IF Sustainability Project
MONACO SOLAR & ENERGY BOAT CHALLENGE
The world faces significant challenges across a wide spectrum of economic, social and environmental matters. The Olympic Movement has both an opportunity and a duty to actively contribute to the global sustainability debate in line with its vision of “Building a better world through sport”.

With this in mind, and in response to Olympic Agenda 2020, the International Olympic Committee (IOC) launched the International Federation (IF) Sustainability Project in 2016 to obtain an overview of IFs’ sustainability initiatives – identifying common topics, challenges and good practices while also sharing information among the IFs.

One outcome of the project was a series of case studies illustrating how IFs are actively contributing towards a more sustainable world. These case studies, which now also showcase National Olympic Committees’ (NOCs) best practices, form part of a strategic support system given to the Olympic Movement through the IOC Sustainability Strategy.

Each case study is aligned with one or more of the IOC’s five sustainability focus areas: infrastructure & natural sites; sourcing & resource management; mobility; workforce; and climate. They are also aligned with one or more of the United Nations’ (UN) framework of 17 Sustainable Development Goals (SDGs), which provide a common framework for organisations to explain how they plan to contribute to sustainable development and tackle the key global sustainability challenges.

The IOC provides support to NOCs and IFs in the definition, design and development of their sustainability strategies.

“Sport is also an important enabler of sustainable development. We recognise the growing contribution of sport to the realisation of development and peace in its promotion of tolerance and respect and the contributions it makes to the empowerment of women and of young people, individuals and communities as well as to health, education and social inclusion objectives.”

Paragraph 37, UN 2030 Agenda for Sustainable Development
Supported by the International Powerboating Union (UIM), the fifth edition of the Monaco Solar & Energy Boat Challenge unveiled some of the latest clean-energy innovations as applied to powerboating in 2018. These innovations encourage the development of renewable energies as a replacement for fossil fuels, one of the biggest drivers of global warming, and show how both powerboating and motorsports could evolve in the future.

Participants in the challenge joined one of three categories designed by the UIM to showcase new technologies: the Solar class, which presented state-of-the-art technology on solar-powered boats; the Offshore class, 

OBJECTIVES

The UIM helps to stage the annual Monaco Solar & Energy Boat Challenge in order to:

• Bring together technical and management experts to help redefine powerboating and motorsports by developing clean-source propulsion systems for the future.
• Promote solar power technologies and energy alternatives as the future of motorsports.
• Raise awareness of sustainable energy sources to protect our oceans and environment.
• Provide a platform for participants to present, discuss and implement the latest innovations in clean energy.

“MOTORSPORT IS A GREAT LABORATORY TO TEST NEW TECHNOLOGICAL SOLUTIONS, AND THE FUTURE OF MOTOR BOATING WILL BE INCREASINGLY LINKED TO ECO-FRIENDLY PROPULSIONS. SPORT HAS THE POWER TO CATALYSE ATTENTION TO SUSTAINABLE MOBILITY, AGGREGATING INVESTMENTS AND STIMULATING INNOVATION IN THIS GREEN REVOLUTION.”

RAFFAELE CHIULLI, UIM PRESIDENT

ORGANISED WITH THE SUPPORT OF THE UIM, THIS EVENT ENCOURAGES INNOVATION IN SUSTAINABLE ENERGY SOURCES
which tested the autonomy of solar cells; and the new Energy class, which set engineering students the task of building a cockpit and the best possible clean-source propulsion engine for a catamaran hull. Engineers in this new class look set to develop technical innovations that will create the motorboats and the motorsports of tomorrow: longer and more reliable autonomy, affordable and powered by clean energy.

During the challenge, the UIM co-hosted the second edition of the International Motorsports & Environment Workshop. This event is designed to foster exchange between motorsports federations and other key stakeholders on the challenges of implementing clean technology to power the motorsports of tomorrow. One important outcome was the unanimous agreement by motorsports authorities on their commitment to develop competitions that protect the environment by favouring clean-source engines.

**LESSONS LEARNED**

- Inviting other IFs to discuss challenges around clean energies can help establish common goals and actions on a global scale.
- Working with diverse stakeholders attracts attention from more varied sectors, which increases the visibility, reputation and impact of the initiative.
- Events such as these can help facilitate discussions with potential sponsors interested in supporting clean-energy initiatives and events, and they can inspire the creation of competitions showcasing such innovations.

**EVALUATION**

The Monaco Solar & Energy Boat Challenge contributes towards achieving the transition to clean energy in motorsports. The competition for clean-energy-powered boats raises awareness among both the boating industry and the world of motorsports of the need to lower carbon emissions and the benefits of switching to clean energy. Co-hosting the International Motorsports & Environment Workshop also raised the visibility of the UIM as a federation that directly contributes to the identification of advancements in clean-energy technology through motorsports. The event provided links and synergies between the industry, International Federations (IFs), athletes and various universities, stimulating the exchange of knowledge and the development of new technologies at the service of motorsports.

CONTACT: Thomas Khurt, UIM Secretary General  tk@uimpowerboating.com
www.uimpowerboating.com