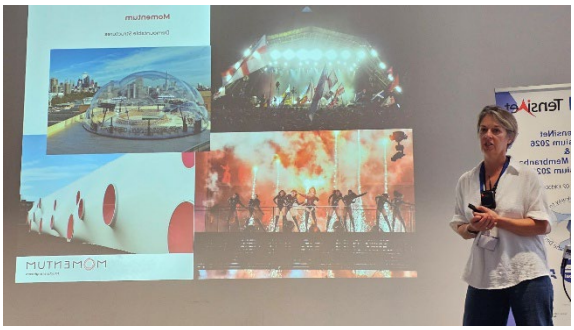
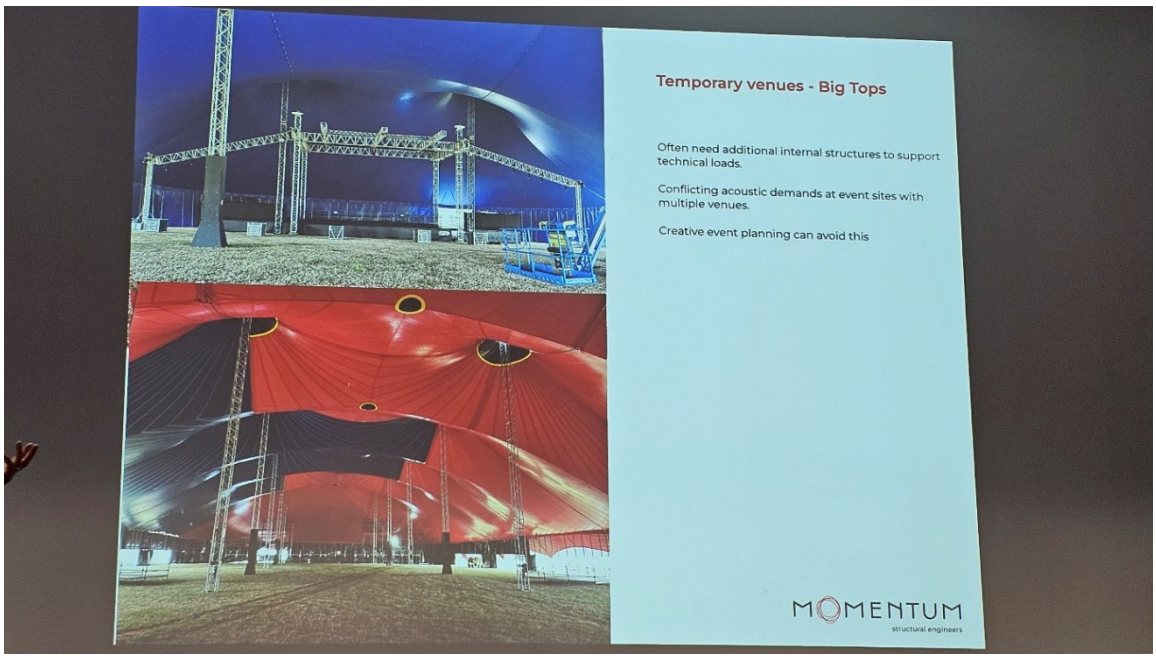
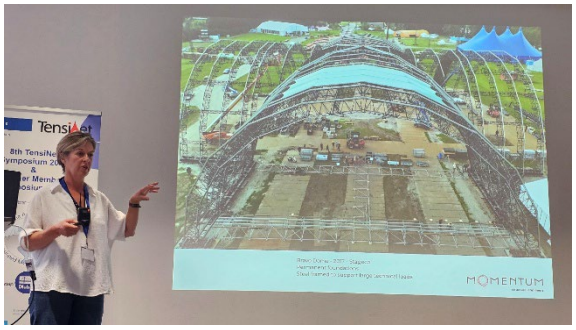
Membranes and rapid build entertainment venues – balancing light-weight forms with acoustic requirements.

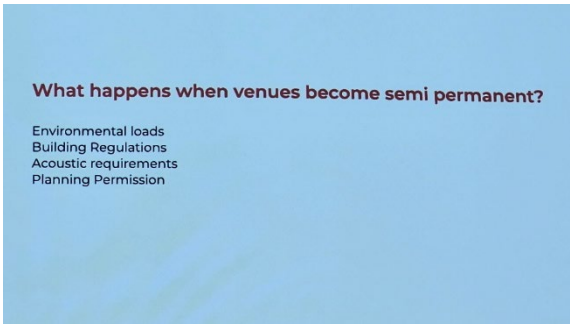
During the 8th TensiNet Symposium 2026 & 7th Essener Membranbau Symposium 2026 “Shaping the pathway to future tensioned membrane design”, **Abigail Matthews of Momentum** gave an interesting keynote lecture: Membranes and rapid build entertainment venues – balancing light-weight forms with acoustic requirements.



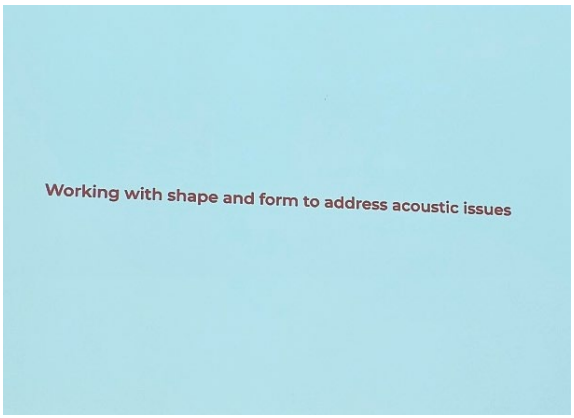


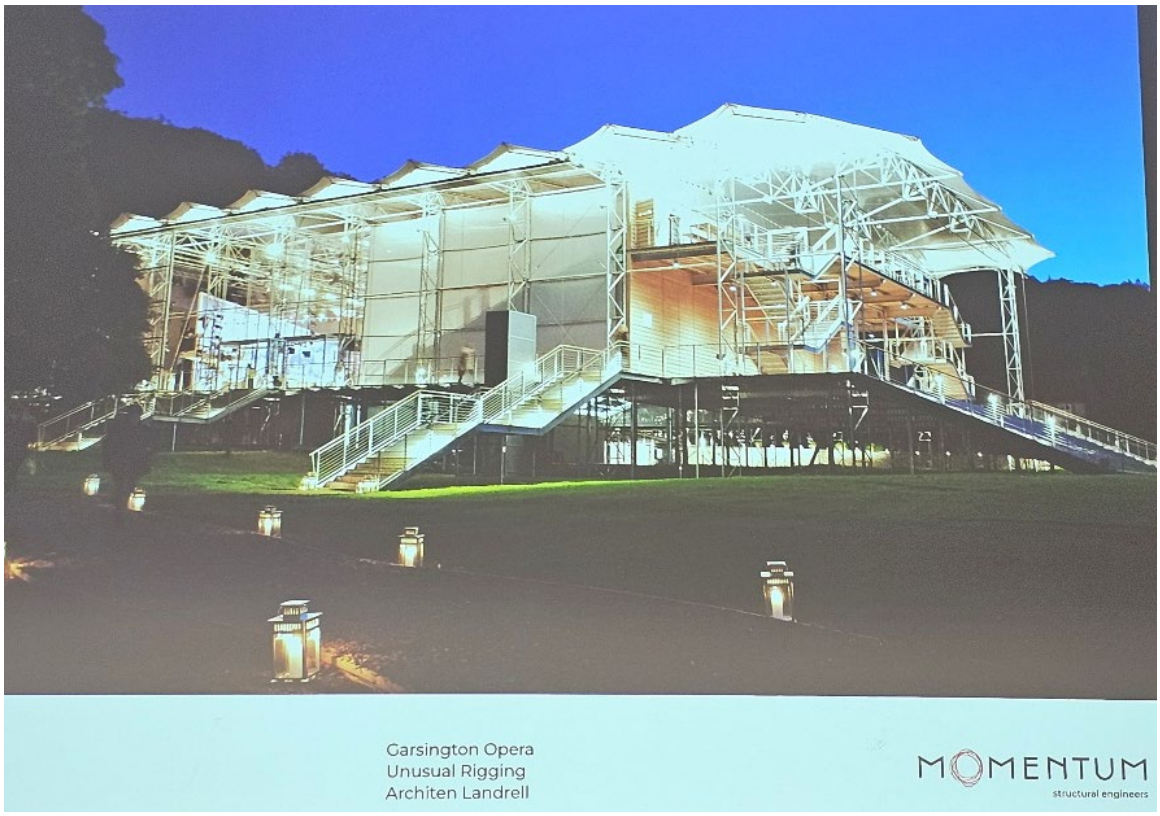












Trusses are typically re-used for rapidly built entertainment venues.

Generally, membrane skins have poor acoustics. The Skyscape building was insulated with a 'quilt', achieving a 35 dB sound reduction.

At the semi-open Garsington Opera venue, curved walls help to reflect sound in the right direction. PVC-coated polyester was used. Clear PVC lets light in.

It's always interesting to meet colleagues with their own particular areas of expertise!