



SPORTS VENUES 2023/24: CONSTRUCTION REPORT

The unique overview by STADIAWORLD

INTRO

6 New openings: Hello venue world

While investments are being made in the existing infrastructure in many places, many new openings were and are still on the agenda. A look at selected projects.

10 “The big moments happen at Wembley”

In April 2023, Wembley Stadium celebrated its 100th anniversary. Liam Boylan, Wembley’s Stadium Director, looks back at the most important events of the venue as well as upcoming changes in the future.

12 The stadiums of the 2023/24 season

The highlights of the five large European leagues – England, France, Germany, Italy and Spain – will be presented on the following pages. In addition, there is an overview of the geographical allocation of all venues.

18 Will the Olympic dream come true?

Hungary’s capital has many venues in its portfolio: modern and large stadiums, indoor arenas, even a Formula 1 circuit. However, the long desired Olympic dream has not yet come true. A closer look at Budapest’s infrastructure.

OPERATION

20 Venue comparison: LANKESS arena vs. Žalgiris Arena

While the European handball elite has been traveling to the EHF F4 to the LANKESS arena in Cologne since 2010, the final tournament of the EuroLeague in basketball was held in the Žalgiris Arena in Kaunas. A comparison.

22 Venue comparison: Tottenham Hotspur Stadium vs. Emirates Stadium

The two North London clubs Arsenal FC and Tottenham Hotspur are rivals not only on and off the pitch, but also in terms of infrastructure. STADIAWORLD compares the two clubs’ stadiums.

24 Venue comparison: La Bombonera vs. Estadio Monumental

When Boca Juniors meets River Plate, the air of Buenos Aires is on fire. The stadiums are cult, but are now quite outdated. Plans for the future are in place for both stadiums, but will this jeopardize their legendary status?

26 Arthur Ashe Stadium: A venue like no other

The Arthur Ashe Stadium is the largest tennis stadium in the world. The venue in New York City hosts the US Open every year. But the operators of the facility also take care of several other stadiums. A look behind the scenes.

29 “Continue to enhance the US Open experience”

Danny Zausner, Chief Operating Officer, USTA Billie Jean King National Tennis Center, talks about the operation of Arthur Ashe Stadium, the fan experience at the US Open – and about the effects of bad weather.

30 All-rounder near the Seine

The Accor Arena in the Bercy district of Paris is a true multi-talent. The arena has already been the venue for a number of major international events – and more will soon follow.

32 “Iconic, mythical and audacious”

In this interview, Nicolas Dupeux, CEO of the Accor Arena as well as the adidas arena and the Bataclan, talks about the venue landscape in Paris, the preparations for the 2024 Summer Olympics and his goals for the future.

34 Stadium and arena in a double pack

The Groupama Stadium, home of Olympique Lyon, is not only the third largest stadium in France – it also impresses with technical and sustainable innovations. Directly next door, another venue is currently being built: the LDLC Arena.

37 “A number of innovative topics”

In this interview, Xavier Pierrot, Deputy General Director responsible for the Groupama Stadium and the LDLC Arena, talks about sustainable venue operations, the strategy in Lyon – and the upcoming 2024 Olympic Games.

38 Industry get-together with numerous highlights

Renowned speakers, exciting collaborations and diverse partners: The eps ARENA SUMMIT 2023 in Frankfurt promises two exciting days full of inspiration and innovation for the industry on September 13 and 14.

40 “Exchange between the different parties is crucial”

An Interview with Sam Booth, the new Director of Sustainability with AEG Europe, about his previous stations, his current role, personal goals – and the venue operation of the future.

CONSTRUCTION

44 SPORTS VENUES 2023/24: Construction Report

STADIAWORLD’s comprehensive construction report shows developments in stadium projects worldwide and where schedules had to be adjusted due to the COVID pandemic.

46 Construction report: Stadium and arena projects in Europe

Europe has a lot to offer in terms of stadium and arena infrastructure. The trend towards increased multifunctional use of venues continues unabated.

50 Construction report: UEFA EURO 2024

After the 2006 World Cup, this time mainly modernisation work is on the agenda.

54 Billions for buildings

A trend has developed in the USA to build new stadiums and arenas worth billions. New construction and renovation projects in the United States confirm this trend.

58 How NFL Stadiums prepare for the World Cup

More than a third of all NFL stadiums will host FIFA World Cup games in 2026. Numerous modernisations are already being planned or implemented.

60 MLS: The stadiums in 2023

The introduction of Lionel Messi has given the entire Major League Soccer a boost in international perception. Reason enough to take a look at the stadiums of the US league.

62 South America: Building boom through World Cup bid?

Four South American countries are bidding to host the FIFA World Cup 2030. If successful, they would have some catching up to do.

66 Construction report: Stadium and arena projects in Asia

In Asia, China and Japan are traditionally the focus of stadium and arena projects. But things are also picking up the pace in Saudi Arabia, where the desert state prepares for its first major national team tournament.



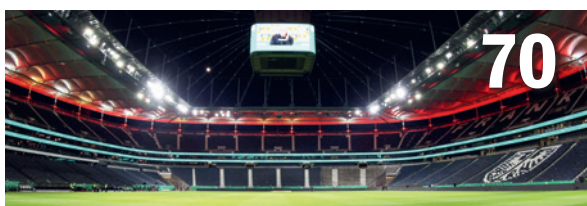
A VENUE LIKE NO OTHER

Arthur Ashe Stadium is the largest tennis stadium in the world. A look behind the scenes.



BILLIONS FOR BUILDINGS

A trend has developed in the USA to build very expensive new stadiums and arenas. It does not seem to be abating.



TECH REPORT: ONGOING INNOVATION

Lighting, displays, surfaces and more: Tech topics and trends around sports and entertainment venues.



MAJOR SPORTS EVENTS IN 2023 & 2024

The UEFA Euro 2024, Olympic Summer Games and many other sporting highlights all over the world are coming up.

68 Brisbane prepares for Olympics – “stadium wars” in New Zealand

In Australia and New Zealand, various major projects are currently either in the planning phase or have already been started. With a view to the 2032 Olympic Games, Brisbane in particular is facing promising construction projects.

82 Displays: Digital signage is growing

While the boom in huge media displays is levelling off slightly, operators continue to equip their venues with contemporary solutions for signal distribution to monitors and screens throughout the building.

98 Paris 2024: Venue plan as sustainability approach

Next summer, all eyes will turn to Paris. The city will host the Olympic and Paralympic Summer Games in 2024, focusing on sustainability by primarily utilising existing and temporary venues and minimising distances between them.

TECHNOLOGY

70 Tech Report: Ongoing innovation

Behind the curtains, all technologies involved in venues are moving on. Yet the obvious and visually perceptible ones are always in the foreground. And new milestones are set continuously.

72 Floodlight: Germany ahead of UEFA EURO 2024

The European Championship is currently causing a wave of retrofitting and new installations in the host country Germany. The trend towards coloured light and show compatibility continues here and everywhere.

76 Athletics: Certificates and guidelines for the infrastructure

Track and field events require certified surfaces and must orient themselves to further guidelines that also affect the stadium infrastructure.

77 World Athletics to create new short track product to grow the sport

World Athletics intends to introduce the new term ‘short track’ to replace the current term ‘indoor’ to describe events and performances that are set on a 200m track, traditionally staged indoors.

79 Better results, less injuries

Conica invests in research and collaboration with athletes to further optimise running surfaces. Recently, a research facility was commissioned in Germany for this purpose.

80 d&b adds sparkling audio to the Estádio do Sport Lisboa e Benfica

The Estádio do Sport Lisboa e Benfica – known as the Estadio da Luz (Stadium of Light) – is now providing an unparalleled stadium sound experience, thanks to the new sound system by d&b audiotechnik.

87 World premiere with ASB GlassFloor

During the FIBA U19 Women’s Basketball World Cup Madrid witnessed a world premiere that will profoundly impact the sports world.

88 Camera technology for Turkish Stadium

In order to be able to better identify and track offenders in the stands in the future, the operator of the Alsancak Mustafa Denizli Stadium opted for a video security solution from the German manufacturer Dallmeier.

90 Grass or synthetic turf? Debates in the US leagues

A consistent pitch quality and multifunctionality of the stadium are arguments in favour of artificial turf. But many professionals complain about the risk of injury and demand the conversion to natural grass pitches.

93 Digital grass management: The Dutch League approach

Higher quality football pitches, better data-driven maintenance, fewer injuries, and all perfectly aligned with sustainability goals: the benefits of the Hi Pitch Screener (HiPster) are noticeable in both the short and long term.

100 UEFA EURO 2024: The venues

The European Football Championship 2024 will take place from 14th June to 14th July in Germany – for the second time after 1988. STADIAWORLD shows the host cities and tournament stadiums.

102 “The chance to experience something truly unique”

In an interview with STADIAWORLD, Nick Addecott, Director Sports & Entertainment at The Maverick Group, explains the concept of the Stadium Golf Tour and the approach of implementing it in the UK.

104 Sport abroad: The internationalisation of the US leagues

Frankfurt, Paris, London, Melbourne or Abu Dhabi – the four major US sports leagues are on big trips again in the upcoming season. What are the leagues’ concrete plans? Which teams will play their games abroad and where?

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Basketball, handball, American football – even Olympic Summer Games and the UEFA EURO 2024: Numerous sporting highlights all over the world await in the upcoming twelve months.

95 30 grandstands for the largest inclusive sports festival

Thousands of athletes with intellectual and multiple disabilities, their support teams, and fans celebrated the world’s largest inclusive sporting event. NUSSLI transformed Messe Berlin into a multi-sport facility for the tournament.