

The FIFA World Cup Qatar 2022™ in numbers

The Event

- FIFA World Cup Qatar 2022™ was the 22nd edition of the tournament
- 1 Host Country and 8 Stadiums
- 32 Base Camps
- 32 Teams, 64 matches

Highlights

- Cumulative attendance of 3.4 million spectators (up from 3 million in 2018)
- Average of 53,191 spectators per match (up from 47,371 in 2018)
- Three matches at Lusail Stadium, including the final, saw the highest attendance (88,966) for a FIFA World Cup fixture since the final in July 1994, when Brazil played Italy in front of 94,194 fans at the Rose Bowl in Pasadena
- The final achieved a global reach of close to 1.5 billion viewers (up from 1.12 billion in 2018)
- There were 172 goals scored at the FIFA World Cup Qatar 2022 - more than any other edition. The previous highest total of 171 came in 1998 and 2014
- For the first time in 20 years and the third time in all, there were group winners from four different confederations (1986, 2002, 2022)
- Lionel Messi became the first player to score in four successive knockout stage matches in a FIFA World Cup since the round of 16 was introduced at Mexico 1986
- Stéphanie Frappart became the first woman in FIFA World Cup history to referee a finals match. Together with assistants Neuza Back and Karen Diaz, she comprised the first-ever female trio to officiate in the tournament
- [More than 1.4 million fans](#) from across the globe visited Qatar for the event
- Over 2.4 million local and international Hayya cardholders
- Saudi Arabia, India, Egypt, Morocco, USA, UK, Jordan, Kuwait, Sudan and Argentina were the top nationalities amongst Hayya applicants
- In a record breaking first, FIFA+ live-streamed the entire tournament in Brazil, partnering with the likes of YouTube streamer Casimiro and Brazilian legend Ronaldo to deliver an innovative and engaging product to a new generation of fans

Key football facts

- There has now been a total of 2,720 goals scored in FIFA World Cup™ history, an average of 2.82 per match
- Brazil are the top scorers in FIFA World Cup history with 237 goals and the only nation to have participated at every edition of the FIFA World Cup
- Qatar became the 80th different nation to participate in the FIFA World Cup
- Morocco have become the fifth African team to top a FIFA World Cup group since Nigeria in 1998, as well as the first African team to achieve seven points in a FIFA World Cup group

- Three teams from the AFC were represented in the round of 16 for the first time in FIFA World Cup history
- This is the second time two African teams (Senegal and Morocco) have reached the round of 16 – the first being 2014 (Algeria and Nigeria)
- Qatar 2022 was the first time an African team made it to the semi-final, with Morocco's incredible campaign uniting the Middle East and Arab world
- Cristiano Ronaldo became the first man to score at five FIFA World Cups (2006, 2010, 2014, 2018 and 2022)
- Canada's Alphonso Davies scored the fastest goal at Qatar 2022 with his strike against Croatia timed at just 68 seconds
- Lionel Messi made his 26th FIFA World Cup appearance in the final, surpassing the record previously held by Lothar Matthaus
- At the age of 18 years and 110 days, Spain's Gavi became the youngest goal scorer at a World Cup since Pele in 1958 with a stunning strike during their 7-0 win against Costa Rica

Stadium capacities

Venue	Official seating capacity
Al Bayt Stadium	68,895
Lusail Stadium	88,966
Ahmad Bin Ali Stadium	45,032
Al Janoub Stadium	44,325
Al Thumama Stadium	44,400
Education City Stadium	44,667
Khalifa International Stadium	45,857
Stadium 974	44,089

Statistical

Number of goals / Goal average	172 / 2.69
Most goals scored	16 France
Fewest goals scored	5 teams with 1 goal
Most goals conceded	11 Costa Rica
Fewest goals conceded	1 Tunisia
Number of penalties	23 (17 converted, 6 missed)
Number of own goals	2
Goals scored by substitutes	30 (out of 172, 17.44%)
Goals in the first half v. second half	67 v.101
Goals in extra time 1 st half	5
Goals in extra time 2 nd half	15
Goals in the first 10 minutes	12 (6.98%)

Goals in the last 10 minutes of regulation time	33 (19.19%)
Goals in the last 10 minutes incl. added time	35 (20.35%)
Goals in extra time	4 (2.33%)
Top goal scorer	8 MBAPPE Kylian
Youngest goal scorer	18y 110d GAVI (Spain), 2022-11-23 (Spain - Costa Rica)
Fastest goal	1' 8" DAVIES Alphonso (Canada), 2022-11-27 (Croatia - Canada)
Biggest wins	7-0, 2022-11-23 (Spain - Costa Rica)
Highest scoring matches	6-2, 2022-11-21 (England - IR Iran)
Most number of wins	5 France
Most number of defeats	3 Canada, Qatar
Number of yellow cards	227 (avg/game 3.55), including six yellow cards resulting in expulsion due to second caution in same match.
Number of red cards	4 (avg/game 0.06)
Most yellow cards	17 Argentina
Fewest yellow cards	1 England
Most red cards	1 Cameroon, Morocco, Netherlands, Wales
Penalties	23 (17 converted, 6 missed)

Representation of Confederations	Round of 16	8 UEFA Teams
		3 AFC Teams
		2 CAF Teams
		2 CONMEBOL Teams
		1 Concacaf Team - USA
	Quarter-finals	5 UEFA Teams
		2 CONMEBOL Teams
		1 CAF Team - Morocco
	Semi-finals	2 UEFA Teams
		1 CAF Team - Morocco
		1 CONMEBOL Team - Argentina
	Final	1 CONMEBOL Team - Argentina
		1 UEFA Team - France
	11th European v. South American final	

Top 10 most powerful shots that led to goals in the group stages:

According to the data tracked through the connected ball technology, housed inside the adidas' Al Rihla Official Match Ball, the top 10 most powerful shots leading to goals were:

Goal scorer	Distance to Goal	Max Speed (km/h)
MBAPPE	16.92	123.34
L. CHÁVEZ	29.19	121.69
DOAN	21.57	120.04
FUELLKRUG Niclas	13.39	118.00
CRISTIANO RONALDO	10.76	117.39
KANE	10.95	116.68
KANE	16.66	115.86
RASHFORD	23.39	115.63
BALE	10.95	113.89
MBAPPE	18.20	113.74

Audience figures

- Early figures suggest that around 5 billion people engaged with the FIFA World Cup Qatar 2022, following tournament content across an array of platforms and devices across the media universe. The final achieved a global reach of close to 1.5 billion viewers (up from 1.12 billion in 2018), with the opening match capturing a global reach of over 550 million. Here are some notable TV audiences from the tournament, while the full consolidated report on audience data will be published in the coming months as per previous FIFA World Cups:
- *France* – The final attracted an average audience of 24.08 million viewers on TF1's coverage, taking 81% of the audience share. This was 24% greater than the audience for the France v Croatia Final in 2018 (19.38 million) and an all-time viewing record. TF1's coverage was seen by 53.88 million viewers, 93.7% of the television universe in France
- *USA* – The final between France and Argentina attracted a combined audience of almost 26 million – with the coverage on FOX being the most watched English-language broadcast of a World Cup match in the USA, breaking a record in that territory set just a few weeks before with the England v USA match during the group stage. The final was also the most-watched match of the tournament in Spanish with a Total Audience Delivery (TAD) of 9 million viewers, up 65% compared to the 2018 Final (France v. Croatia, 5.5 million). In addition, it was the most-streamed FIFA World Cup match in U.S. media history, regardless of language, with an Average Minute Audience (AMA) of 2.96 million viewers.
- *Pan-Middle East and North Africa* - Coverage of the final aired live across the Middle East and North Africa on beIN Sports. The match achieved an audience reach of 242.79 million viewers, equivalent to 67.8% of the potential television audience of the channel. Live coverage of the

Closing Ceremony on beIN Sports was watched by a total of 193.88 million viewers, with 111.71 million viewers watching the live coverage of the Opening Ceremony on the same channel. Average TV viewership per match throughout the tournament saw a significant rise in 2022 reaching 84.38 million, compared to 35.9 million for 2018's coverage.

- *Argentina* – The final was aired across three channels (TV Publica, TyC Sports and DirecTV). The combined audience achieved was 12.07 million viewers
- *Brazil* – The tournament as a whole attracted an overall reach in the country of 173 million viewers (81% of the total population). The final achieved an average live match audience of 36.9 million viewers on TV Globo, SporTV and SporTV2. This equated to 17.8% of the TV population in the territory and the highest neutral match audience of the tournament
- *Japan* – 36.27 million watched the coverage of Japan's second Group Stage match v Costa Rica on TV Asahi. This match achieved an audience share of 66.5%, making it the highest audience in the country in 2022
- *UK* – 19.41 million viewers watched ITV1's coverage of England v France in the quarter-final. This was the highest audience of the tournament in the UK, with 77.5% of the audience share. The final was broadcast live on both ITV1 and BBC1, producing a combined whistle-to-whistle audience of 14.76 million viewers. Across the entire tournament, 51.22 million UK viewers were reached, 83.9% of the potential audience in the market
- *Korea Republic* – 11.14 million viewers watched in Korea Republic for the nation's opening match in the group stage against Uruguay, with the audience representing a 97% increase in Korean TV audience compared to the average for group stage matches at the FIFA World Cup in 2014, and 18% higher than in Russia in 2018
- *Netherlands* – live match coverage for the tournament produced the five highest television audiences of the entire year in the Netherlands, with the quarter-final between the Netherlands and Argentina delivering the highest audience of the tournament with 5.37 million viewers
- *Morocco* – Television audiences for Morocco's matches on SNRT channels continued to increase as they progressed through the tournament, with the broadcast on the channel for their semi-final against France delivering an average audience of 4.84 million viewers, the highest audience of the tournament
- *Portugal* – Coverage of Portugal's round of 16 match against Switzerland delivered the most watched FIFA World Cup broadcast on record in Portugal, with an average of 3.89 million viewers. 71.8% of people watching TV in Portugal viewed live coverage of the match

Social Media (provided by Nielsen)

- 93.6M posts across all social media platforms
- 262B cumulative reach across all social media platforms (owned and earned channels) non deduplicated
- 5.95B engagements

Digital

- FIFA World Cup Qatar 2022 engaged more fans than ever before, with 24% more fans headed to FIFA's digital channels in 2022 than during the 2018 edition, while social engagements were up 448% compared to the previous tournament
- As the official home of match highlights, it saw an incredible 192 million views on match recaps throughout the tournament, including the inclusively designed sign-language highlight options
- FIFA+ broadcast the tournament in Brazil through partnerships with streamer Casimiro and Brazil legend Ronaldo, and the multiple livestreams generated more than 40 million unique visitors, while the dramatic quarter-final against Croatia attracted an incredible 6.9 million concurrent viewers – a world record for a livestream on YouTube
- FIFA+ published more than 15,000 pieces of content in 11 different languages across its rich editorial and always-on live blogging, making it the most inclusive and extensive tournament coverage of all time, giving fans news, facts, behind the scenes access and coverage of the games from all angles. On social, the FIFA World Cup™ achieved engagement never before seen at any sporting event in history. 811 million people engaged with FIFA's social channels, five times more than in 2018, and in doing so far surpassed major events in European football, multi-sport Games or American football, among others
- During the showpiece final, Google CEO Sundar Pichai tweeted that the platform had recorded its highest search traffic in 25 years, while Twitter's Elon Musk revealed that 24,400 tweets per second were being posted for France's second goal, the fastest rate ever
- Twitter also reported 147 billion impressions on the platform, more than doubling the total accumulated during the Tokyo 2020 Olympic Games, while Lionel Messi's Instagram post of him lifting the trophy became the most-liked post ever, with 74 million likes
- On TikTok, FIFA's TikTok follower base doubled to 12 million fans, while the #FIFAWorldCup reached over 25 billion views. The curated FIFA+ Search Hub on TikTok featured both global and localized content from the organisation, broadcasters, players, teams and fans alike, and officially became the biggest Search Hub in TikTok's history
- FIFA published 37,000 pieces of content in 11 languages across its multiple social media platforms
- Overall, FIFA grew to 144 million social followers globally, is now the largest official football account on YouTube with 18 million subscribers, and published more than 50,000 posts across platforms and languages
- On Facebook, the FIFA+ Fives Pick 'Em game – a daily match predictor – became the platform's most played fantasy game in history and saw over 20 million+ players in total
- All FIFA digital channels achieved consistent follower growth on a day-per-day basis with significant peaks being witnessed after the stunning opening ceremony and the FIFA World Cup final, which was widely regarded as an all-time classic
- Best performing content on visual digital channels centred around the final day of the tournament. FIFA's Instagram post on honouring Argentina as World Cup champion received 5.5m likes. On TikTok, a video of the closing ceremony was viewed more than 160m times and liked by 7.5m people

- The announcement of the match officials for the FIFA World Cup by the FIFA Media Twitter account led to 11.1k engagements and 1.1m impressions
- The Japanese national team led by example on and off the pitch by cleaning up their dressing room after their historic win against Germany. The Twitter community showed their appreciation with 146.9k engagements for a FIFA tweet on the topic
- The launch of the official World Cup song Dreamers performed by Jung Kook (of BTS) on FIFA's YouTube channel triggered record volumes with more than 114m views, of which 57m came within the first two weeks
- The FIFA World Cup final set benchmarks in so many regards, including in the digital world. According to an official match hashtag analysis, the final was the most talked about game with more than 1m posts as well as the most viral one with 6.7m engagements
- In terms of fan excitement, both semi-finals complete the podium of most viral matches with France v Morocco triggering 5m engagements and Argentina v Croatia 2.2m. All FIFA World Cup matches from the quarter-final onwards generated an engagement of over 1m

Social Media Protection Service

- Service implemented on five major platforms (Facebook/Instagram/Twitter/YouTube/TikTok)
- Scanned 14 million+ comments for abusive, discriminatory and threatening content
- 18,323 comments were abusive, discriminatory or threatening. Reported directly to a social media company.
- Moderation hid 286,895 comments on behalf of 1,828 opted-in team/player accounts.

Gaming

- The FIFA+ Play Zone served as a dedicated fan engagement hub and underpinned FIFA's approach to attracting, engaging, and retaining millions of fans
- FIFA reached an all-new fan group through its landmark partnership with Roblox
- Throughout the tournament, more than 9.6 million visitors enjoyed the FIFA World Cup Qatar 2022 Roblox Experience
- Daily, the Play Zone accounted for one in every five visitors to FIFA+
- A host of web 3.0-focused games such as Phygtl and Upland took centre stage, delighting younger fans and welcoming a new audience to the FIFA World Cup

Commercial programme

- All sponsorship packages sold out at both global and regional levels
- 7 FIFA Partners
- 7 Global FIFA World Cup sponsors
- 18 Regional Supporters across FIFA's five regions – Europe, Asia-Pacific, the Middle East & Africa, North America, and South America
- These companies, along with the sponsors of other FIFA tournaments, ensured that FIFA comfortably exceeded its target for marketing rights revenues during the 2019-2022 cycle

- The FIFA World Cup Commercial Affiliates helped bring the FIFA World Cup closer to the fans globally and in Qatar by activating more than 600 special marketing programmes and contributing to a successful delivery of the tournament across multiple functional areas
- The sale of licensing rights achieved excellent results in the 2022 cycle, with revenues over 25% higher than in the 2015-2018 cycle
- FIFA ran its largest ever licensing and retail programme at the FIFA World Cup Qatar 2022, with retail revenues exceeding the previous edition in 2018
- As well as tournament stores, a permanent flagship FIFA Store launched at Hamad International Airport in Doha in November
- 154 FIFA Store outlets opened across the 8 stadiums
- Bestselling items:
 - La'eeb mascot soft toy
 - Adidas Official Match Ball
 - FIFA World Cup Trophy Replica
 - Nation supporter T-Shirt
- In 2022, FIFA also launched a major e-commerce offering in the form of fifastore.com, featuring exciting new product ranges for the FIFA World Cup as well as other collections
- Licensing revenues for the cycle also include contracts with FIFA's Branded Licensees such as Taittinger, Hublot and Louis Vuitton, as well as collectible trading card and sticker licensee Panini

FIFA Soundtrack

- In a World Cup first, FIFA launched the FIFA World Cup Official Soundtrack in 2022, bringing together the official songs of the tournament
- The album generated 450 million views on YouTube across nine tracks
- Dreamers by Jung Kook (of BTS) released on 20 November 2022 was the #1 Spotify Top Songs (both Global and US), reached #9 on the Billboard Top 200 globally, and was #1 in iTunes in more than 100 countries
- Dreamers and Tukoh Taka (by Nicki Minaj, Mirian Fayres and Maluma) both topped the YouTube Global Music Videos Chart on the w/c 25th November, and all tracks continue to perform well
- The Soundtrack continued to perform on Shazam with 3 tracks in the Top 200 most Shazamed tracks in the world w/c 19th December:
 - Tukoh Taka #11
 - Arhbo #15
 - Dreamers #32
- Across all digital platforms until 13 December, streams of our top 3 tracks:
 - Dreamers released on 20 November: +188 million streams
 - Tukoh Taka released on 18 November: +97 million streams
 - Arhbo released on 26 August: 39.5 million streams

Ticketing

- Total attendance: 3,404,252
- Average attendance: 53,191
- Average stadium occupancy: 96.33%
- Total tickets resold: 411,724
- Top 15 per country of residence according to the main applicant: Qatar, USA, Saudi Arabia, England, Mexico, UAE, Argentina, India, France, Brazil, Germany, Canada, Kuwait, Australia, Spain
- % of tickets issued as Mobile Tickets for the General Public: 98%
- Total amount of mobile ticket transferred between spectators: 1,589,823
- Number of accessibility tickets sold: 22,592 (including 19,624 accompanying persons)
- Number of cases received by the Customer Care team: 48,402
- Number of calls received in the Call Centre: 137,130
- Total covered area of the ticketing facilities: 12,600m²
- Total footprint of the ticketing facilities: 25,000m²

Hospitality

- With close to 257,000 hospitality packages sold, the FIFA World Cup 2022™ Official Hospitality Programme has generated the highest revenue ever for the tournament, surpassing the 2014 record set by FIFA and MATCH Hospitality in Brazil
- 39% domestic, 61% international
- A partnership with Qatar Airways and an “early bird” programme which allowed customers to book their flights over 16 months prior to flying
- Employed collectively some 8,600 staff to deliver in-stadium, ticket-inclusive hospitality across six tiers of product
- Over 37,000m² of tented structures, 35,000 furniture items, 300,000 gifts, and 331 tons of food prepared and served to guests including 750,000 dates
- The programme welcomed hundreds of thousands of fans and guests from 140 countries during the course of the tournament
- Top 10 sales by country: Qatar, Saudi Arabia, Mexico, United States, UAE, United Kingdom, India, Argentina, Brazil, and Switzerland
- Top 10 Sales by team: Mexico, Argentina, Qatar, Brazil, Saudi Arabia, England, France, Germany, USA, and Ecuador

Media

Printed Accreditations	
Media	
International journalists	1765
National journalists	69
Total written press	1,834
International photographers	726

National photographers	33
Total photographers	759
Total media	2,593
Non Rights Holders (NRH)	
International NRH journalists	168
National NRH journalists	87
Total NRH editorial	255
International NRH camera operator	77
National NRH camera operator	30
Total NRH camera operators	107
Total NRH	362
Grand total (media + NRH)	2,955

Qatar Media Portal applications	22,111	
Total number of FIFA accredited media applications	12,840	58.1%
Total number of Host Country accredited media applications	8,687	39.3%
Total number of Digital Access	584	2.6%

Broadcasters

- Media Rights Licensees (MRLs): 356
- MRLs present in Qatar: 224
- MRL individual accreditations printed: 7,888
- MRLs at the IBC: 78
- Number of MRLs present at final: 204
 - TV: 126
 - Radio: 64
 - Others (News Agencies and others): 14

Teams

- Delegation size
 - 31 teams included 26 players in the final squad; 1 team (IR IRN) featured 25 players
 - Average size of team official delegation: 78 pax
- Arrivals
 - 3 teams arrived with commercial flights
 - 29 teams arrived with charter flights

- 7,121 pieces of luggage and equipment were brought into Qatar by teams
- 4,152 transfers in total, including:
 - 1,146 main delegation transfers
 - 1,017 kit van movements
- 2,179 escorted movements in total
- 19 community events
- 33 stadium familiarisation sessions at the stadiums were conducted by 16 teams
- Team Base Camps
 - All 32 teams based at same top-class facilities throughout competition
 - 24 teams stayed within 10km radius of each other
 - Selection process started in October 2019, with 162 inspection visits organised
- 482 team training sessions in total
 - 354 regular training sessions (first training session took place on 11 November)
 - 128 official training sessions on Match Day -1
- Media attendance at team training sites
 - Total of 8,982 Media representatives attended official training sessions on Match Day -1:
 - Group stage:
 - total – 4,817 pax
 - average per session – 65 pax
 - Round of 16: total – 1,410 pax, average per session - 88 pax
 - Quarter-finals: total – 1,105 pax, average per session - 138 pax
 - Semi-finals: total - 929 pax, average per session - 232 pax
 - Third place & Final: total - 721 pax, average per session - 180 pax
 - TOP-3 average among all official training sessions on Match Day -1:
 - ARG (248 pax)
 - BRA (160 pax)
 - MAR (144 pax)
 - TOP-3 attended official training sessions on Match Day -1
 - JPN (392 pax)
 - ARG (322 pax)
 - BRA (319 pax)

FIFA Technical Study Group (TSG)

- 8 media briefings and press conferences held by the Technical Study Group and the Football Development department (three pre-FWC, five during the tournament)
- 64 podcasts recorded directly after every FIFA World Cup match by the TSG
- 15,000 data points collected per game
- 11 new and exciting metrics introduced to enrich the coverage and analysis of every game with the Enhanced Football Intelligence service
- 64 post-match summaries published with extensive data and statistical information

- Over 400 players used the FIFA Player App that improves players' access to and use of match data, based on the FIFA Football Language
- A FIFA data centre in Wales collected the data on which the analysis was based. For each match, individual analysts covered one player each, collecting data on a huge number of variables before sending their results to the analysts on-site

Accreditation

- 11 accreditation centres opened, including 2 centralised Accreditation Facilities
 - 1 Main Accreditation Centre of 5,000 sqm and 1 at the IBC/Main Media Centre
- Approximately 180,000 accreditation devices printed

Volunteers

- Over 400,000 registrations received, a FIFA World Cup record
- 58,000 prospective volunteers interviewed (by 500 "Pioneer volunteers")
- 20,000 volunteers selected from 150 nationalities
 - 17,000 residents of Qatar and 3,000 international volunteers
 - From 18 to 77 years-old, with an average age of 33 years-old
- 16,000 volunteers attended the Orientation Event in Doha in September 2022
- +1,300 hours of training delivered by the Volunteers Training Team
- +350 in-person training sessions hosted in the Volunteer Centre
- Volunteers completed 160,539 shifts, which represents 1,284,312 hours volunteered
- From 14 November to 18 December, volunteers booked over 19,000 sessions to visit the Volunteer Centre – HUB and participate in exclusive activities such as the Trophy Tour, match streaming and cultural events
- Digital HUB engagement on an exclusive platform on Microsoft Teams live during tournament time: 159 newsfeed posts, 12 online and in-person challenges and 49 discussion posts which generated a combined 2,865,468 likes and 1,219,524 comments. Over 30,000 submissions were received of photos and videos related to the online challenges

Spectator Services

- 6,757 spectator service volunteers assisted with information, wayfinding, ticket check, ushering, accessibility services, information points, lost and found and much more in the 8 stadiums
- 56,088 restricted items were safely stored at the restricted items storages outside the stadiums
- 6,530 baby strollers were stored during the tournament
- 3,997 lost items were found at the stadiums

Opening Ceremony on Sunday, 20 November, at Al Bayt Stadium

The 26-minute Opening ceremony amazed the thousands in attendance and billions watching around the globe. Narrated by Academy Award-winning actor Morgan Freeman and featuring Jung Kook from

Korean supergroup BTS, the ceremony showcased Qatari culture and heritage while highlighting football's ability to unite people from different countries and cultures. A host of special guests from Qatar took part in the ceremony, including Ghanim Al Muftah, Dana and Fahad Al Kubaisi – and they were joined by hundreds of performers and tournament volunteers.

Cast & Crew

- 505 cast (professional dancers, volunteers, and performers)
- 350 show crew (stagehands, pitch cloth and crew)
- 400 large scale stage crew
- 7 headline talent Performers
- 50 EMC venue team & headline talent management
- 45 core EMC crew (choreography teams, producers, control room team, stage management & broadcast crew)
- 13 technical management crew
- 127 technical suppliers

Technical

- 450 lighting fixtures
- 7000m of electrical cable
- 160 pyrotechnic firing positions
- 12,400kg of fireworks
- 63,000 spectator giveaways
- 12 tons of staging and scenic equipment, including 36 custom wheels
- 400 stage crew in total
- Aerial system build
- 2 stages suspended from catenary system, 3 large scale stage sections on Field of Play
- LED screen flown from aerial catenary system
- Total weight of stages and scenery 5,000 kg, all suspended from 6 steel wire rope aerial catenaries
- Full field of play projection canvas with 24 x laser projectors
- Enhancement of stadium audio overlay

3rd Place award ceremony on Saturday, 17 December, at Khalifa International Stadium

The ceremony took place immediately following the final whistle, 15 minutes for stage build and set up

Cast & Crew

- 10 EMC Core Team & Stage Management
- 120 Stage Crew
- 50 Volunteers

Technical

- 22m x 5.9m stage

- 16 Stage Sections
- 1 FWC Scenic Emblem
- 1 Player Stage Board
- 38m Field of Play Cloth

Closing Ceremony on Sunday, 18 December, at Lusail Stadium

The 12-minute Closing Ceremony was inspired by celebrating the world coming together for the 29 days of the tournament. From the Opening Ceremony that celebrated bridging the gaps and getting to know one another despite our differences, to a month of football celebration, to the final bow – a musical poetic familiar song performance that leads us to a mash-up performance of (Hayya Hayya) Better Together, Arhbo and Light the Sky from the FIFA World Cup Qatar 2022™ Official Soundtrack

Cast & crew

- 303 (professional dancers, volunteers, and performers)
- 11 headline talent performers
- 410 show crew (stage and pitch cloth)
- 28 show operators (2 video/ 2 audio/ 2LX/ 16 follow spots/1 comms/ 5 pyro and SFX)
- 40 wardrobe & make up team
- 30 projection & content creators
- 50 lighting team (engineers & designers)

Technical

- 620 lighting fixtures
- 7 generators for ceremony power
 - 4 x 350KVA generators
 - 3 x 500KVA generators
- 17 KM of feeder cable
- 7,500m of electrical cable
- 36 x 32k laser projectors
- 3,750 pyrotechnic shots from the stadium roof (closing ceremony and trophy award)
- 10 flame carts on the field of play

Trophy & Awards presentation, Sunday 18 December, at Lusail Stadium

After the final whistle, a 22-minute trophy and awards presentation took place on the field of play

- 160 stage crew
- 33 metres long stage
- 15 metres wide (large loop)
- 9 metres wide (small loop)
- 14 stage sections
- 5 rolling stages, 3 with LED panels
- 3 pyrotechnic carts for field of play with 51 fire positions
- 360-degree pyrotechnics activated from stadium catwalk

- 15 CO2 jets on the field of play

Welcome to Qatar shows: from 19 November to 18 December 2022 at the Corniche

- 173 daytime shows, 4 minutes each in duration
- 2 enhanced evening performances on Opening Nights, 15 minutes each in duration
- 28 evening performances, 12 minutes each in duration
 - 1 Icon (17m high, 14,500kg)
 - 500 drones
 - 156 lighting fixtures
 - 140 fountains
 - 6 lasers
 - 20 flame units
 - 80 pyro shots per show
 - 200m of water mist lines
 - 8km of cables
 - 6 projectors
 - 74 speakers
 - 2 water screens

Stadium pre-match ceremony

- The goal of the pre-match ceremony was to welcome the two teams to the field of play, to celebrate their national identity and build excitement and the sense of occasion for those watching inside the stadium and around the world
 - 120 volunteers carried the 3 banners (90 people), the letters (10 people) and the stage (20 people). Each central banner was designed to reflect the stadium specific branding
 - The 8 inflatable trophies were 8 metres high and 3 metres wide – it took 40 seconds to inflate them
 - The centre circle banner was 38 metres wide
 - The two country banners were 25 metres high and 20 metres wide
- The show included:
 - 8 moving flames
 - 12 LED strobes
 - FIFA World Cup Qatar 2022™ 3D tournament branding
 - 12 automatic light beams
 - 200 pyros
 - LED content
 - Specially composed music

Medical Services

- Number of clinics: 118
- Number of ambulances: 340 (all types, all venues and business as usual), 8 per stadium.

- Number of mobile medical team on sites: 14-29 teams (x 2 people) per stadium, according to the size of the stadium. 1-2 teams at some of the official venues (Outside Presentation Facilities, QNCC/IBC/MMC)
- Number of field hospitals: 4 (one between 2 stadiums, changed every day) + 1 extra as back-up
- Number of team doctors: 32
- Total number of medical staff: 4,720
- Maximum emergency response times:
 - Hotels and foot patrol teams: 3 minutes
 - Tournament ambulances: 5 minutes
 - Regular community ambulances: 10 minutes
- 8 tent clinics, each with 3 beds - one at each stadium
- Every stadium had 5 defibrillators on the pitch, one in every clinic, one in every ambulance and one with every roaming team – for instance, Lusail stadium had a minimum of 54 AEDs during match days

Anti-doping programme

- 2,846 doping control tests conducted in and out of competition
- 369 tests, resulting in a total of 941 samples, carried out during the FIFA World Cup
- 3,909 total samples produced by FIFA directly
- 4.6 was the average number of times every player from the eight teams that qualified for the quarter-finals were tested since January 2022, with some of them tested up to ten times

Integrity

- 8 organisations cooperated with FIFA within the Integrity Task Force, including representatives from law enforcement authorities, international entities and betting monitoring companies
- 64 matches monitored
- 605 average number of monitored bookmakers
- 0 suspicious matches detected

Transportation from 20 November – 18 December 2022

- Number of passengers per transport options:
 - Doha Metro: 17,444,586
 - Bus: 5,587,706
 - Lusail Tram: 779,958
 - Rideshare: 795,127

Tournament fleet

- **764 cars and vans** provided by Hyundai and Kia
- 445 coaches, midi coaches and mini coaches
- 912 fleet drivers and 1,050 bus drivers
- 93,373 bus journeys covering 3,548,174 km (from 20 November to 21 December)

- 14,982 fleet journeys covering 7,365,115 km

Venue logistics

- Crew members to deliver FIFA World Cup Qatar 2022: 1800+
- Trucks to move furniture, fixtures & equipment: 98+
- Golf carts used: 424

Customs and Freight

- Number of countries shipments arrived from: 37+
- Total shipments received (KG): 3,455,714+
- Total SQM of warehouse space used: 30,000+
- Number of incoming pallets moved: 14,000+

Security

- 12,456 personnel performing private security duties (guarding and stewarding)
- 85 official venues covered by Q22 security forces
- Between 400 and 1,029 Q22 Security guards per day in each stadium on match days
- Appr. 140 hours of training per guard (3 levels of training)

Language services

Translation

- FIFA World Cup Qatar 2022 LLC (Q22)
 - 2,041,410 words were translated, equivalent to around 8,165 pages
 - Creation of an Arabic-English glossary for the event with 3,372 entries
- FIFA
 - 400,000 words were translated during the FIFA World Cup
 - First time FIFA sent a subtitling team to the World Cup
 - 95 videos were subtitled, i.e. 150 minutes
 - Subtitles broadcasted in 12 different languages
 - Projects: Budweiser Player of The Match, FIFA Summit, FIFA Unites the World campaign

Interpretation

- This is the first major event that used a full cloud based remote interpretation system with around \$1,3 million USD savings in equipment only, compared to previous FIFA World Cups
- This shift of technology made it possible to better integrate the interpretation services with the broadcasting, allowing a bigger audience to be able to use and enjoy the languages offered
- The audience accessing different languages feeds included IPTV users, Media Rights Licensees, onsite and online press conference participants, Media Hub, YouTube users, etc.
- Number of events interpreted during the FIFA World Cup: 277

- Total end number of interpreters: 52 interpreters (29 on site, 23 online)
- Number of languages interpreted: 15

Food and Beverage (stadium concessions)

- Total number of food and beverage products sold including Coca-Cola, Budweiser and Mengniu products: 3,765,771
- Hot snacks (Beef burgers, hotdogs, chicken shawarma): 680,656
- Hot beverages (Karak & Black Tea): 104,573

Youth Programme

- A total of 3,200 kids participated in the FIFA World Cup Qatar 2022™ Youth Programme
- 37 schools/academies
- 105 nationalities among all participants
- 160 chaperones
- Total number of participants
 - Flag bearers: 1,152
 - Players escorts: 1,408
 - Ball crew: 192
 - Wanda FIFA flag carrier: 384
 - Kia official match ball carrier: 64

FIFA Fan Festival

- 1.9 million visits to the FIFA Fan Festival in Doha – relive the FIFA Fan Festival at the FIFA World Cup 2022 in Qatar [here](#)
- 1 million visitors' milestone reached on Friday, 2 December after 14 days of football, music, and entertainment
- The 145,000 square meter and 40,000 capacity venue welcomed an average of 70,000 visitors per day with the highest attendance on 24 November with 98,977 visitors
- 146 music artists performed 162 hours of live music
- 319.25 operational hours
- Total volunteer shifts: 13,358
- FIFA Fan Festival had, for the first time, an official anthem. *Tukoh Taka* from acclaimed music stars Nicki Minaj, Maluma and Myriam Fares, debuted as #1 iTunes song in the US as well as #1 on the YouTube list of global top music videos the week of its release

International FIFA Fan Festival

- The fun, entertaining and joyful atmosphere of the FIFA Fan Festival in Doha's Al Bidda Park was felt around the world with 6 global destinations hosting International FIFA Fan Festivals of different sizes during the FIFA World Cup Qatar 2022
- The events were held in collaboration with Budweiser, the first Commercial Affiliate in FIFA World Cup™ history to host International FIFA Fan Festival™ events, together with sister brands Corona and Brahma, in the following cities: London, Mexico City, Rio de Janeiro, São Paulo,

Seoul, and Dubai. Coca-Cola hosted a seventh International FIFA Fan Festival in Riyadh, Saudi-Arabia

- These events welcomed around 460,000 visitors across the venues during the tournament

Host Country Fan Destination

- Over 7 million visits to official Host Country fan destinations, including the FIFA Fan Festival.
- The Corniche: total attendance of 4,278,000 visitors from 20 November to 18 December, with the highest attendance of 235,000 visitors on 18 December
- Lusail Boulevard: total approximate attendance of 1,001,500 visitors from 20 November to 18 December
- Arcadia: total attendance of 100,239 visitors from 20 November to 19 December
- Industrial Area Fan Zone: total attendance of 559,524 visitors from 21 November to 18 December
- Al Khor Fan Zone: total attendance of 141,939 visitors from 21 November to 18 December
- Hayya Fan Zone: total attendance of 99,316 visitors from November to 18 December
- MDLBEAST: total attendance of 54,338 visitors from 21 November to 18 December with 56 artists performing during this period

FIFA World Cup Trophy Tour

- In partnership with Coca-Cola, the FIFA World Cup Trophy Tour has been bringing the most iconic trophy in the world to fans globally since 2006.
- For the first time, FIFA and Coca-Cola offered all 32 qualified nations the chance to see football's biggest prize up close prior to the opening of the tournament.
- In total, the 2022 edition stopped in 51 countries and territories, giving fans of all ages a taste of the excitement that was to come in Doha. Approx. 300,000 people saw the trophy. Among the countries visited, 10 had never been visited before.
- The trophy experience during the FIFA World Cup included 61 activations and more than 300 hours of the trophy in display.

International Consular Services Centre

- 41 Embassies present at the Doha Exhibition and Convention Centre
- Serviced 1500+ visitors

Accommodation

- 2.1 million room nights delivered over the duration of the tournament
- More than 130,000 rooms delivered, including 2-5* hotels, cruise ships, desert fan villages and apartments & villas
- 550,000 international guests made over 186,000 bookings
- 26 November 2022 was the tournament's peak night with over 98,500 rooms booked
- Top nationalities for accommodation bookings: Saudi Arabia, United States, Argentina, Mexico, India, Kuwait, United Kingdom, Morocco, Brazil, IR Iran

Sustainability

[Sustainability achievements film](#)

[Sustainability Reporting Site](#)

Governance

- The FIFA World Cup Qatar 2022™ is the first World Cup to be certified to the international standard ISO 20121 for sustainable event management systems
- The FIFA World Cup Qatar 2022™ [Sustainability Strategy](#) supports both FIFA's vision and Qatar's National Development Goals
 - The strategy comprises 5 commitments, underpinned by 22 objectives and over 70 initiatives

Anti-discrimination

- All staff, volunteers, and private security personnel were [trained](#) on anti-discrimination
- Human rights and anti-discrimination assessors were present at all matches to support the identification in real-time of both prohibited and permissible messages
- During all matches, the [FIFA Anti-Discrimination Monitoring System](#) as well as the 3-step procedure for discriminatory incidents were implemented
- Each of the 64 matches was observed by two anti-discrimination match observers
- [NO DISCRIMINATION](#) education, awareness and action campaign was implemented with a special focus on [International Human Rights Day](#) on 10 December during the FIFA World Cup Qatar 2022 quarter-final matches

Human Rights and inclusivity

- First FIFA World Cup with a dedicated [Human Rights Grievance Mechanism](#) (HRGM) for all participants and attendees
 - The mechanism is for anyone that believes their or another person's human rights have been violated in connection with FWC2022. The complainant can be a person inside or outside Qatar, e.g. fans, workers in the global supply chain, media, human rights defenders, etc
 - The mechanism was and is still available for a short time after the event in seven languages and allows for secure and anonymous reporting
- First FIFA World Cup that engaged a diverse group of people as Human Rights Volunteers in efforts to learn about experiences of spectators and local communities in a structured manner, and for that information to be assessed and if needed, acted upon
 - Almost 100 human rights volunteers and team leaders worked across all tournament sites

Accessibility

- Average 4.5 out of 5 satisfaction rate with accessibility services reported by accessibility ticket holders
- 5 types of accessibility tickets (Wheelchair User Places, Easy Access Amenity, Easy Access Standard, Easy Access Extra-Width and Sensory Room tickets)
 - 22,509 Accessibility Tickets sold (and 19,728 free tickets provided for companions) representing 76% of the available accessibility tickets inventory
- Stadiums were fitted with accessible infrastructure, including dedicated accessible parking and priority lanes, toilets, routes, resting points, concession lines and seating
 - Around 1065 accessible parking spaces reserved for accessibility ticket holders across all stadiums, located in the immediate vicinity of stadiums to facilitate arrival and departure for disabled fans and fans with limited mobility
 - At least one Changing Places Toilet was provided at each stadium
 - Resting places were placed around the stadiums
- Mobility assistance services were provided at all eight stadiums. Golf carts and wheelchair escort services were available to help people reach their seats comfortably and dedicated accessibility staff and volunteers were on hand to provide support and information
 - 436 spectator services volunteers and 33 contractors were dedicated to the provision of mobility assistance services
 - 3 to 6 mobility assistance stations available per stadium
 - Minimum 10 golf carts and 22 wheelchairs per stadium dedicated to providing mobility assistance to disabled people and people with limited mobility
 - Minimum 93 golf carts dedicated to mobility assistance in the last mile to get to stadiums and other tournament sites
 - An average of 375 assists per match in Lusail Stadium
- First FIFA World Cup to offer audio-descriptive commentary for blind and partially sighted fans available globally through the internet. The service was offered in English and Arabic and available for all 64 matches, including the opening and closing ceremony
- First FIFA World Cup to provide sensory rooms for people with autism and sensory access requirements
 - These were provided in 3 stadiums (Education City, Al Bayt and Lusail) and covered 27 matches
 - These stadiums had specially designed rooms for people to withdraw to with sensory toys and mood lighting to help the person calm down if the excitement in the stadium bowl got too overwhelming
 - A total of 181 sensory room tickets were sold (89% of purchasable tickets). For each ticket there was an additional complimentary ticket for a companion, allowing children and adults with sensory requirements to attend matches in crowded stadiums, in some cases, for the first time
- Deployment of more than 800 low floor buses with ramped access as part of the public transport system

Sustainable buildings

[Sustainable stadiums document](#)

- First FIFA World Cup with a dedicated programme to manage stadium energy, water and waste impacts through design, construction, and operations
 - All 8 stadiums have achieved GSAS Sustainable building certification
 - First FIFA World Cup to achieve sustainable operations and construction management certifications in addition to sustainable design certifications. The 6 stadiums that have been operational since 2021 achieved GSAS sustainable operations certification before the tournament
 - The stadiums are energy efficient, with efficient cooling and ventilation systems, LED lighting and state-of-the-art building control systems. Stadiums are 30% more energy efficient than international benchmarks (ASHRAE 90.1)
 - Water vapour collected from cooling systems at stadiums is used to irrigate the surrounding stadium landscape
 - Between 70-90% waste was diverted from landfill during stadium construction.
- All stadiums were accessible via public transport, which includes Doha Metro, buses and trams. All ticketholders had free access to public transport during the entire tournament
- Stadiums were designed to be re-used and repurposed, with all but one of the stadiums having demountable components.
- According to the Host Country legacy plans, the upper seating tier of all the new stadiums built will be removed, making room for community facilities, such as clinics, schools, hotels and gyms. 170,000 stadium seats from 6 stadiums will be donated for alternate uses. Stadium 974 is the first fully demountable stadium in tournament history. It will be completely dismantled and repurposed

Stadium	GSAS Design & Build	GSAS Construction Management	GSAS Operations
Al Bayt	5 stars (March 2020)	A* (March 2020)	Platinum (September 2022)
Al Janoub	4 stars (April 2019)	A* (April 2019)	Gold (Mar 2022)
Al Thumama	5 stars (April 2022)	A* (February 2022)	Gold (September 2022)
Education City	5 stars (Jan 2020)	A* (January 2020)	Gold (August 2022)
Khalifa International	4 stars (November 2017)	A* (November 2017)	Gold (July 2022)
Ahmed Bin Ali	4 stars (August 2020)	A* (August 2020)	Gold (August 2022)
Lusail	5 stars (August 2022)	A* (February 2022)	Not targeted
Stadium 974	5 stars (August 2022)	A* (April 2022)	Not targeted

Climate Action

- The [ex-ante GHG Accounting Report](#), completed by international independent experts, and in line with the Greenhouse Gas Protocol Corporate Standard, estimated total GHG emissions associated with the tournament to be approximately 3,630,000 tons of carbon dioxide equivalent. A more detailed post-tournament study is currently being undertaken and will be published in due course
- Electric and hybrid vehicles used during the tournament included: 741 electric public buses (25% of total), 311 electric and hybrid tournament cars from Hyundai and Kia, 10 Hyundai buses (electric)
- 85 electric vehicle charging stations installed by the time the tournament started, and more than 100 by the end of 2022, to support the provision of eco-friendly transportation before, during and after the Tournament
 - This included 6 stations at the main event transport depot and 8 stations in stadium sites
- 800megawatt solar plant constructed in Qatar, helping to reduce emissions from the tournament and continue to produce clean renewable energy after the tournament. The plant has the capacity to cover 10% of the country's peak demand
- 1MW of renewable energy installed in stadium precincts and training sites
- Unavoidable emissions being offset through regional and international certified carbon credits

Waste recycling

- Extensive efforts were implemented to minimise waste and recycle used materials throughout the tournament

- tournament-wide recycling of plastic, aluminium, cardboard, paper and glass and composting of waste food and compostable tableware at all stadiums, training camps, and other official sites
- more than 2,000 tonnes of waste were recycled or composted, accounting for approximately 80% of waste from stadiums
- Almost 300 water fountains were installed in back-of-house areas and 29,000 number of reusable bottles provided to accredited personnel to help reduce plastic waste. This led to the avoidance of thousands of plastic bottles being thrown away
- Local charity Hifz Alnaema redistributed leftover food from stadiums and events to people in need
- All uniforms for workforce staff and 20,000 volunteers were made from recycled materials and distributed in bags converted from signage and stadium dressing from previous events
- 100% recycled PET bottles for Coca-Cola's range of beverages were used across official FIFA World Cup Qatar 2022™ venues, including stadiums and fan zones

Cleaning and Waste Management

- Official venues managed: 50
- Number of cleaning and waste management staff during the tournament: 5,550
- Bins used during the tournament: 14,500
- Sanitizer dispenser – all mounted: 2,500
- Sanitizer dispenser – stand: 500
- Sanitizer handled: 30,000 litres

Capacity Building

- Staff, volunteers and contractors were trained on anti-discrimination, recycling, tobacco control and accessibility. This included at least 12,000 staff and volunteers trained through online training modules
- 437 security commanders, and approximately 21,000 police officers and 17,000 private security staff received tailored made human rights training before the FIFA World Cup
- More than 400 professionals trained on sustainable building practices through the Global Sustainability Assessment System (GSAS) in collaboration with the Supreme Committee for Delivery & Legacy
- Tournament organisers worked with partners to train more than 950 hotel staff who attended specific inclusivity related training covering non-discrimination, human trafficking, and accessibility. In addition, more than 18 hours of content provided to participants from nearly 100 local hotels covered case studies, strategies and policies to encourage sustainable action and guidelines on how to obtain green certification

Sustainable procurement

- First FIFA World Cup to apply a [Sustainable Sourcing Code](#) for its procurement to protect human rights, reduce environmental impacts and promote economic development along our value chain
- Goods and services were procured locally wherever possible
- Sustainability audits of suppliers' adherence to the FIFA World Cup Qatar 2022 Sustainable Sourcing Code helped ensure sustainability requirements were implemented and performance was continuously improved over time:
 - 58 suppliers were audited between October 2021 and December 2022
 - 212 social and environmental audits including initial and follow-up audits for each supplier were conducted
 - 57% of the non-conformities raised during the first audit were addressed and closed by audited companies by the time of the last follow-up audit

Workers Welfare and Labour Rights

- First FIFA World Cup™ to establish a dedicated workers' welfare and labour rights team to oversee the protection of labour rights from the day construction began up until the delivery of the tournament
- The Supreme Committee for Delivery & Legacy (SC) developed contractually binding Workers' Welfare Standards (WWS) to ensure decent working and living conditions for workers. The WWS covered 30,000 construction workers at peak and 200,000 workers engaged with the wider tournament-services sectors such as hospitality, transportation and security among others.
- The WWS were enforced through a unique and robust four-tier audits and inspections system comprising contractors' audits, the SC's audits, external monitoring by Impact Ltd and ad-hoc inspections by Qatar's Ministry of Labour (MoL). More than 108,000 hours of audits and inspections completed to date, covering ethical recruitment audits, accommodation and site welfare inspections, and tournament-venue inspections.
- First-of-its-kind due diligence exercise conducted for the hospitality sector, covering 156 hotel operators who were providing services for the tournament, with an estimated 40,000 workforce. Hospitality was the first non-construction sector that implemented the WWS. 14% increase in compliance score across 134 hotels since their first engagement with the Supreme Committee for Delivery & Legacy (SC)
- Joint Working Group established with the Building and Wood Workers' International (BWI) to conduct joint health and safety inspections, facilitate training and review the SC's grievance mechanisms for workers. Over 83 joint inspections conducted.
- Through the SC's **universal reimbursement programme**, 266 contractors reimbursed QAR 86.6 million (USDM \$24 million) to more than 49,000 SC and non-SC workers who were charged illegal recruitment fees. Additionally, three hotel operators and service providers also reimbursed QAR 163,670 (USD\$50k) to 58 workers.
- The SC's three-tier grievance mechanism elevated workers' voices and ensured safe platforms for access to remedy. This included:

- o Workers' Welfare Forums that allowed workers to share grievances via elected representatives. 113 forums conducted at peak, covering 23,500 workers. Additionally, 70 hotels implemented forums as well. Trainings delivered to elected representatives to enhance their performance at forums, in collaboration with BWI, MoL and International Labour Organization (ILO). These forums also influenced the establishment of joint committees across Qatar.
 - o A dedicated grievance hotline allowed workers to report grievances anonymously. Available in 11 languages and operational 24/7. The hotline has received 2,441 cases of which 89.6% have been resolved. Hotline also extended to the hospitality sector.
 - o Appointment of Workers' Welfare Officers (WWO) across accommodations and project sites. More than 242 WWOs appointed at peak.
- A number of health and safety initiatives implemented, in partnership with world-renowned experts. These included:
 - o Comprehensive medical screenings to ensure early detection of underlying health conditions amongst workers and provide them tailored treatment plans. 43,726 screenings conducted. Results were documented in a centralised electronic medical records system – a first-of-its-kind healthcare initiative on a construction programme.
 - o Heat stress mitigation plan mandated for all sites. This included provision of cooled and shaded rest areas, water stations, medical care plans for workers and training and awareness on heat stress. Revolutionary cooling suits 'StayQool' were designed and deployed to protect workers from heat stress. StayQool reduced thermal skin temperature by up to 8C. 51,740 suits were deployed, in addition to 4,926 cooling vests to security guards and 13,159 balaclavas to workers exposed to dust or sun. The StayQool suits were piloted in non-construction sectors to explore its wider use for outdoor professions
 - o The SC also collaborated in a **heat stress study** commissioned by the MoL and ILO, the findings of which led to extending the ban on working in open workplaces from 10:00AM - 3:30PM between 1 June and 15 September (previously 11.30 AM-3 PM from 15 June to 31 August)
 - o **Nutrition programme** to improve dietary and lifestyle habits amongst workers and enhance nutritional value of meals served at mess halls
 - o **Training and up-skilling programme** that focused on enhancing technical and soft skills of workers as well as upskilling site medical staff to enhance their knowledge and response to occupational health and safety risks. Over 23,500 workers and staff covered. **Mental health pathway** introduced to eliminate barriers in receiving treatment. 8,439 workers screened to date.
- For the FIFA World Cup 2022™, a comprehensive operational plan™ was implemented to protect workers throughout the course of the tournament. This included:
 - o A robust pre-event due diligence process, including ethical recruitment and accommodation reviews, to help assure that the tournament supply chain was in

compliance with Qatar Labour Law (QLL) and the SC's WWS. In the 10 months prior to the tournament, audits were conducted for 361 contractors appointed to deliver services during the tournament.

- o From 19 November 2022 to 19 December 2022, venue inspectors met and interviewed 8,086 HC / Q22 / FIFA workers across 226 tournament contractors at the stadiums, training sites and supporting non-official venues. This engagement resulted in the identification of 726 non-compliances with the QLL and WWS, of which 86% were satisfactorily closed before the end of the tournament and over 99% were closed as of 15 January 2023
- o A group of students specialising in Occupational Health and Safety and Environmental Studies at the University of Doha for Science and Technology were given the opportunity to shadow venue inspectors on site and gain direct practical experience engaging with the tournament workforce on welfare related issues, helping support the SC's workers' welfare legacy objectives

Technology

IT Solutions and Equipment

- More than 4,400 spaces (rooms and technical areas) equipped
- Over 1,500 event laptops deployed
- Over 700 printers deployed
- Over 3,000 mobiles and more than 12000 SIM cards
- Over 900 phone lines (VoIP)
- Over 600 tablets and 6,000 TVs deployed
- More than 23 software applications covering both operations and fan engagement
- 30 GB of streaming data ingested per match
- >12M of streaming records ingested per match
- >645k of integration API calls
- 46 Integrations supported
- 212 Technology Services provided
- 6622 Operational Incidents managed
 - o 60 P1/P2 Incident overall with an average resolution time under 1 day
- 488 Change requests managed
 - o 47 Emergency changes

Network and Data

- A fully redundant wide area network across all stadiums, training sites and other key venues
- Bandwidth up to 20 Gbps per stadium
- Bandwidth ordered via Rate Card (MRLs) across all venues: 12.165Mbps/day
- Over 2,500 switches deployed
- 35,000 network ports
- 700km of fibre optic cable

- 2,700 km of copper UTP cable
- 4,800 Wi-Fi access points installed
- Total amount of data transferred:
 - Data generated during event: 925 Tb
 - Data consumed during event: 594 Tb

Connectivity by Ooredoo

- A full 4G/5G mobile network modernisation - incorporating the very latest, most advanced equipment and functionalities - ensured complete readiness for FIFA World Cup Qatar 2022™
- 11.4 million voice calls were made throughout the event, of which 63.1% were VoLTE, with a call success rate of 99.95%, and an incredible 646,000 fans used roaming
- 8,466 antennae placed in the eight stadiums supported the network, while a team of more than 500 experts on the ground ensured seamless service
- Lusail Stadium saw the highest figures, with 222TB data used and 2.9 million calls made throughout the tournament
- More than 1,130 multi-beam antennas connected over 355km of RF cables and over 202km of fibre optic, covering the eight stadiums and immediate surrounding areas with 4G and 5G
- Mobile network services with 5,000+ cells, 1,500+ DOTs, TETRA services and Wi-Fi backbone offered state-of-the-art 5G, 4G, 3G and 2G technologies at all eight stadiums
- More than 350 FIFA buses were provided with mobile broadband, with some 300 of these also fitted with managed Wi-Fi systems

Data Protection & Cybersecurity Risk

- Over 10B of malicious events such as bot attacks, malicious websites, malware, etc. detected and blocked by our protective systems
- Over 20M of malicious events identified and blocked targeting the log-in page and the ticket purchasing process
- 1,866 cyber incidents resolved with a total of 116 critical incidents
- 10,132 Data Subject Access Requests
- 17,501 users of internal FIFA systems
- 47M users with accounts on the legacy Ticketing Single Sign-On (SSO) and the new Fan SSO

VISA operations

- 5,300 contactless payment terminals installed at the FIFA World Cup Qatar 2022
- 89% of the VISA transactions at official FIFA venues were contactless
- The final between Argentina and France witnessed the highest payment volume and highest average transactional value

Knowledge transfer

- 177 Knowledge transfer/Observer programme delegates from 95 organisations, including international events organising committees, Sports Federations, Confederations and Sports Ministries.