

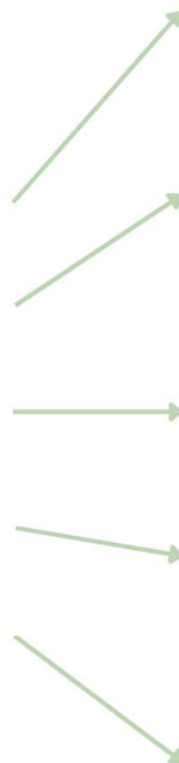
Environmental sustainability in the global horseracing industry



WHITE GRIFFIN
projects that change the game



Environmental sustainability in the British Horseracing industry



Industrywide questionnaire



50+ hours of interviews & site visits



120+ page report & summary insights



Specific risks challenges & opportunities



Recommendations & next steps

Risks, challenges and opportunities



- 1 Fossil fuels and greenhouse gas emissions
- 2 Water availability and extreme weather
- 3 Biodiversity and land use
- 4 Waste and recycling
- 5 Commercial partnerships and the supply chain
- 6 Reputation management and social responsibility

Fossil fuels and greenhouse gas emissions



Extreme weather



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Five meetings cancelled in Britain due to extreme heat warning

Fri 15 Jul 2022

'The whole stable went under' - floods wreak havoc on Australia's east coast

1 of 1

UPDATED 11:48AM, FEB 28 2022



Flooded stables in Eagle Farm, Brisbane, Australia

'I sat here last night and had a quiet glass of red wine on my own looking at my flooded stables, it was bizarre.'

Related stories

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Cork forced to cancel Sunday fixture after heavy flooding

"There's quite a lot of water from the last fence past the winning post, around into the...



Poor Air Quality Forces Golden Gate to Cancel Racing

Devastating fires in Northern California have blanketed the region in smoke.

By Jeremy Balan | November 16, 2018



Smoke from fires burning about 50 miles from the racetrack.

Japan: Earthquake Closes Fukushima Racecourse, Upcoming Race Dates Canceled

by Paullick Report Staff | 03.18.2022 | 11:04am

THE Sun NEWS MONEY HEALTH DEAR DEIDRE

Horse Racing

NEIGH BOTHER Horse racing decimated with meetings across Great Britain axed next week as record temperatures soar to 40C

Sam Morgan
16:28, 15 Jul 2022 | Updated: 16:47, 15 Jul 2022



DevonLive NEWS DISC

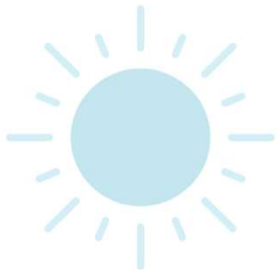
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News Devon News Newton Abbot

Anti-horseracing rally in Devon amid heatwave fears

Newton Abbot Racecourse has assured horses will not race if it is deemed not suitable to do so this Sunday

Impacts within horse racing



In July the BHA announced the abandonment of horse racing due to the heatwave. Criticism came in the coming weeks for fixtures not subsequently cancelled

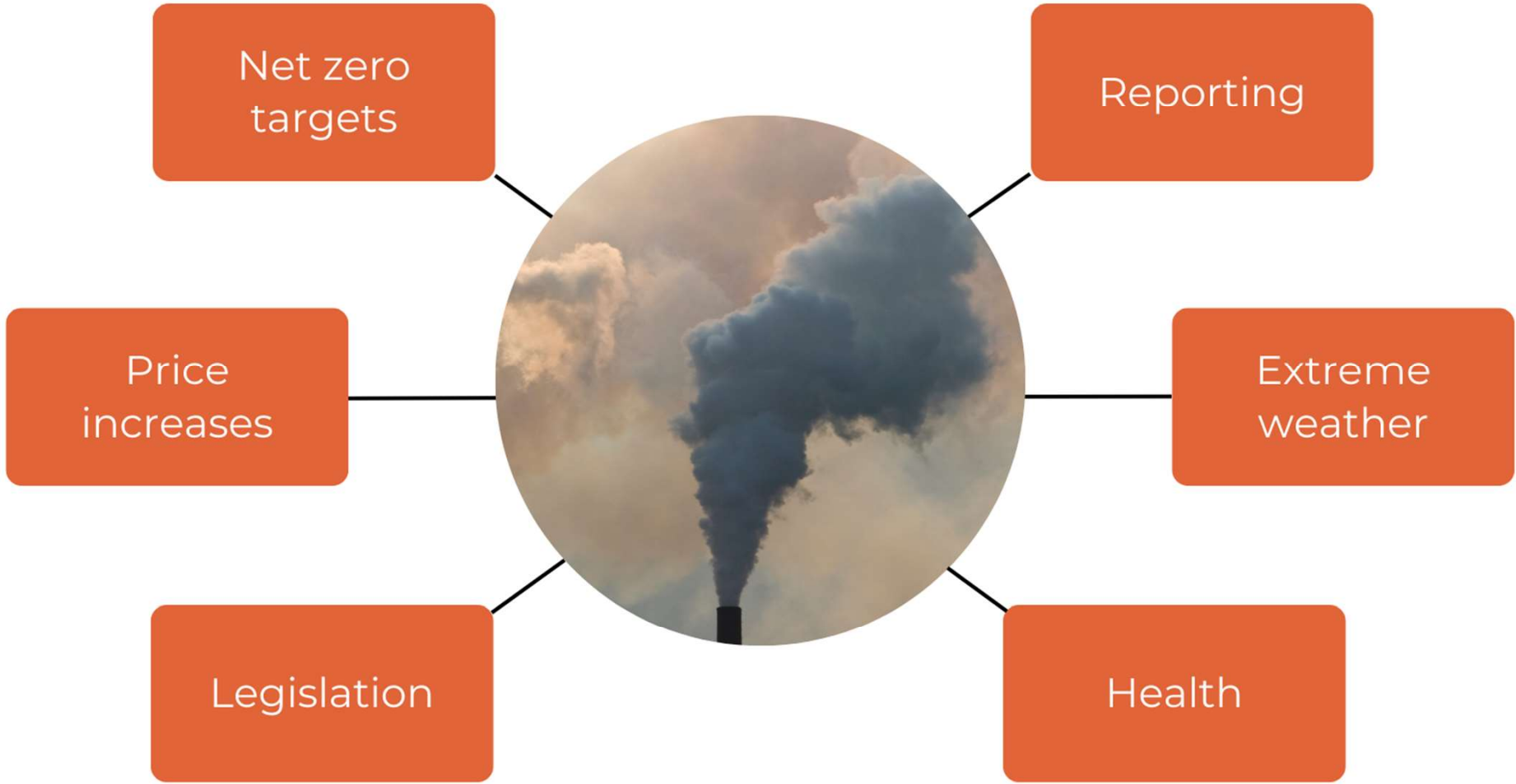


Equine welfare will become increasingly concerning regarding biosecurity with the predicted migration of vectors north, as well as spikes in temperature causing heatstroke and other risks



The UK Government is already proposing air conditioning requirements for travel in temperatures warmer than 30°C. With Met Office predicting 40°C now 10x more likely.

Fossil fuels and greenhouse gas emissions



Usage within horseracing



Horse
transportation

Transporting horses for racing, training and breeding purposes



Human
transportation

Jockeys, valets, vets, Race Tech, staff, ticket holders etc.



Energy for
infrastructure

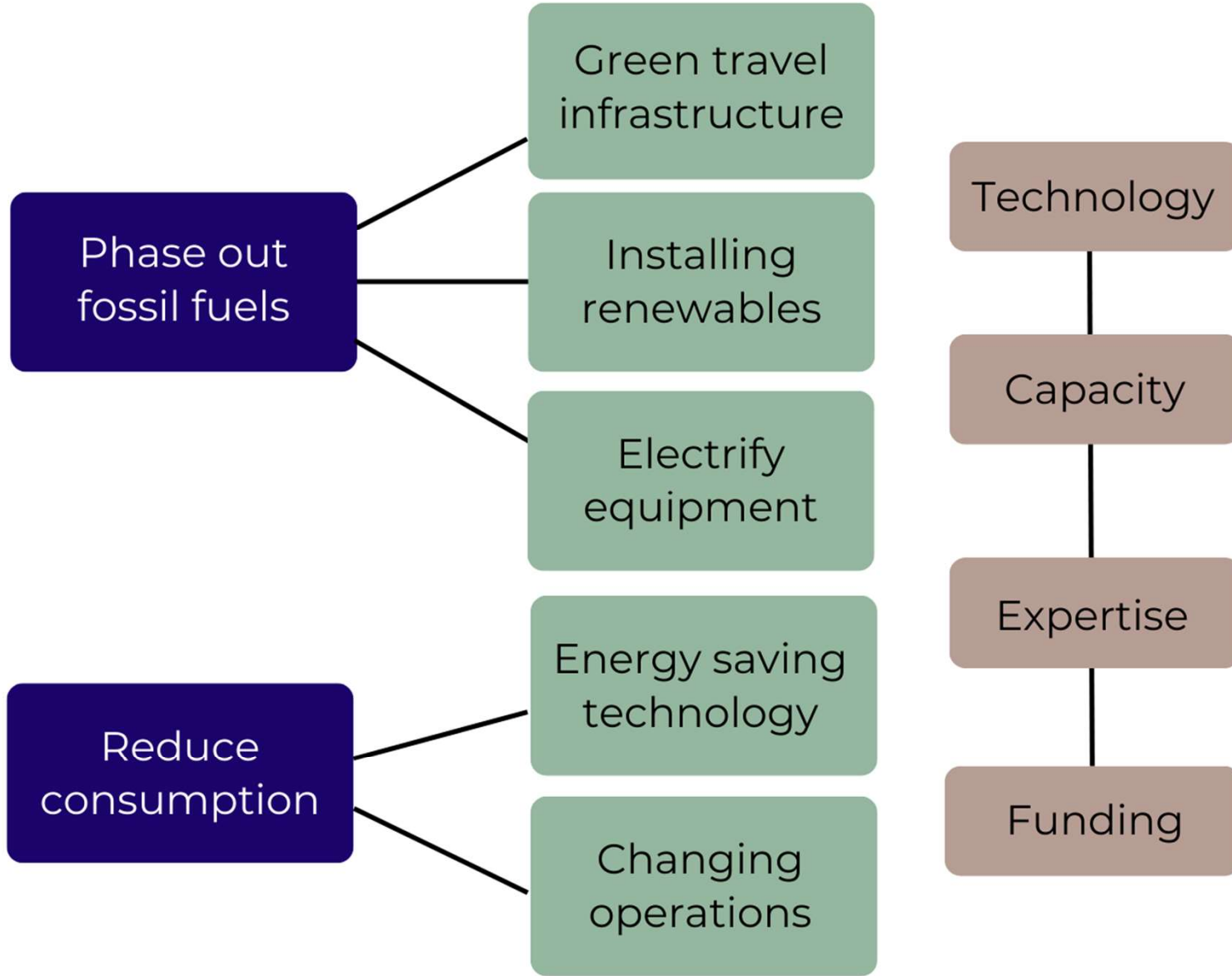
Offices, buildings etc.



Machinery
& equipment

Strimmers, buggies, farm vehicles etc as well as generators

Fossil fuels and greenhouse gas emissions



Recommendations

01

COLLECTIVE
AGREEMENT,
STRATEGY & GOALS



02

INTRODUCE
MEASURING,
MONITORING AND
REPORTING



03

CALCULATE &
BASELINE CARBON
FOOTPRINT, SET
TARGETS, REVIEW
INFRASTRUCTURE



04

CARBON
OFFSETTING



Water availability





How Europe's drought is making Britain's energy crisis worse

Published: September 9, 2022 3:33pm BST

Planetary summer: Why Europe may have reached a point of no return on prolonged droughts, heatwaves

Droughts are becoming a new reality for Europe, latest scientific projections suggest

CLIMATE CHANGE

By [author]

Twitter Facebook LinkedIn

B.C.'s hot, dry September broke several records — and October's starting the same way

British Columbia

f t e r in

Drought preparations forgotten as heavy rainfall goes to waste, western NSW leaders say

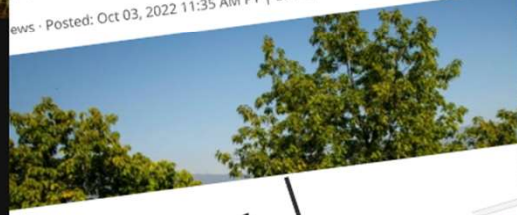
ABC Western Plains / By Lucy Thackray
Posted Fri 23 Sep 2022 at 10:25pm, updated Fri 23 Sep 2022 at 10:30pm

'The American lawn feels irresponsible': the LA homes ditching grass for drought-friendly gardens

America's dirty divide

With water a precious commodity in California, residents are turning to native plants - saving money without sacrificing beauty

by [Lois Beckett](#) in Los Angeles



Victoria had its driest September on record since 1898
News - Posted: Oct 03, 2022 11:35 AM PT | Last Updated: October 3

Megadrought in the American southwest: a climate disaster unseen in 1,200 years

Our unequal earth
Climate crisis

Supported by
11th Hour Project
The National Climate Foundation

About this content
Annette McGivney in Cortez, Colorado
Mon 12 Sep 2022 11:00 BST

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Racing waits for fallout as drought is declared in eight English regions

Drought

Thousands of salmon found dead as Canada drought dries out river

A lack of rain on the western coasts saw 65,000 dead salmon wash up on the creek



French climate activists are filling golf holes with cement - here's why

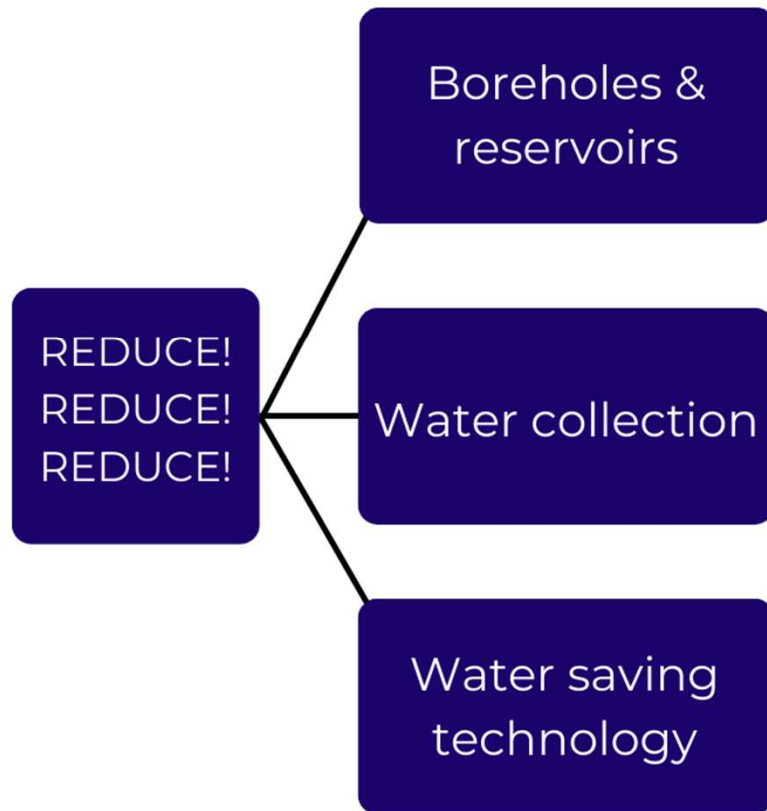
Members of the Toulouse branch of Extinction Rebellion snuck into two courses last week as sport escaped drought restrictions

By Vivian Song IN PARIS

14 August 2022 • 3:04pm



Industry activity & barriers to progress



- Cost of infrastructure changes
- Specialist knowledge
- Site specific restrictions
- Water extraction rules
- Awareness of the problem

Recommendations

01

STUDY INTO WATER
SUPPLY & USAGE AT
VENUES



02

CREATE A RAG LIST
WITH
INFRASTRUCTURE
REQUIREMENTS



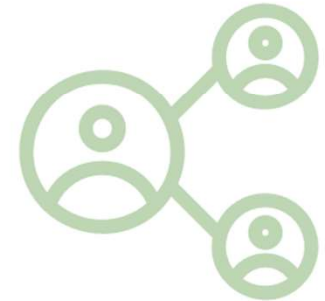
03

CONDUCT FURTHER
RESEARCH INTO
EXTREME WEATHER
IMPACTS



04

CENTRALISED
APPROACH TO
SUPPORT
VULNERABLE &
SHARE BEST
PRACTICE



Waste and recycling



Impacts within horse racing



Businesses across the industry produce a range of **general waste** from plastics to paper, food waste and large items.

Waste presents a **reputational, operational and financial risk** to the industry



There is an estimated **160 miles of white plastic running rail** in use across racecourses alone. This has a lifetime of around 15 years, and often cannot be recycled. Similarly, **padded hurdles** are sent to landfill or incinerated.



Horses produce on average **50 pounds of manure each day**. The storage and removal of equine waste materials presents operational and financial challenges for racecourses, yards and studs.

Recommendations

01

TAKE A CENTRALISED
APPROACH TO AVOID
DUPLICATION AND
CONFUSION

02

CENTRALISE
NEGOTIATIONS TO
MINIMISE WASTE AND
SHAPE LIFECYCLE

03

UTILISE THE WASTE
MANAGEMENT
HIERARCHY AND
CIRCULAR ECONOMY

04

SEGREGATE
WASTE ON SITE

05

PHASE OUT SINGLE USE
PLASTICS
THROUGHOUT

06

USE RESOURCES LIKE
LETSRECYCLE, WRAP AND
KICK PLASTICS OUT OF SPORT

Commercial partnerships & the supply chain



Reputation management & social responsibility

- Businesses are aligning themselves with brands who have published environmental strategies - mirroring their brand values and supporting their net zero targets
- Risk to the supply chain leading to scarcity and price increases
- Requirement for suppliers to re-engineer products to meet with legislative change and reputational pressure
- Consumer and staff pressure is impacting reputation, retention, recruitment and per head spending

1
3

A third of UK businesses now have a published environmental sustainability strategy.



Consumers planning to purchase goods and services from environmental businesses



Environment is 'very important'



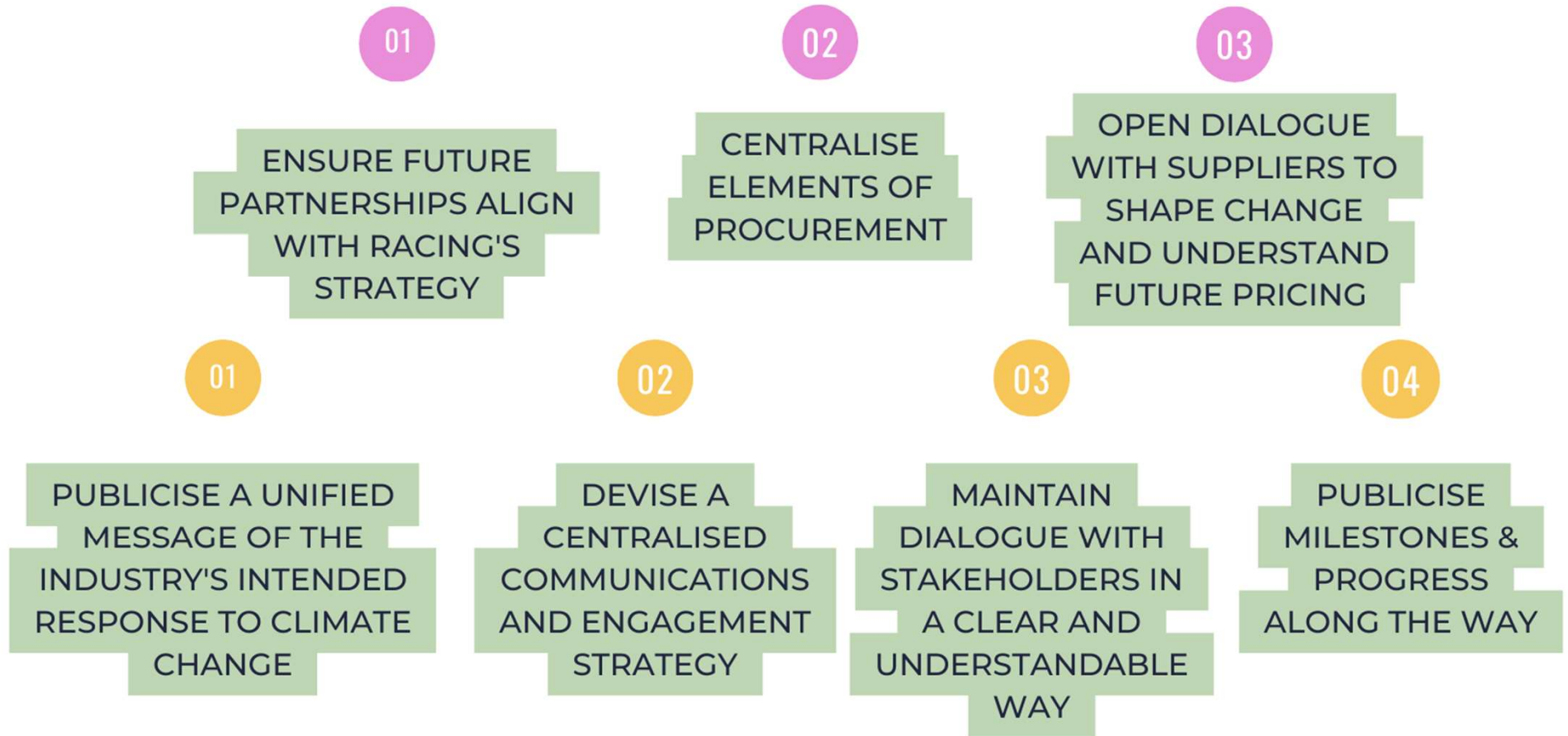
Actively seek sustainable business credentials and feel more passionate about work when it aligns to their values

Environment related risks specific to gambling

- Anything that impacts the ability of horse racing to go ahead, impacts gambling
- Reduction in equine travel reduces the quality of the field for gambling
- Reduction in horses competing due to ground conditions/extreme weather affects the field for gambling



Recommendations



Biodiversity and land use



Usage within horseracing



Racecourses

The land on which horses are raced



Gallops & paddocks

The land on which horses are bred, trained and cared for



Feed & bedding

The supplies required for equine care.



Catering

Catering at venues throughout the industry

Impacts within horse racing



“Collectively, equines graze a huge amount of land, which makes horse owners – knowingly or not – significant environmental stewards of our precious countryside, so small changes really can make big differences,”

~Roly Owers, CEO World Horse Welfare

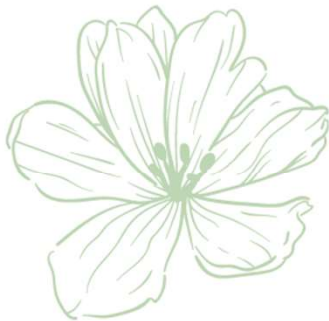


Pesticides are vital for turf management, supporting grass growth and repair. They are also crucial in mitigating damage from bugs, with infestations damaging turf and causing fixture cancellation.

Recommendations

01

AGREE A COLLECTIVE
APPROACH TO
PROMOTING
BIODIVERSITY



02

CREATE
CENTRALISED
MATERIAL TO BUILD
KNOWLEDGE



03

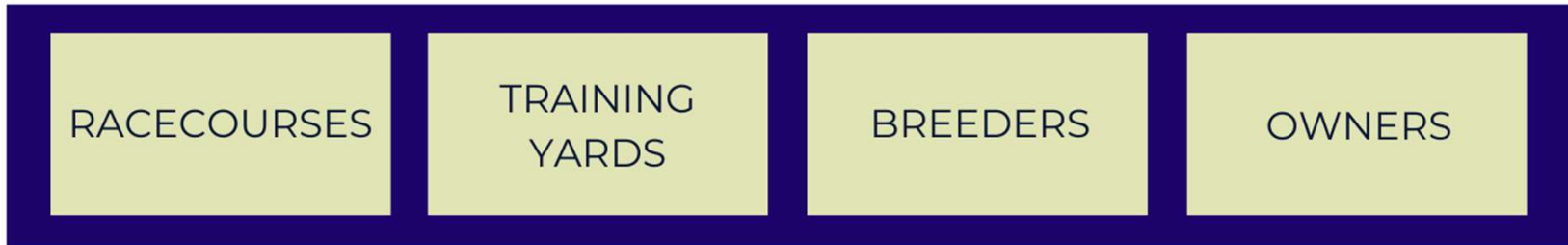
PROVIDE ACCESS
TO POTENTIAL
FUNDING
OPPORTUNITIES



04

ALIGN WITH UK
GOVERNMENT
TARGETS AND
FUNDING







WHITE GRIFFIN
projects that change the game