



## IDEX 2019 Case Study

International Defence  
Exhibition & Conference

Abu Dhabi National Exhibition  
Centre (ADNEC)

A build overview and technical  
information guide.

[www.aes.ae](http://www.aes.ae)

ALL  
EVENTS  
SERVICES

**14th edition of IDEX  
Military Demonstration**

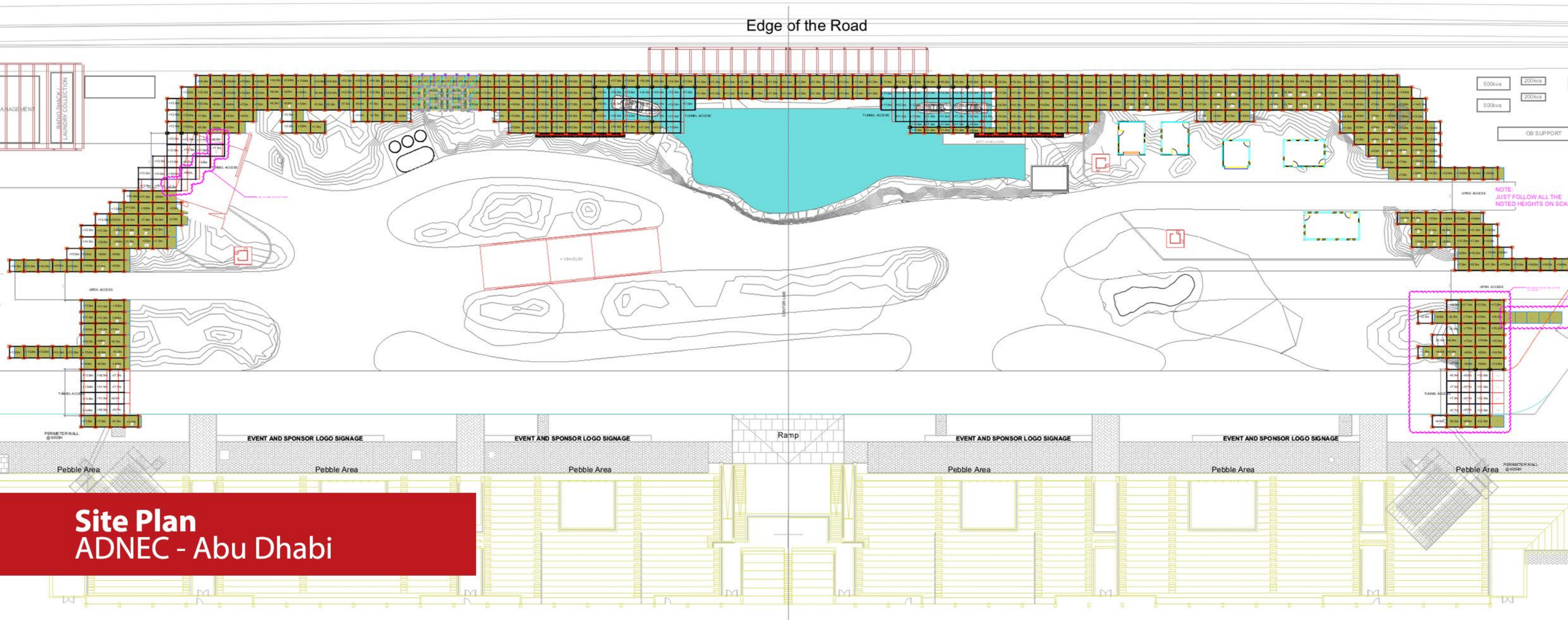


**In January 2019, All Events Services were contracted to supply over 25,000 cubic metres of scaffolding for the opening ceremony of the 14th edition of the International Defense Exhibition & Conference (IDEX) in Abu Dhabi.**

The IDEX opening ceremony is a military demonstration like no other. From the military jets screaming overhead and sinister drone swarms creating unpredictable skirmishes, to the fast moving armoured vehicle pursuits occurring amidst intense firefights on the ground. The demonstration is similar to an action pack Hollywood movie.

25,000 visitors watched the live action show over the five day event, including Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Ruler of Dubai, Sheikh Mohamed bin Zayed Al Nahyan, Crown Prince of Abu Dhabi and Deputy Commander of the Armed Forces.

AES were brought in by the event organizer, Protec, who took charge of all aspects of the show. From the initial creative concept and narrative to the original set design, graphics, build, complete show delivery and coordination completely transporting the audience to an active 'war zone'.

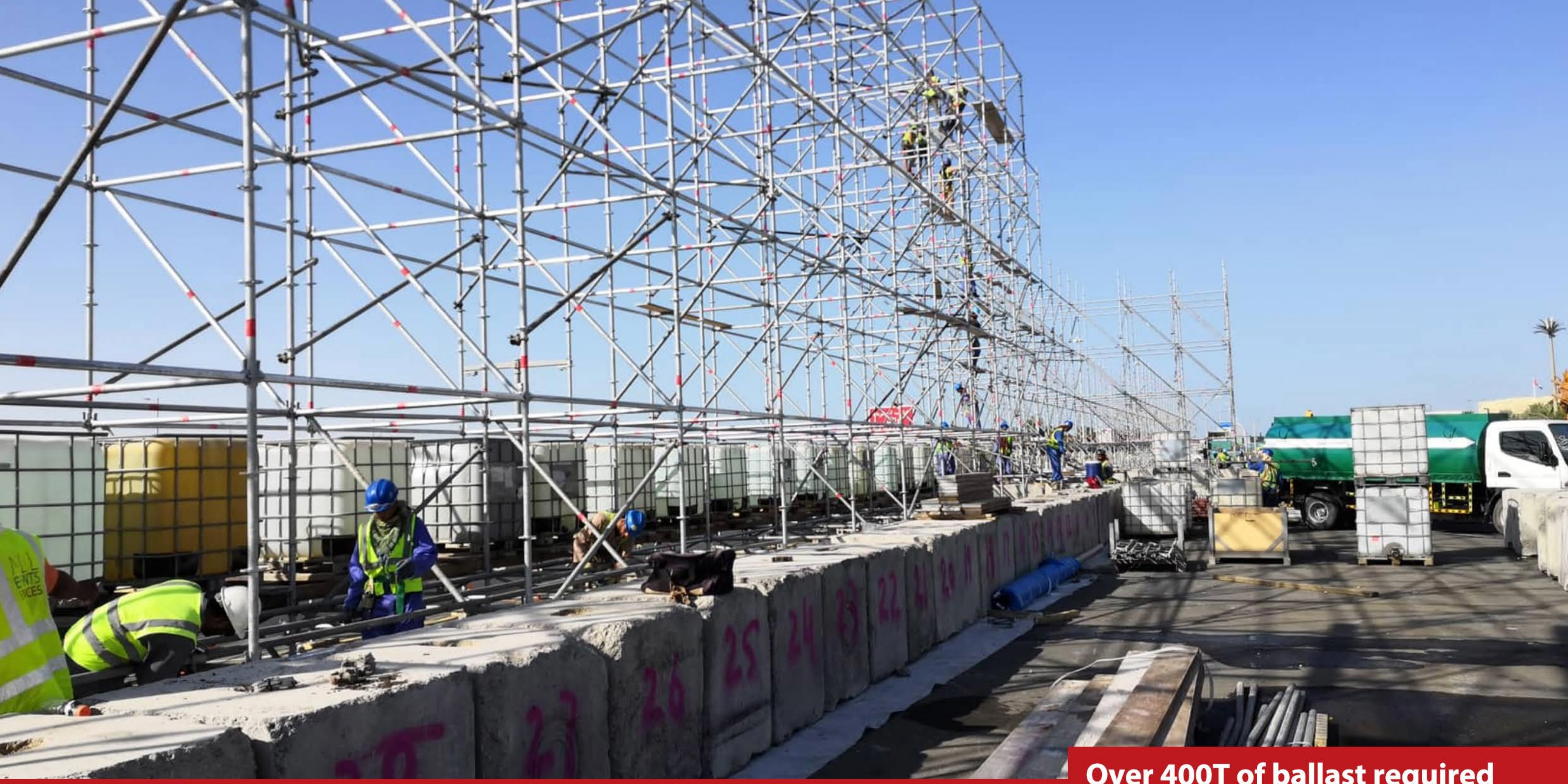


**AES provided a 350m long scaffold mountain range at 21m high, that supported multiple large LED screens, waterfalls and housed various tunnels. The AES team also built a scaffold house, habitat, ZIP line towers, staircases and provided 850m of heras fencing.**

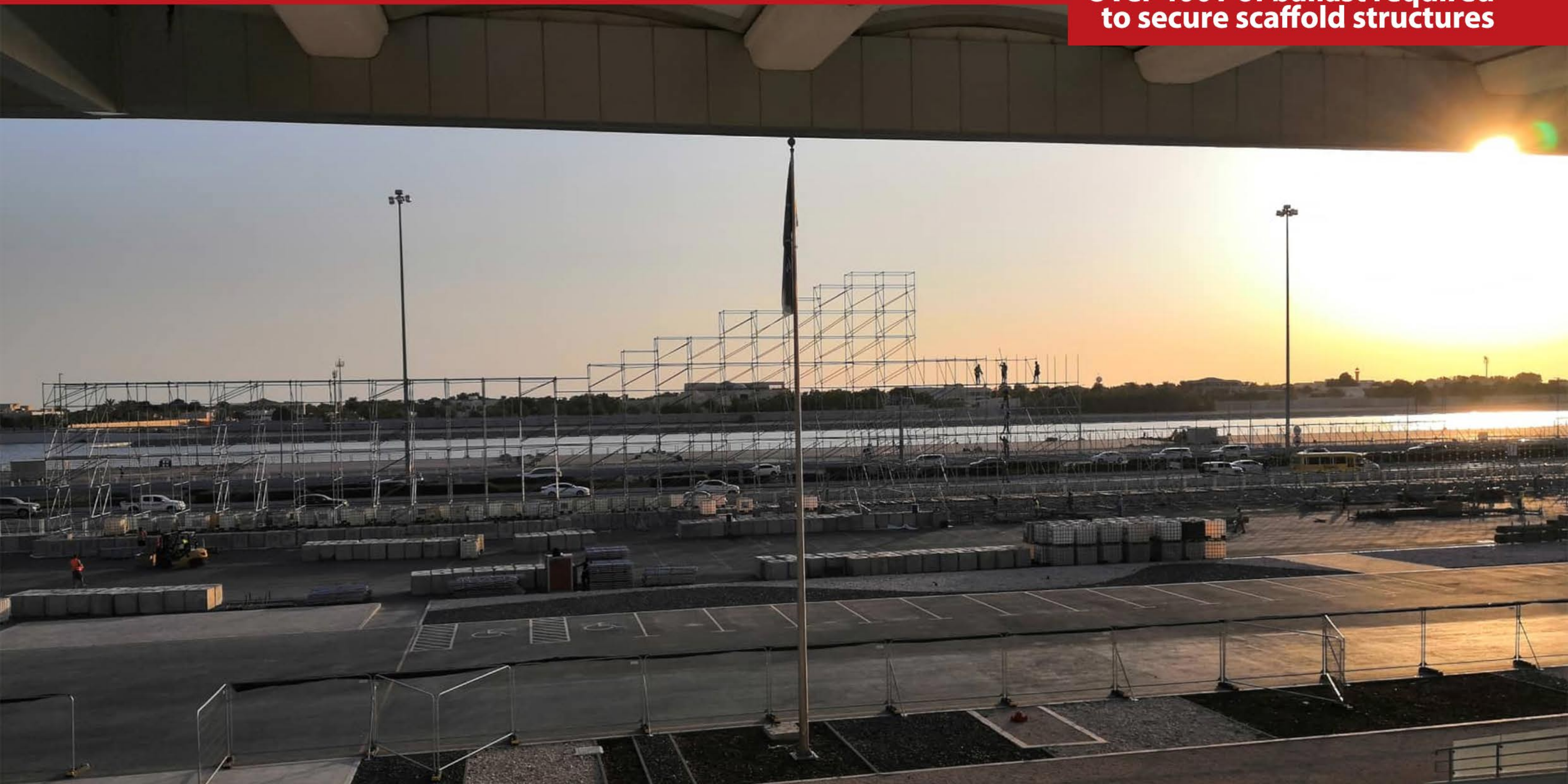
The hills and quarry rock facades themselves were built out of scaffold, which was decorated with a carpet fascia and fibre glass that was painted to resemble rocky and moss/grass covered mountains and finished off with artificial greenery and landscaping for the jungle area.

The structures themselves had to be strong enough to withstand powerful pyro explosions at various heights, soldiers' zip lining and a lot of personnel movement. Over 400 tonnes of ballast was used to secure the structures which worked well with the high and dangerous wind speeds experienced especially during the build-up.

The successful project was a challenging job due to the busy schedule at the venue, ADNEC is one of the busiest exhibition centers in the world, which meant the AES team had 8 days to complete the construction. Working alongside the Protec team, with their fit out and production teams, AES was able to deliver the whole structure build. For dismantle, the deadline was three days, which the team worked double shifts for site handover.

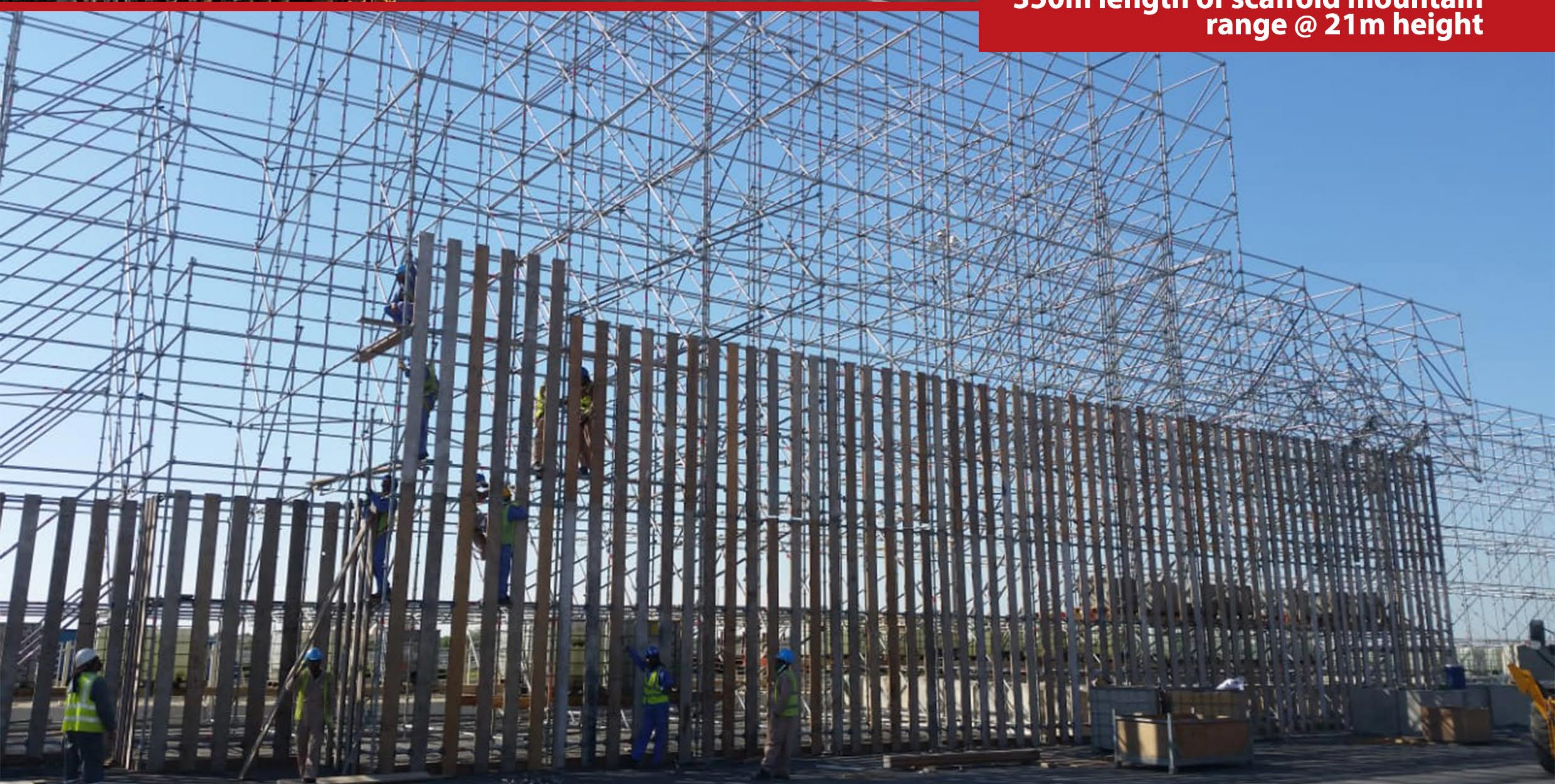


**Over 400T of ballast required to secure scaffold structures**





**350m length of scaffold mountain  
range @ 21m height**





**Scaffold boards attached to steel**



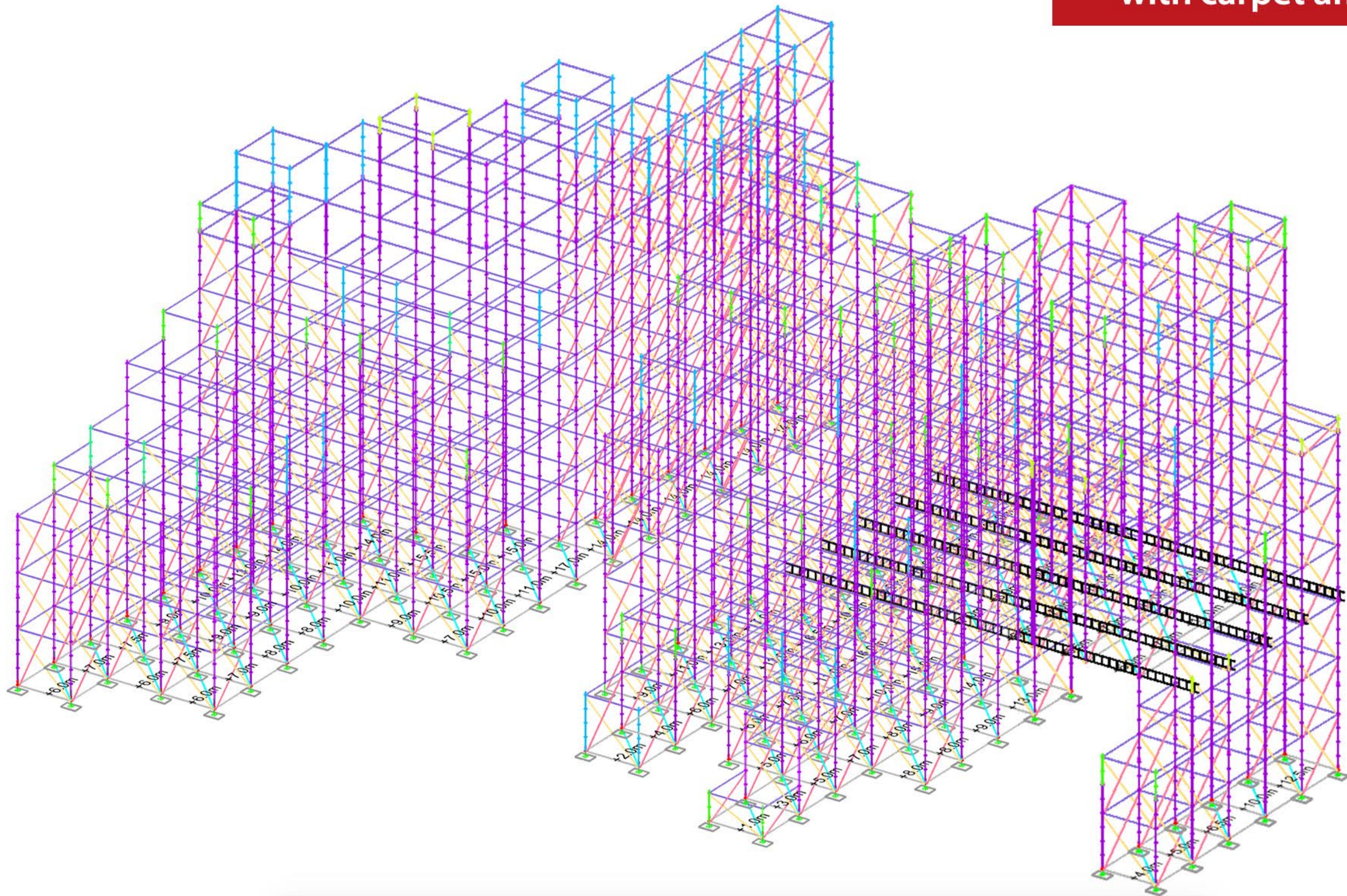


**Scaffold Mountains**  
Supporting LEDs & Waterfalls





Scaffold Structure decorated with carpet and fibre glass







**In attendance were senior government representatives from the UAE along with visiting heads of state and foreign dignitaries.**

**Including the Chechen Republic leader Ramzan Kadyrov, Tatarstan President Rustam Minnikhanov and Bangladesh Prime Minister Sheikh Hasina.**

**Also in attendance were Crown Princes of all the Emirates, defence ministers and senior military officers from over 100 nations, head of delegates (heads of state) and other senior officials.**



ALL  
EVENTS  
SERVICES

[www.aes.ae](http://www.aes.ae)    [info@aes.ae](mailto:info@aes.ae)  
(+971) 4 321 5599

Street 18, Al Quoz Industrial Area 1, 333986 P.O BOX  
Dubai, United Arab Emirates