

Golf Course 2030

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28 November 2019



	THE R&A	RULES	CHAMPIONSHIPS	HERITAGE	WAGR™	SUSTAINABILITY	SHOP
	ABOUT	NATURE	COMMUNITIES	RESOURCES	SERVICES	GOLFCOURSE 2030	
Contact Us	Overview	What Golfers Want	Golf and Your Community	Generating Income	Greenkeeping Scholarships	Overview	
Apps	Downloads	Working With Nature	Preventing Pollution	Managing Personnel	On Course	Priority Issues	
Event Calendar	News	Designing Your Course	Meeting Energy Needs	Using Water Efficiently		Working Party	
Free Downloads		Managing for Healthy Grass	Managing Waste	Using Chemicals Responsibly		Action Plans	
Newsletter Sign Up		Planning for Climate Change		Using Materials			
		Assessing Progress		Optimising Machinery			



SUSTAINABILITY

The R&A considers sustainability to be a key priority for golf, and an important element of the sport's contribution to wider society and the effect the game has on nature and resources, delivered by enduring businesses which provide a positive sporting, environmental and social legacy for future generations. The R&A strongly advocates sustainability across the nature, communities and resources agenda. To be considered sustainable, the golf operation (be that a new development, existing facility or golf tournament) should protect nature, benefit communities and conserve resources.

Sustainability for golf is relevant to where we play and what we play on. Golf and golf facilities can also offer much to people who don't play the sport. Building and managing the courses on which we play golf and on which we host golf tournaments impacts on nature, communities and resources. Everyone involved in golf should do their best to ensure that these are positive impacts, whilst providing a great golf experience.

Did you know?

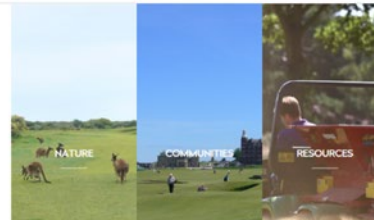
Selecting the right grass can reduce resource inputs by 50% or more.

NATURE, COMMUNITIES, RESOURCES

The sustainability agenda for golf can be described under these three headings.

Nature reflects the environment in which golf is played; its impact on the sport and the sport's impact on the natural world.

Communities concerns how golf can benefit the people that live close to a golf facility, and the interaction between golf and its neighbours.

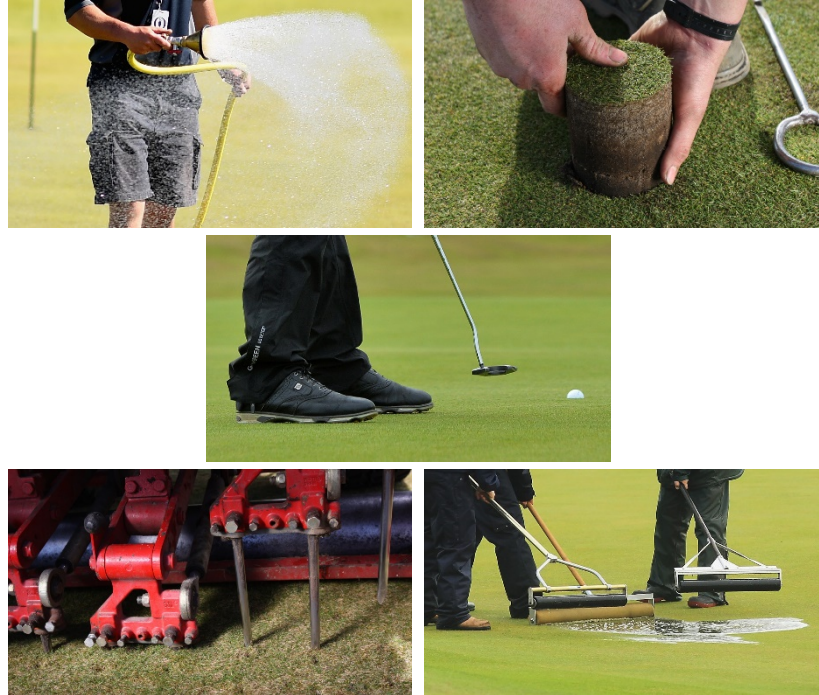


2019



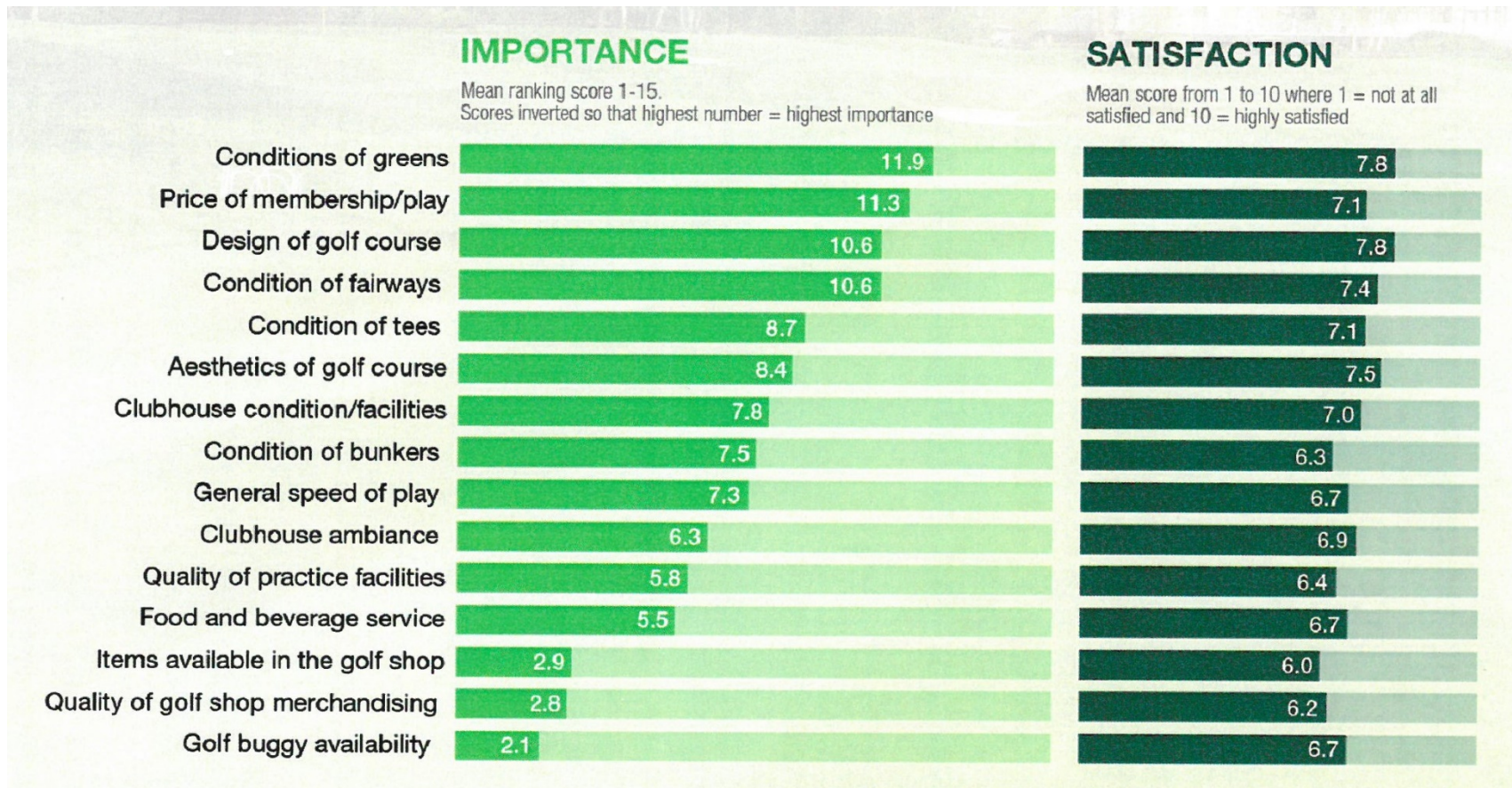
- The Open
- Rules Modernisation
- Distance Insights
- Women's Golf Charter
- Golf and Health
- OnCourse®
- Greenkeeper education
- Golf Course 2030

GOLF COURSE 2030



An industry roadmap addressing challenges from, and taking opportunities presented by, the changing climate, resource constraints and regulation to secure optimal golf course condition and playability for current and future generations

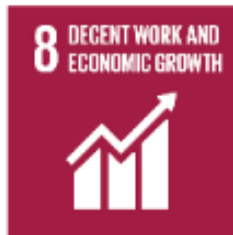
Why course condition and playability?



Why 2030?

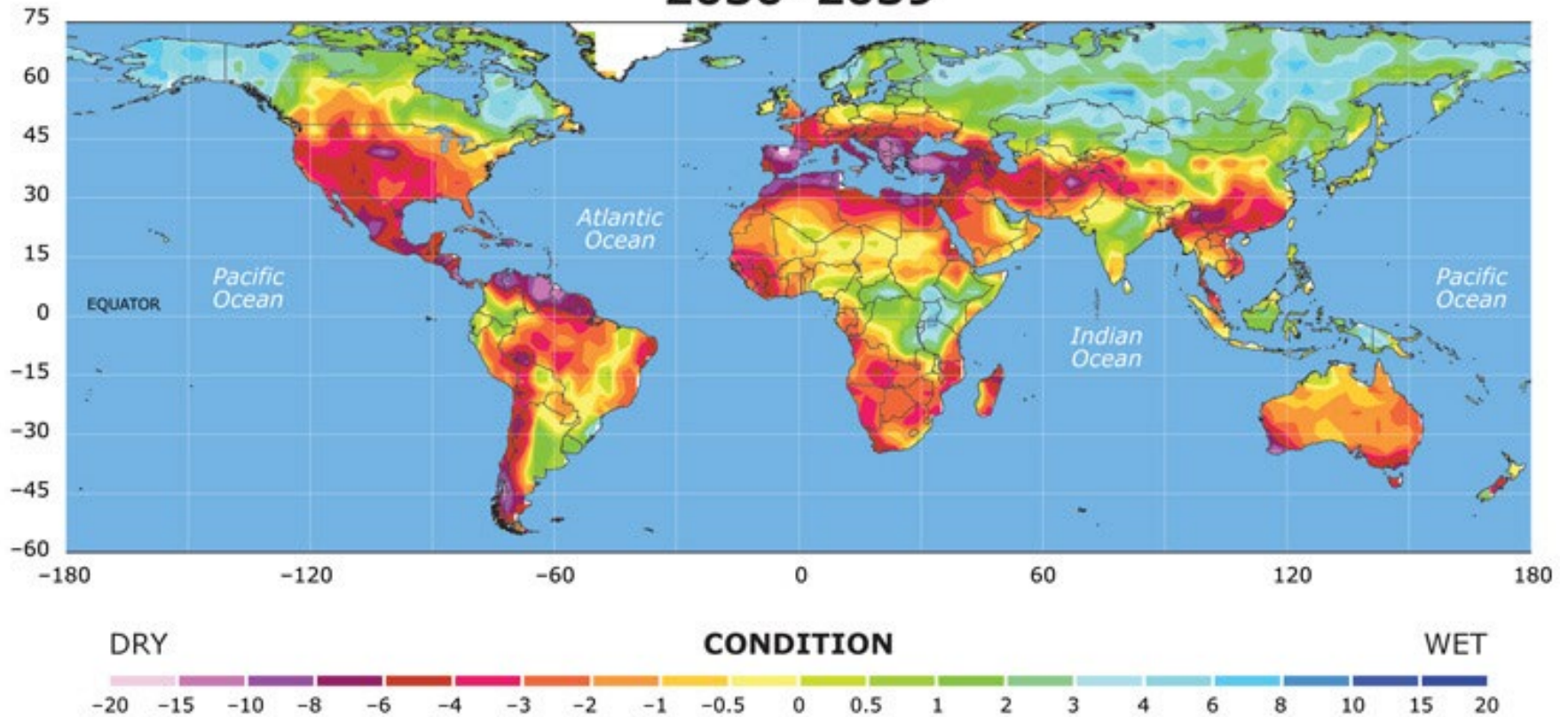


SUSTAINABLE DEVELOPMENT GOALS



Changing climate and weather patterns

2030–2039



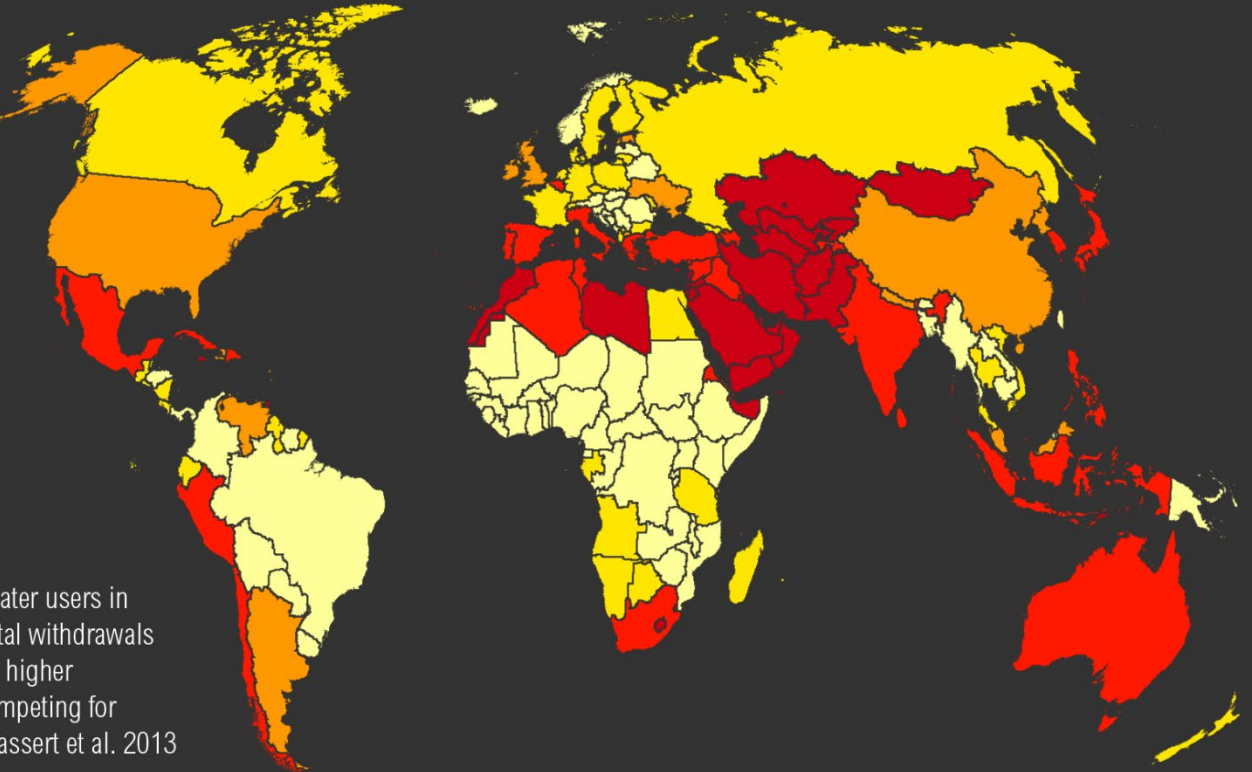
How are you being impacted by climate change?

WATER STRESS BY COUNTRY

ratio of withdrawals to supply

- Low stress (< 10%)
- Low to medium stress (10-20%)
- Medium to high stress (20-40%)
- High stress (40-80%)
- Extremely high stress (> 80%)

This map shows the average exposure of water users in each country to water stress, the ratio of total withdrawals to total renewable supply in a given area. A higher percentage means more water users are competing for limited supplies. Source: WRI Aqueduct, Gassert et al. 2013

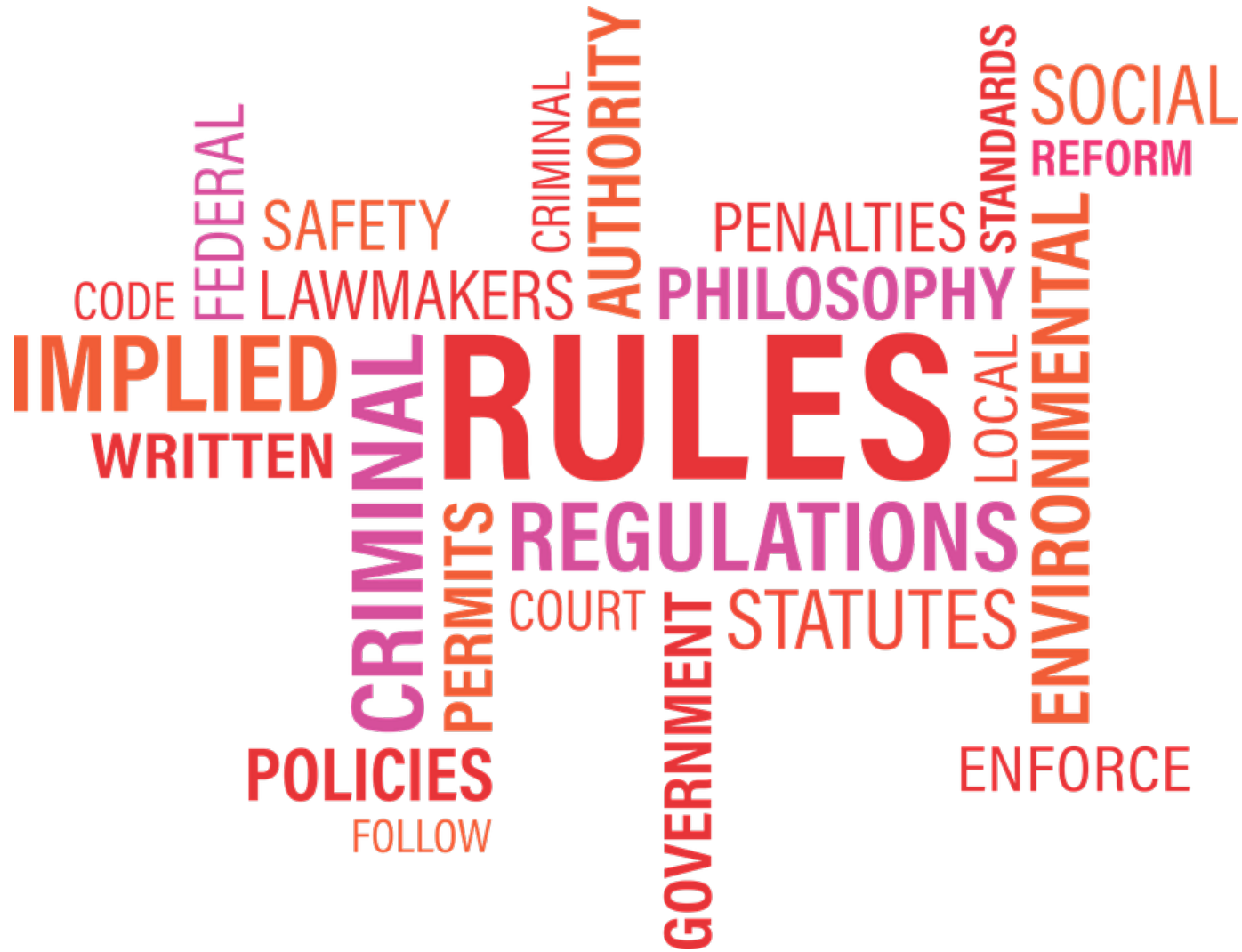


Resources



What resource issues might you be faced with over the next 10 years?

Regulation



Which regulations are having the most impact on how you manage the golf course?

Pesticides – working with government



- **Green Deal sport and golfcourses**

- ❖ **Temporary exemption on the ban until 2020**
- ❖ **Show a very strong reduction in pesticide use (pesticide-free)**
- ❖ **Excellent proof for any exceptions thereafter, if any (no guarantee)**
- ❖ **Innovation: identify bottlenecks and find solutions**

Working with government - France

- Biodiversity
- Water
- Pesticides



MINISTÈRE DE LA TRANSITION ÉCOLOGIQUE ET SOLIDAIRE
 MINISTÈRE DE L'AGRICULTURE ET DE L'ALIMENTATION
 MINISTÈRE DES SPORTS



ACCORD-CADRE « GOLF ET ENVIRONNEMENT » 2019-2024

Entre :

Le MINISTÈRE DE LA TRANSITION ÉCOLOGIQUE ET SOLIDAIRE, ayant son siège Hôtel de Roquelaure - 246, boulevard Saint-Germain, 75007, Paris,

Le MINISTÈRE DE L'AGRICULTURE ET DE L'ALIMENTATION, ayant son siège 78, rue de Varenne 75349 PARIS 07 SP.

Le MINISTÈRE DES SPORTS, ayant son siège 95, avenue de France 75650 PARIS Cedex 13,

d'une part,

La FÉDÉRATION FRANÇAISE DE GOLF, association loi de 1901, Reconnue d'Utilité Publique, agréée et délégataire de mission de service public, ayant son siège 88 rue Anatole France, 92309 LEVALLOIS-PERRET cedex, représentée par son Président Monsieur Jean-Lou CHARON,

Le GROUPEMENT FRANÇAIS DES GOLFS ASSOCIATIFS (FGGA), association Loi de 1901, ayant son siège à la Fédération Française de Golf, 88 rue Anatole France, 92309 Levallois-Perret cedex, représenté par son Président Monsieur Patrick FARMAN,

Le GROUPEMENT DES ENTREPRENEURS DE GOLF FRANÇAIS (GEGF), syndicat professionnel, ayant son siège, 4 rue Lamennais, 75008 PARIS, représenté par son président Monsieur Laurent BOISSONNAS,

d'autre part,

Ensemble dénommées « les Parties »

Fait en six exemplaires originaux, le **lundi 1er juillet 2019**

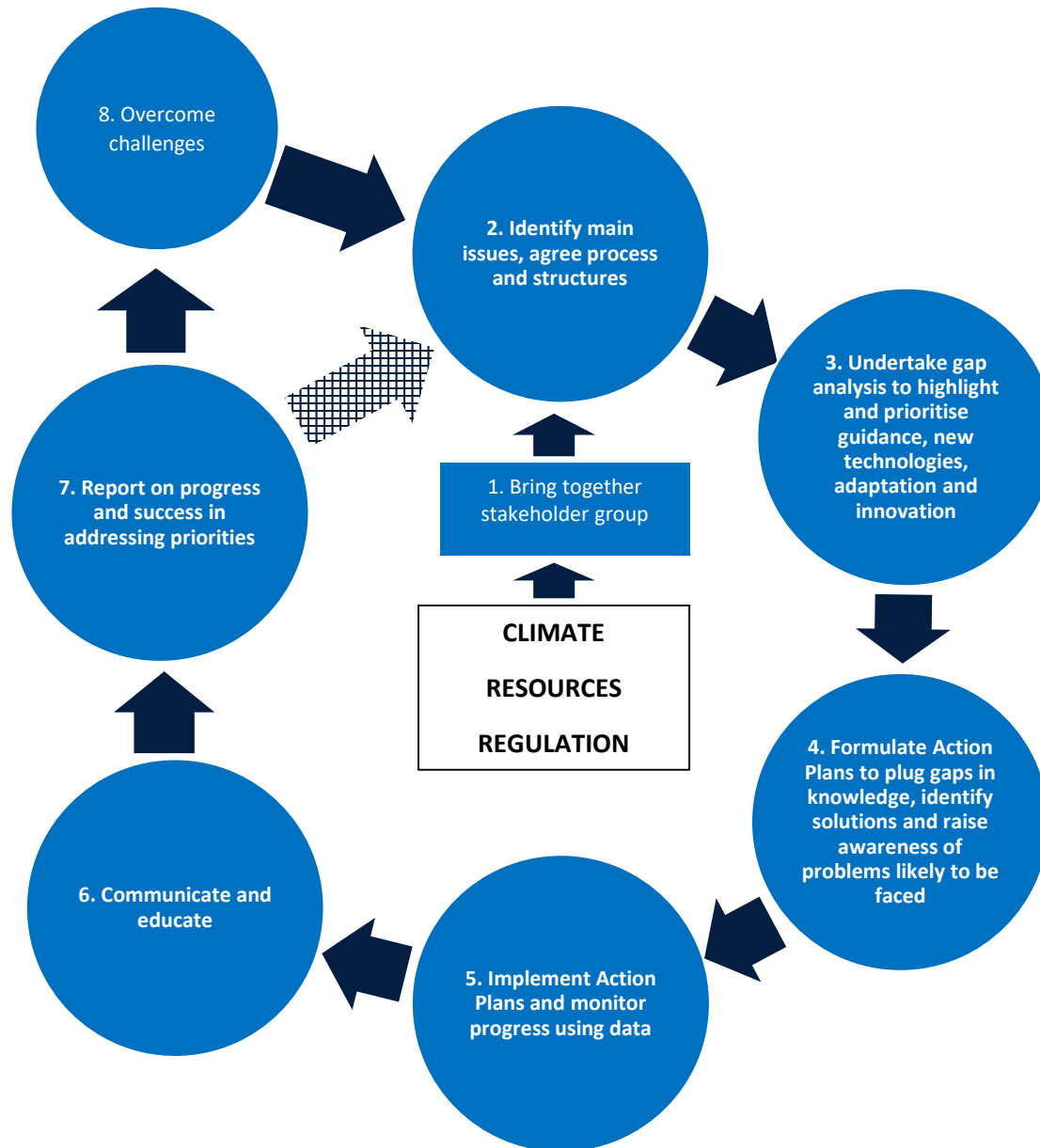
Pour le Ministère de la Transition Écologique et Solidaire Le Ministre M. François DE RUGY 	Pour la Fédération Française de Golf, Le Président M. Jean-Lou CHARON 
Pour le Ministère de l'Agriculture et de l'Alimentation, Le Ministre M. Didier GUILLAUME 	Pour le Groupement des Entrepreneurs des Golfs Français Le Président M. Laurent BOISSONNAS 
Pour le Ministère des Sports Le Ministre Mme. Roxana MARACINEANU 	Pour le Groupement Français des Golfs Associatifs Le Président M. Patrick FARMAN 

Scenarios

Business as usual... to worst case.



Process



Industry stakeholders – GB&I



The R&A

England Golf

Confederation of Golf in Ireland

Scottish Golf

Wales Golf

BIGGA

GCSAI

GCMA

CMAE

UK Golf Federation

PGA

EIGCA

STRI

RIPTA

GEO Foundation

European Tour

Ladies European Tour

SRUC Elmwood

Myerscough College

Crop Protection Association

Agricultural Engineers Association

Irrigation Consultants

British Society of Plant Breeders

Turfgrass Growers Association

Amenity Forum

University of St Andrews

BASIS

Labosport

FEGGA

Priority issues - GB&I

- How do we make Golf Course 2030 relevant and compelling to key audiences, engaging golf facilities and golfers?
- Course condition and playability, with particular emphasis on putting surfaces – measurement, standards, education
- Resources, focusing on:
 - alternatives to synthetic chemical plant protection products
 - labour (recruitment, retention, education, the changing nature of the golf course workplace)
 - sand/aggregate availability
- Water as a limited resource (too little in dry summers) and coping with too much in wet winters
- Coastal change and its impact on golf courses

Priority issues - Spain

- Water use restrictions
- Restrictions on pesticide use
- Energy consumption
- Clean energy to reduce emissions

Priority issues - Scandinavia

STERF research agenda

- Integrated pest management
- Sustainable water management
- Turfgrass winter stress management
- Multifunctional use of golf facilities and ecosystem services

Communication

- GC2030 comms plan
- We will keep all industry stakeholders informed as we work through the process
- We will pursue opportunities to promote GC2030 at stakeholder events and through stakeholder publications
- We will enable stakeholders to disseminate Golf Course 2030 resources to relevant groups within their own networks using their owned media channels (websites, social media, etc)
- We will engage with Government and NGOs to raise awareness of the actions golf is undertaking to encourage sustainability and best practice

Golf Course 2030 opens doors

- Golf Course 2030 funding for research and education
- Golf Sustainability Fund for capital projects

2019-2020



- Continue the GB&I process
- Learn from the GB&I process
- Engage with selected countries

Projects in pipeline for 2020

- Golf green playing quality standards and its measurement
- Golf course playing quality standards and their measurement (tees, aprons, fairways, first cut of rough and bunkers)
- Water management
- Innovations in integrated turf management
- Availability of aggregates for construction and maintenance and innovative alternatives
- Innovative coastal management
- The profile of the course manager
- Golf Course 2030 and education

What would be YOUR GC2030
priorities?

Thank You

