

# SUSTAINABILITY DAY



FREE  
online  
webinar



30 OCTOBER 2024  
1pm-4pm (CET/MEZ)

# SUSTAINABILITY DAY

## How to achieve environmental sustainability in sports and leisure facilities

**Expand your horizon and take part in the first IAKS SUSTAINABILITY DAY on October 30, 2024. Participation is free of charge!**

The challenge to achieve the goals of the Paris Climate Change Agreement requires action by all sectors, including sport and leisure. With about 40 % of carbon emissions attributable to buildings and cities, transforming the way we design our built environment is fundamental to combatting the climate emergency.

The world-wide trend of setting green goals, targeting at renewable energy and cutting in greenhouse gas emissions leads many countries towards net carbon zero targets. However, sports and leisure centres are a challenging typology from a carbon point of view with often typically high energy consumptions and operational costs.

The IAKS SUSTAINABILITY DAY will take a look at SUSTAINABILITY in a broader sense. More than ever, we are dedicated to going beyond just a discussion around design principles, to also include management and operation decisions in the reports.

### IAKS WEBINAR

**30 October 2024 1PM – 4PM (CEST)**

<b>13:00 - 13:10</b>	<b>Klaus Meinel, IAKS</b> <i>Welcome</i>
<b>13:10 - 13:35</b>	<b>Mike Hall, FaulknerBrowns, United Kingdom</b> <i>Sustainability in the sports and leisure industry</i>
<b>13:35 - 14:00</b>	<b>Mark Palmer, Max Fordham, United Kingdom</b> <i>Sustainability in pools and recreation centres</i>
<b>14:00 - 14:10</b>	<b>Break</b>
<b>14:10 - 14:35</b>	<b>Marc Downing, MJMA, Canada</b> <i>Zero carbon in ice arenas</i>
<b>14:35 - 15:00</b>	<b>David Jarratt, Populous, United Kingdom</b> <i>Sustainability in stadiums</i>
<b>15:00 - 15:10</b>	<b>Break</b>
<b>15:10 - 15:35</b>	<b>Prof. Alastair Cox, ESTC</b> <i>Product environmental footprint rules for synthetic turf</i>
<b>15:35 - 15:45</b>	<b>Conclusion</b>



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### SPEAKERS



**ALASTAIR COX** is a Technical Director at the European Synthetic Turf Council (ESTC), the trade association for the European, Middle East and Africa synthetic turf industry. With over 45 years' experience in the industry, his career has seen him primarily working in the testing and certification sectors. Today, his role with ESTC sees him leading their technical activities, including engaging with regulatory bodies, standardisation bodies and sports governing bodies. In addition to his work at ESTC Alastair is Visiting Professor of Sports Surface Innovation, at the UK's Loughborough University.



**MARC DOWNING** is a Principal at MJMA, he has been a lead member of the community and recreation design team for almost 20 years. A superb project manager, his technical expertise and astute design sensibility have been instrumental in the development of the studio's specialty in multiuse campus and community facilities. A highlight of his extensive portfolio includes the Township Wide Recreation Centre in King City, Ontario. It is the first Zero Carbon Building Design certified in Canada to combine multi-use community recreation with aquatics and arena programs.



**DAVID JARRATT** is the EMEA Sustainable Design Lead for Populous. With over two decades of global sustainability leadership, he excels in formulating and executing long-term strategies. David actively leads teams in innovative design implementation, maximising benefits for all stakeholders, including investors, asset owners and manager, building users, and the community. His commitment to staying at the forefront of the industry ensures that his projects deliver innovative and sustainable outcomes.



**MIKE HALL** is a Partner Architect at FaulknerBrowns, he is working closely with sport governing bodies such as FINA, UCI, IAAF, and ICF, Mike has extensive knowledge of the requirements for sports facilities and is passionate about the importance of active infrastructure in towns and cities. He sits on the IAKS International Expert Aquatics Circle and is also a representative of the International Union of Architects.



**MARK PALMER** is a Director of Engineering and the Sports Sector Leader at Max Fordham. For decades he's been designing high-performance, sustainable sports buildings for universities, local authorities, and major events. His experience ranges from a series of Sport England "optimum" sports halls, to the Olympic Water Polo Arena for London 2012, to the award-winning Oriam. Mark has recently completed the Ravelin Sports Centre, one of the UK's most sustainable ultra-low energy sports centres with a BREEAM 'Outstanding' rating. He is also a member of the UK Net Zero Carbon Buildings Standard group for Sport & Leisure.