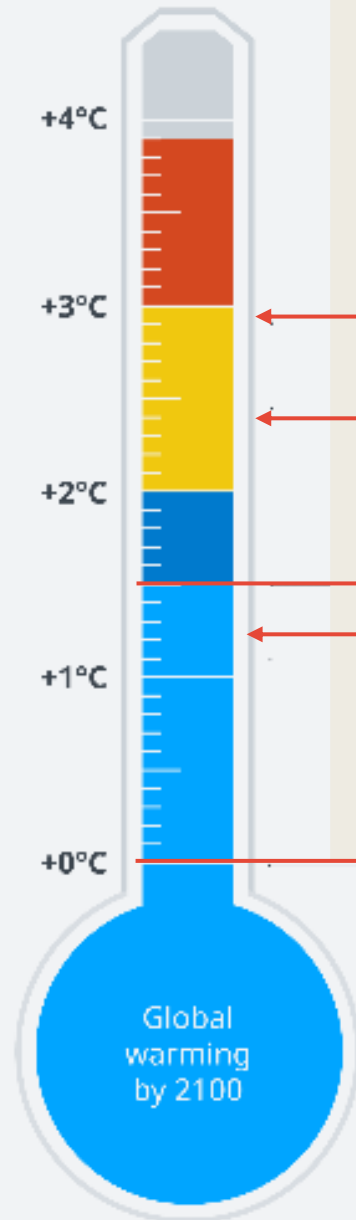


Graphic: @ed_hawkins

Data: PAGES2k (years 1-2000) and HadCRUT5.0 (2001-2022)

Reference period: 1901-2000

Projected global warming by 2100



Business as usual

Earth would warm by 2.4°C if all current pledges & targets are met

Our 1.5°C limit

Earth has already warmed by 1.2°C

Our baseline
= Pre-industrial temperatures

Through the Paris Agreement national governments have committed to limiting global warming to well below 2°C, and to aim to limit it to 1.5°C.

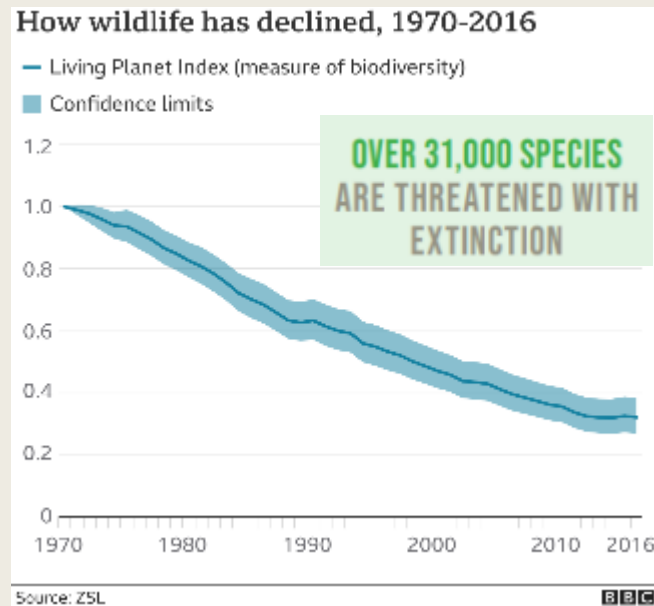
A dramatic scene of a forest fire at night. In the background, a dense forest is engulfed in bright orange and yellow flames, with thick black smoke rising into the dark sky. In the foreground, a golf course is visible with several people. A man in a blue shirt and khaki shorts is in the middle of a golf swing on a green. To his left, two people are standing near a sand trap. To his right, another person is walking, and further right, a man in a black shirt and shorts is standing. The scene is dimly lit by the fire and some ambient light, creating a high-contrast, ominous atmosphere. A large, semi-transparent circular graphic with a white outline is positioned on the right side of the image, partially overlapping the text.

THE DECISIVE DECADE

Its not just about climate – Biodiversity loss



SPECIES DECLINE



DEFORESTATION



LAND USE CHANGE

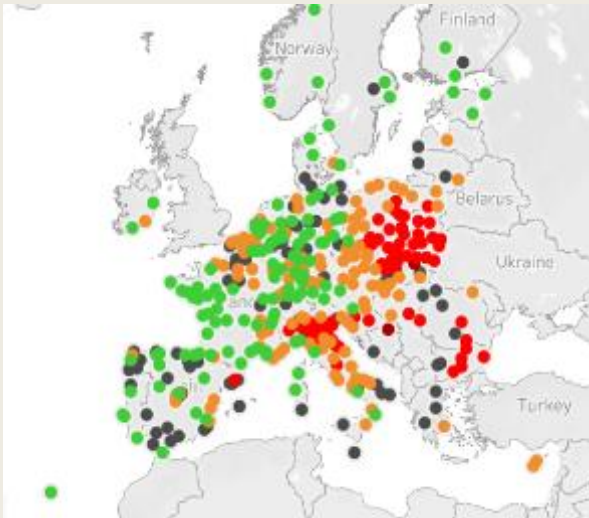


Its not just about climate - Pollution

AIR PARTICULATES

Impact on health

Air in European cities – from the cleanest to the most polluted



PLASTIC WASTE

8.8m tons of plastic waste ends in oceans each year = a rubbish truck filled with plastic being tipped into the sea every minute.



CHEMICALS

Synthetic chemicals such as pesticides, industrial compounds and antibiotics lead to long-lasting and widespread impacts



Where are we now?



WE ARE NOT DOING ENOUGH

- Limiting global warming to 1.5° looks highly unlikely
- We are on track for closer to 2.7° if we continue as we are without more decisive action.

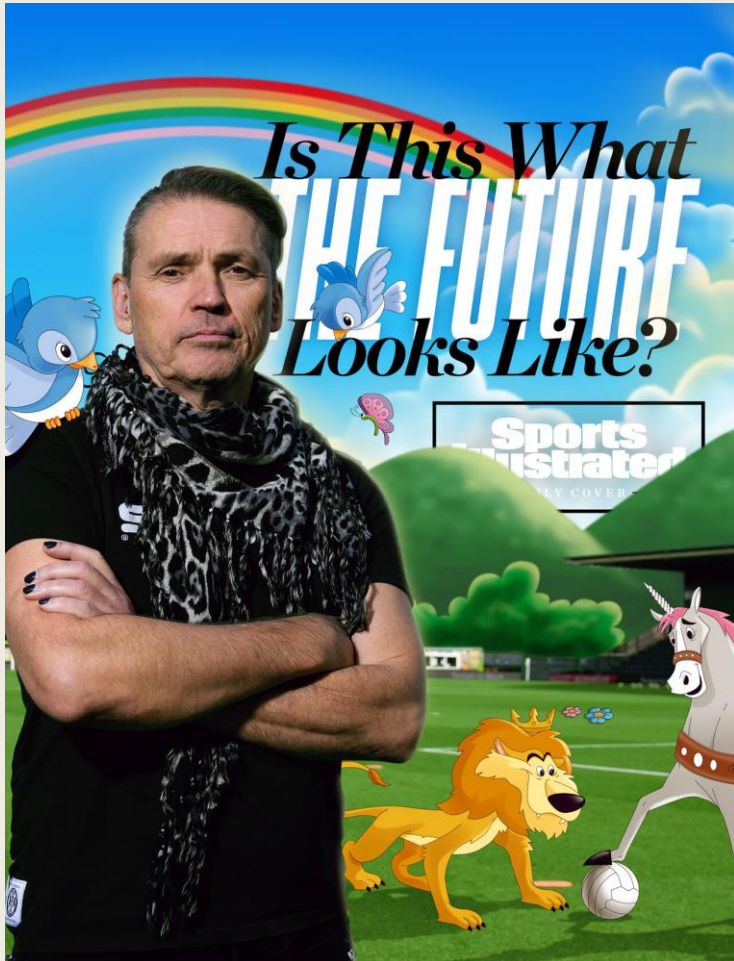
GAP BETWEEN PROMISES & POLICIES

- And policies and intentions and actions
- Countries are not doing enough to outline how they are going to deliver the emissions reductions they have promised
- While people's good intentions around environmentally responsible consumption is not yet translating into action.

HELP PEOPLE MAKE LIFESTYLE CHANGES

- Business must do more to help people make the lifestyle changes required.
- It is best placed to drive a new culture of sustainability and new behaviours through the products and services they offer.

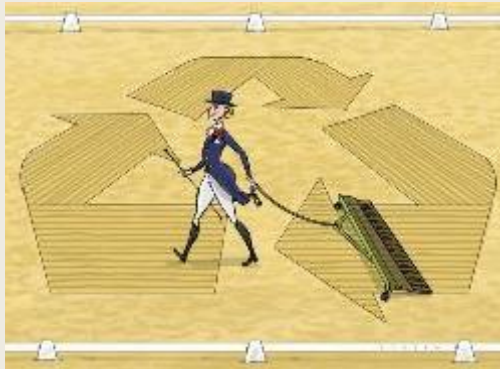
But we could create a future that looks like this



Sustainable equestrian events...



...to greening the yard



“Saving the climate involves huge change, but it could make us much happier at the same time.”

Ida Auken

Danish Member of Parliament and
Global Future Council member



Question

Do you address sustainable practice in your organization, and if yes, how long?

- A) Not yet
- B) We are thinking about measures
- C) Yes, 1-3 years
- D) Yes, more than 3 years



SUSTAINABILITY & SPORT

Impacts

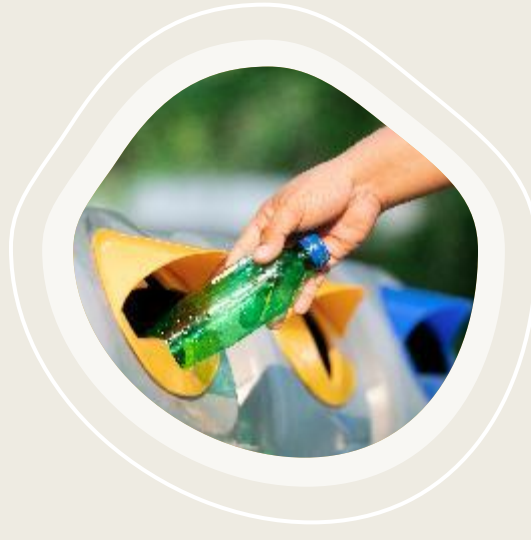
Key impact areas of sport activities



TRAVEL

E.g. Spectators, riders, sponsors, media & entourage

Carbon emissions, air pollution



INFRASTRUCTURE

E.g. overlay build, signage, energy, water

Carbon emissions, materials/resource use & waste



PRODUCTS & SERVICES

E.g. Food, kit, merchandise, IT

Carbon emissions, materials/resource use, waste, human rights, labour standards



HOSTING CITY & COMMUNITY

E.g. disruption (transport, noise)

Air pollution, noise

Legacy, employment **15**

Kilograms of CO2e per passenger km



Emissions are per passenger. Car is based on two people in the vehicle. Flight is short haul.



Runner says no to competing for GB in Australia over flight climate concerns

Teenage athlete asks not to be considered for world cross country championships because of impact of air travel



❖ Innes Fitzgerald competing at the European cross country championships in Italy; she travelled there by coach and train. Photograph: Sam Barnes/Sportsfile/Getty Images

Beijing 2022: No snow at the Winter Olympics? You'd better get used to it

Climate change is making winter sports increasingly unviable – but the industry prefers the fig leaf of social responsibility to meaningful change

[Royal Society](#)

28 January 2022, 12:00am



Sebastian Vettel reveals climate crisis fears influenced his F1 retirement

- Four-time world champion to quit at end of the season
- Vettel cites worry about 'burning resources' as factor



English athlete skips Worlds over carbon footprint

🕒 1 month ago



Skiers urge sport's governing body to act over climate crisis and lack of snow

Leading athletes call on International Ski and Snowboard Federation to overhaul sustainability strategy



LAST UPDATED 9th August 2021 08:12:07

Climate Change Effects On Sports 'alarming' Warns World Athletics Chief Sebastian Coe

Speaking on the final day of the Olympics, Coe asserted that climate change will also affect sports bodies and eventually lead them to rethink their calendars.

Written By Shioan Prabhu



Creating the Greenest Football Club in the World Forest Green Rovers | United Kingdom.



The athletes going to extreme lengths to highlight climate change

A sponsorship deal with Shell – what was British Cycling thinking?

Britain deserves far better than what the current British Cycling board is delivering, writes Donnacha McCarthy



3 days ago • 12 Comments



Impact on sport

Performance & welfare



- Heat exhaustion
- Dehydration

Disrupted schedules



- Flooding/hard ground conditions
- Extreme temperatures
- Weather events

Selection



- Based on ability to perform in extreme conditions

Investment



- Sponsors

Why sports win from being sustainable (EUFA)



SHAPE YOUR FUTURE

Environmental impact is changing our planet and sport stakeholders are directly affected. Adaptation and risk mitigation are key for the sports industry.



BECOME A TRUSTED PARTNER

Being sustainable and purposeful is crucial for any sports organisation hoping to remain a trusted partner for local communities and global partners in the future.



GENERATE REVENUES AND REDUCE COSTS

The sports industry can benefit financially from being more sustainable. When integrated properly, sustainable practices can strengthen stakeholders' business operations and sponsorship opportunities.



DRIVE INNOVATION AND ENGAGEMENT

Sustainability solutions drive innovation in infrastructure/operations and serve as catalysts to drive engagement with athletes, fans, partners, youth and local communities.

Power of sport to influence change

Social platform



- All geographical areas and social backgrounds
- Broad spectrum of individuals - spectators, practitioners, investors

Education



- Promotion of healthy sustainable lifestyle

Lobbying



- Advocates
- Campaigns

Role models



- Modern day influencers

Question

Do you feel pressure to integrate sustainable practices into sport activities?

- A) Yes, from the public
- B) Yes, from the government
- C) Yes, from sponsors
- D) Yes, from members / riders
- E) Yes, I believe it is important
- F) No / not applicable



Sport and Sustainability

Actions

International level



UN SPORTS FOR CLIMATE ACTION (UNSCA)

- Launched 2016 - FEI is a signatory (+ NOC Denmark, UEFA, European Rugby, European Broadcasting Union)
- **50% reduction in emissions by 2030;
Net zero by 2040**
- Sports specific framework for action:
 1. Undertake systematic efforts to promote greater environmental responsibility;
 2. Reduce overall climate impact;
 3. Educate for climate action;
 4. Promote sustainable and responsible consumption;
 5. Advocate for climate action through communication.

INTERNATIONAL OLYMPIC COMMITTEE

- Sustainability Strategy: Strategic Intent for 2030
'By 2030 to move beyond carbon neutrality and make the games carbon negative'
- Reduction of both direct and indirect greenhouse gas emissions for operations and events associated with the Olympic Movement's activities
- An adaptation to the consequences of climate change in the planning of sport facilities and events.
- Commitment to climate action is a requirement for candidate cities to host the Olympic Games.

International & European Examples

1. Lead by example – own operations
2. Support – managed events & athletes
3. Inspire, educate & communicate



EUFA



ATP



WORLD SAILING



Best practice at venues & events



FOREST GREEN ROVERS

World's 1st carbon free team
Vegan
100% renewable energy &
rainwater harvesting

Building new carbon-free wooden
stadium



FIA FORMULA E

ISO 20121 Sustainable Event
Management System

New sustainable branding and
trackside signage at race events



ROLAND-GARROS

1ST International event in France to
get ISO 20121

100% renewable energy & flexible
solar panels trials

Modern greenhouse with City of
Paris

Increase open ground to increase
biodiversity



GREEN DRIVE EUROPEAN TOUR VENUES

Irrigation control efficiencies (inc.
training centres) (Italy)

Increase biodiversity

Sheep instead of pesticides &
irrigation (Scotland)

Best practice at venues & events



HELSINKI HORSE SHOW

Energy – manure to run energy for the show week

Reusable materials – ringside boards, cups (grooms & volunteers)

Tap water only, electric vehicles

Social media engagement - QR codes not paper, public transport



LONDON 2012

Field of play - recycled horse shoes

Temporary overlay

Protected trees & biodiversity



LONDON HORSE SHOW

Excel – renewable energy

80% seasonal produce & no flying

Food waste donated

Commercial wormery

Manure sent to local farms



ROTTERDAM

Rabobank – Brasserie 2050 concept

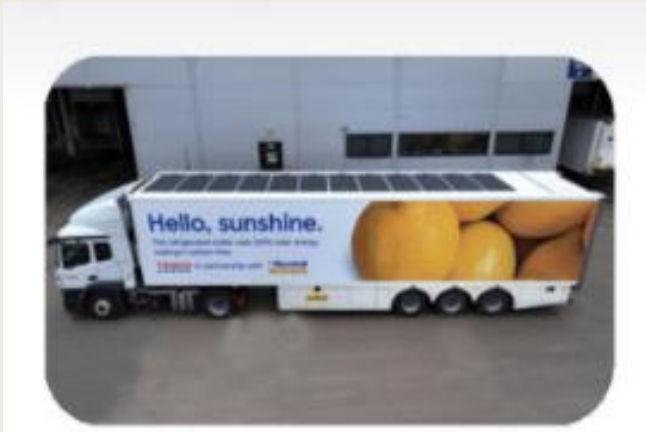
European Championships
Jumping, Dressage and Para-
dressage in Rotterdam (Aug
2019)

<https://www.euronews.com/green/2022/12/29/how-sailing-is-being-reborn-as-a-sustainable-sport>

Innovations



SMART LOGISTICS



- Sustainable aviation fuel
- Competition schedule planning
- Cloud technology – Sail GP

SPORTS EQUIPMENT

- Carbon fibre - consortium
- Sustainable fuel – Formula 1
- Cricket balls, bats and clothing



IMPACT LEAGUE



- Incentivised teams to reduce their carbon footprint

Question

Where do you see the greatest urgency to act?

- A) Reducing CO2 and other emissions (climate)
- B) Reducing waste
- C) Protecting human rights (equality, diversity and inclusion)
- D) Mental wellbeing
- E) Water reduction
- F) Other

The background of the slide features a series of vertical stripes in various shades of blue and red. A large, semi-transparent white circle is positioned on the right side of the slide, partially overlapping the stripes.

Sport and Sustainability

Key steps for action

UN Sports for Climate Action

PLEDGE

Commitment by the head of the organization to adopt the targets – net zero by 2040.

PLAN

To help facilitate action.

PROCEED

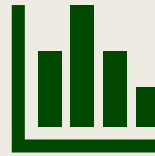
All signatories are requested to take immediate action toward their climate goals, reflecting the urgency of rapid emissions reductions.

REPORT

For credibility of commitments and to maintain signatory status, all signatories are to submit annual public reporting from 2021 onwards.



APPROACH - PLANNING



DEFINE SCOPE

Review current operations

What is direct control and influence?

ASSESS

Assess impacts of operations

Are you managing any impacts?

MEASURE

Collate data for baseline year

Calculate footprint

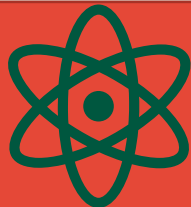
SET TARGETS

Vision

Agree indicative* targets

ACTION PLAN

Create action plan to reduce emissions in line with Strategy



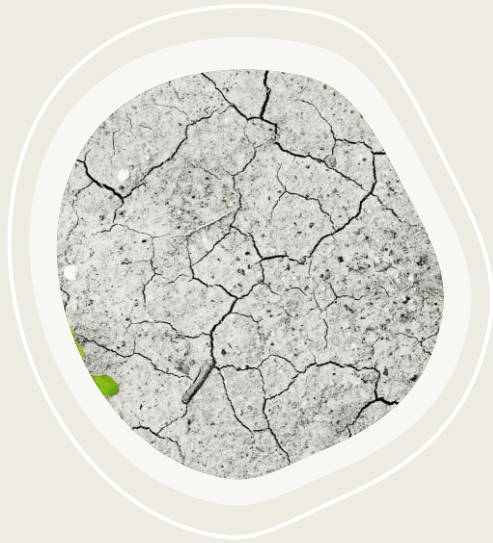
GOVERNANCE

FINANCE, COMMUNICATE, ADVOCATE

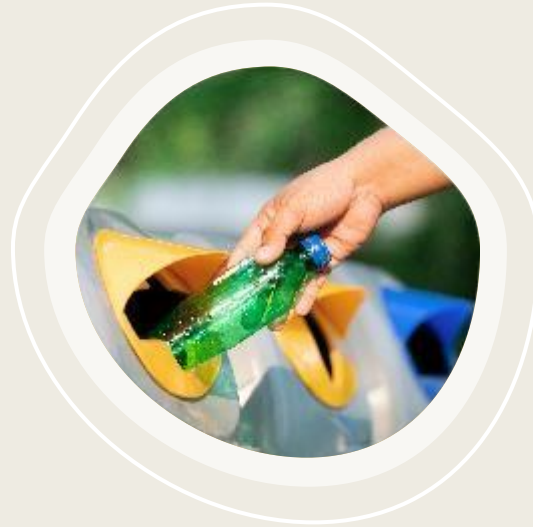
DEFINE SCOPE



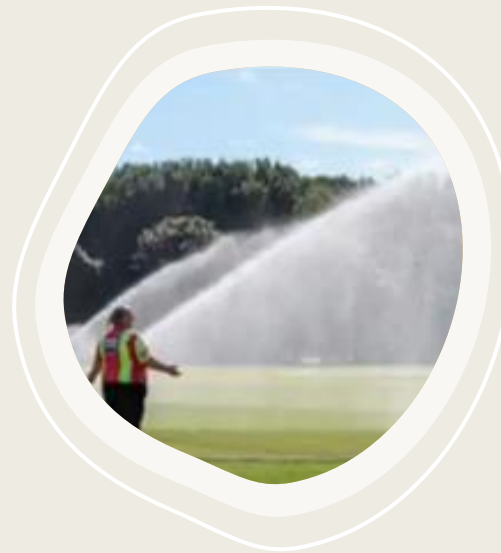
ASSESS IMPACTS, RISK AND VULNERABILITIES



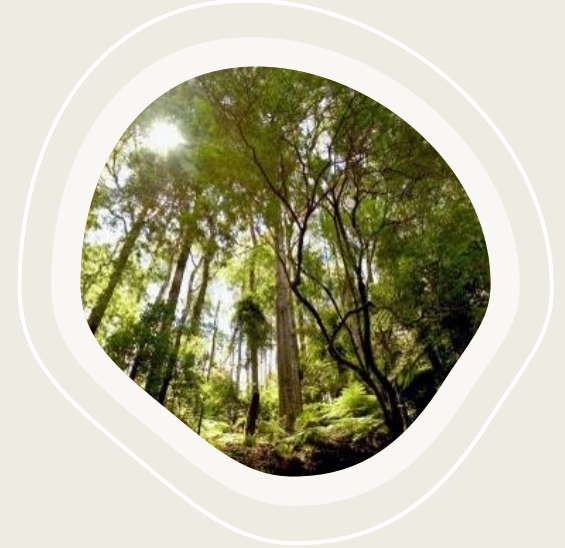
**Carbon
emissions**



Waste

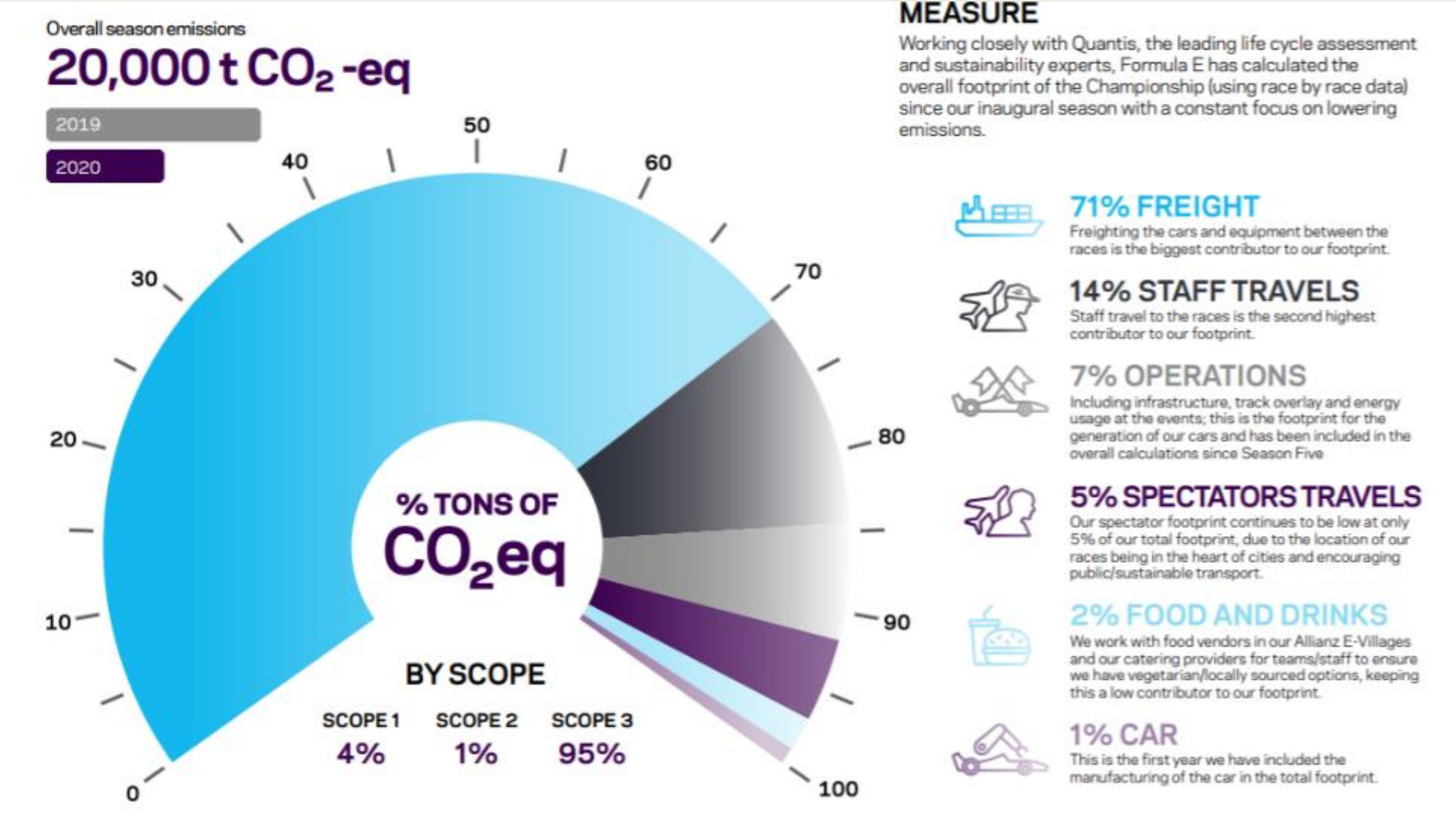


Water



Biodiversity

MEASURE



SET TARGETS

GLOBAL

Paris Agreement

To limit global warming to well below 2°C (1.5°C)



INDUSTRY

UN Sports for Climate Action

Benchmark

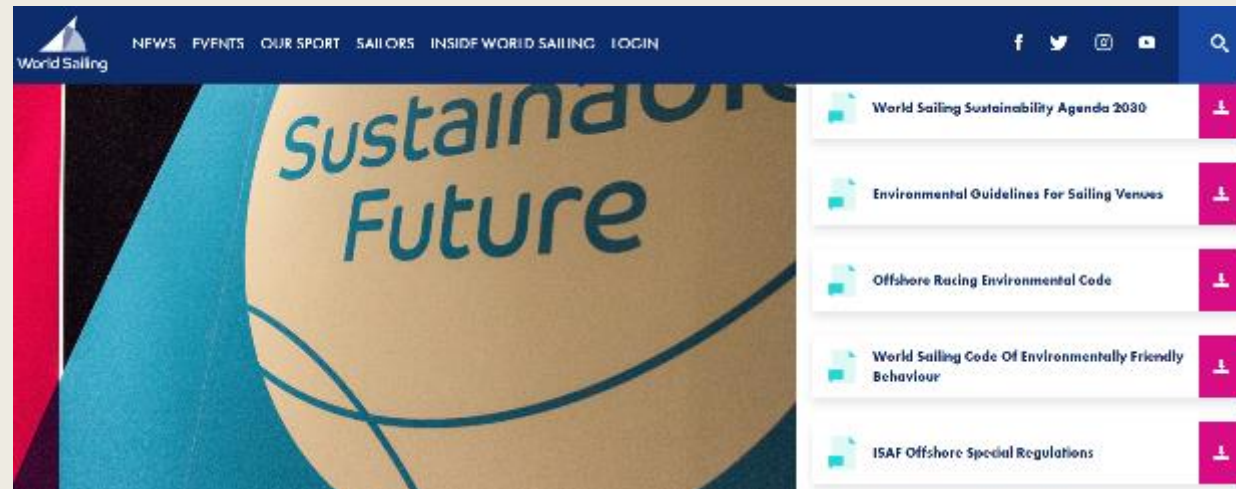
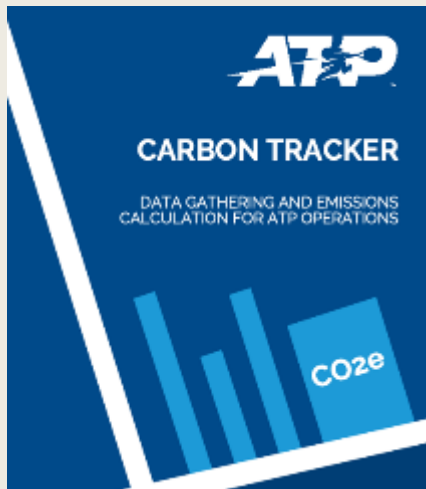


EEF

EEF Strategy & Commitments

ACTION PLAN

1. Lead by example – own operations
2. Support – managed events & athletes
3. Inspire, educate & communicate



GOVERNANCE

- FINANCE



RESOURCES

- Time
- People
- Money

INVESTMENT

- Sponsorships
- Ticketing



GOVERNANCE

- ADVOCATE & COMMUNICATE

INSPIRE

Premier League Sustainability Rankings

Rank	Club	Score
1	Tottenham Hotspur	21
2	Arsenal	20
2	Brighton & Hove Albion	20
2	Manchester United	20
3	Manchester City	19
4	Southampton	18
5	Liverpool	17

Sustainability Schemes



EDUCATE



ENGAGE

Website content highlights:

- Quiz: Test your sustainability knowledge** (Monday 14 May 2021)
- Roland-Garros celebrates World Environment Day** (Friday 4 June 2021)
- Roland-Garros 2020: Sports for Climate Action** (Friday 3 October 2020)



Summary

- Climate change is one of the most pressing issues of our time alongside biodiversity loss and pollution
- Sport plays an important role as part of the solution
- Sport is a key social platform that can reach and influence millions to raise awareness, promote a positive culture & champion action
- Sport sector can contribute to tackle climate change by reducing its environmental footprint – target, measure, act.





Q & A

Discussion



Thank You

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www.acsfutures.com

