

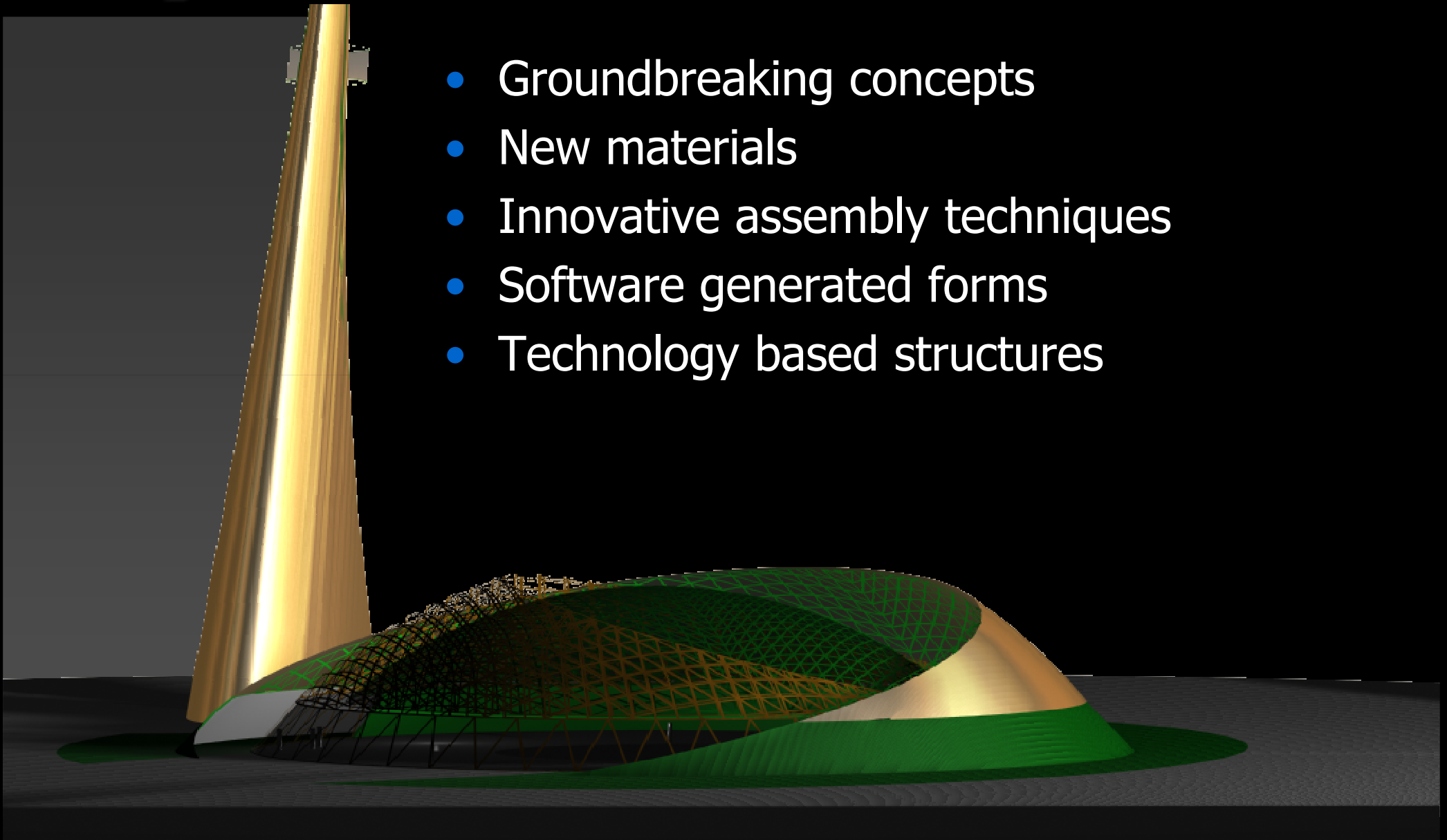
# Why Our Structures Work

- 35 years experience
- World leaders in portable architecture
- In house world class software
- Non linear membrane analysis
- Multi disciplinary practice
- Architecture & engineering



# Why Our Structures Work

- Groundbreaking concepts
- New materials
- Innovative assembly techniques
- Software generated forms
- Technology based structures

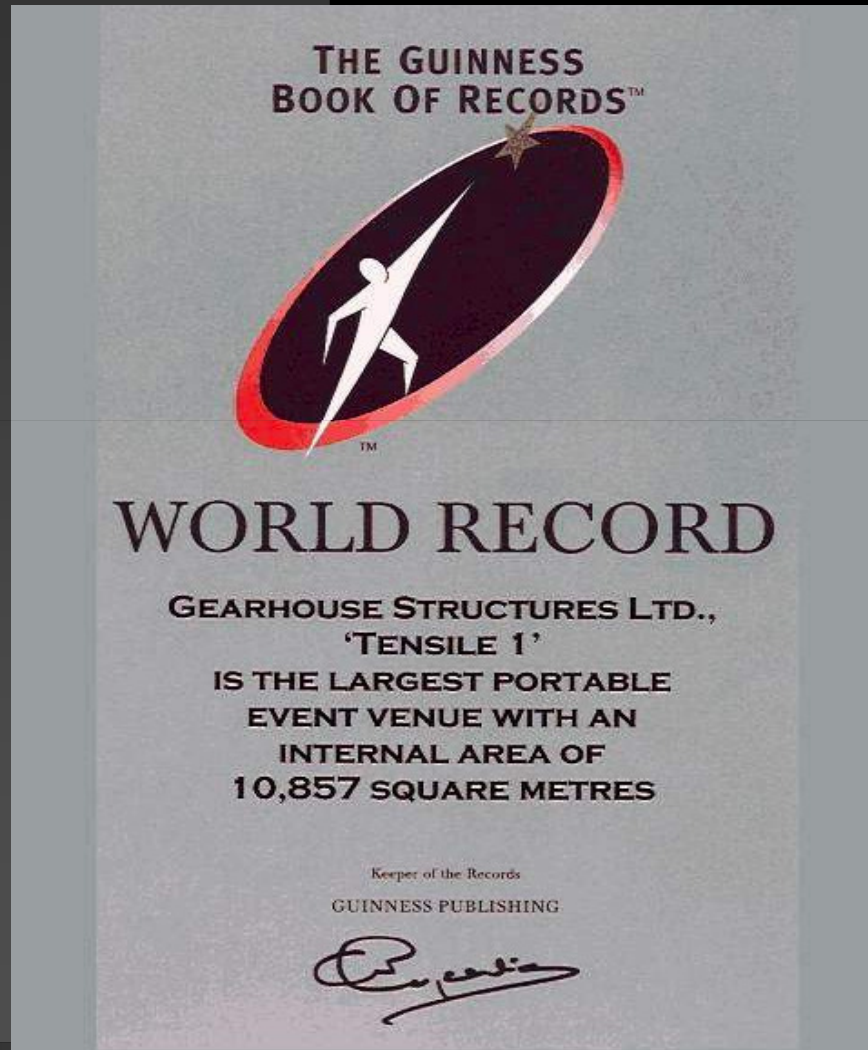


- Rudi Enos Design **VALHALLA**
- The largest portable structure in the world
- 84 metres by 160 metres or 275 by 525 feet
- Perimeter = 488 metres or 1,600 feet
- Weighs less than the air inside it



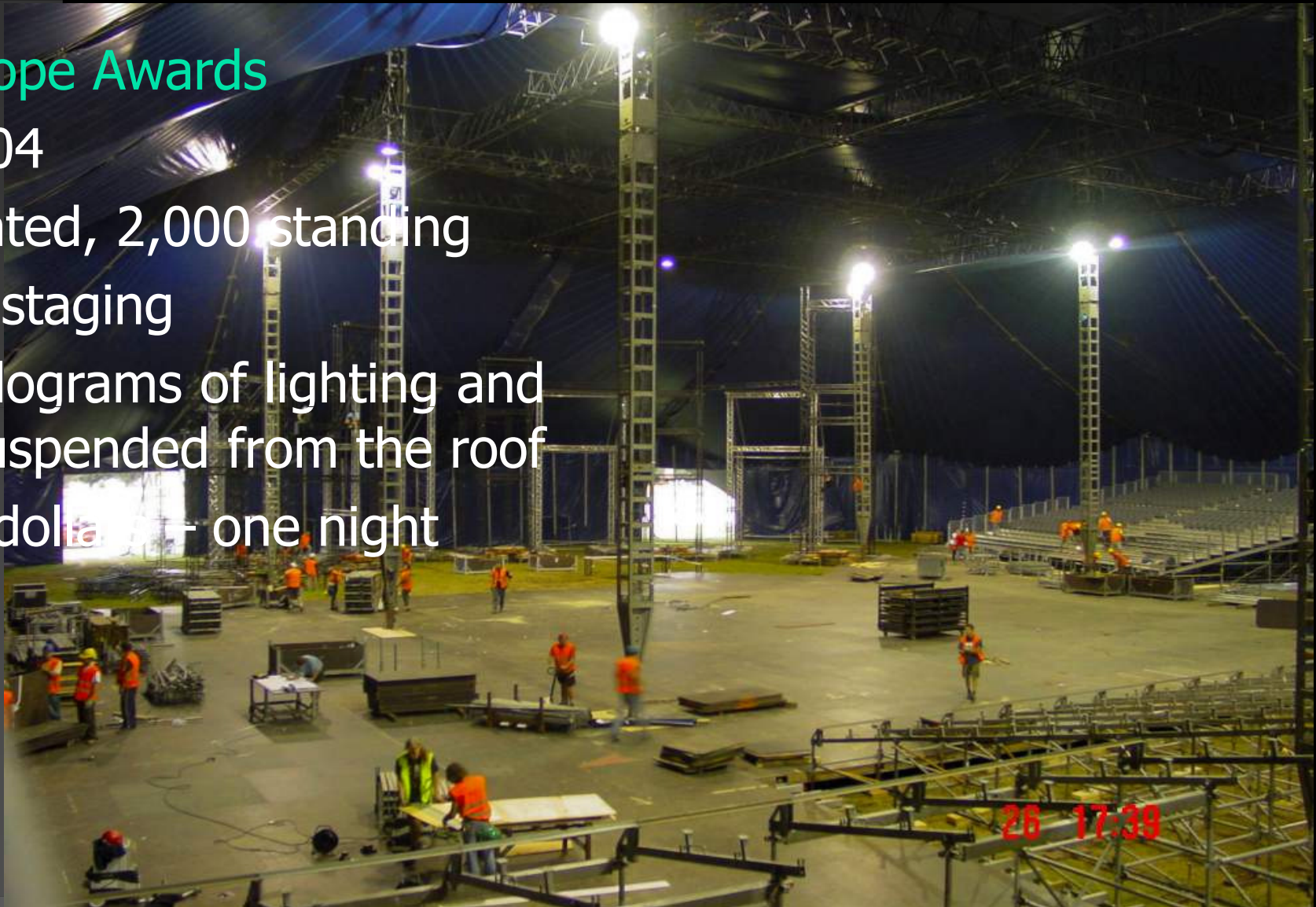
# Why Our Structures Work

- Valhalla – Guinness book of records - worlds largest portable venue



# Why Our Structures Work

- **MTV Europe Awards**
- Roma 2004
- 6,500 seated, 2,000 standing
- 1 acre of staging
- 88,000 kilograms of lighting and rigging suspended from the roof
- 8 million dollars – one night



# Why Our Structures Work

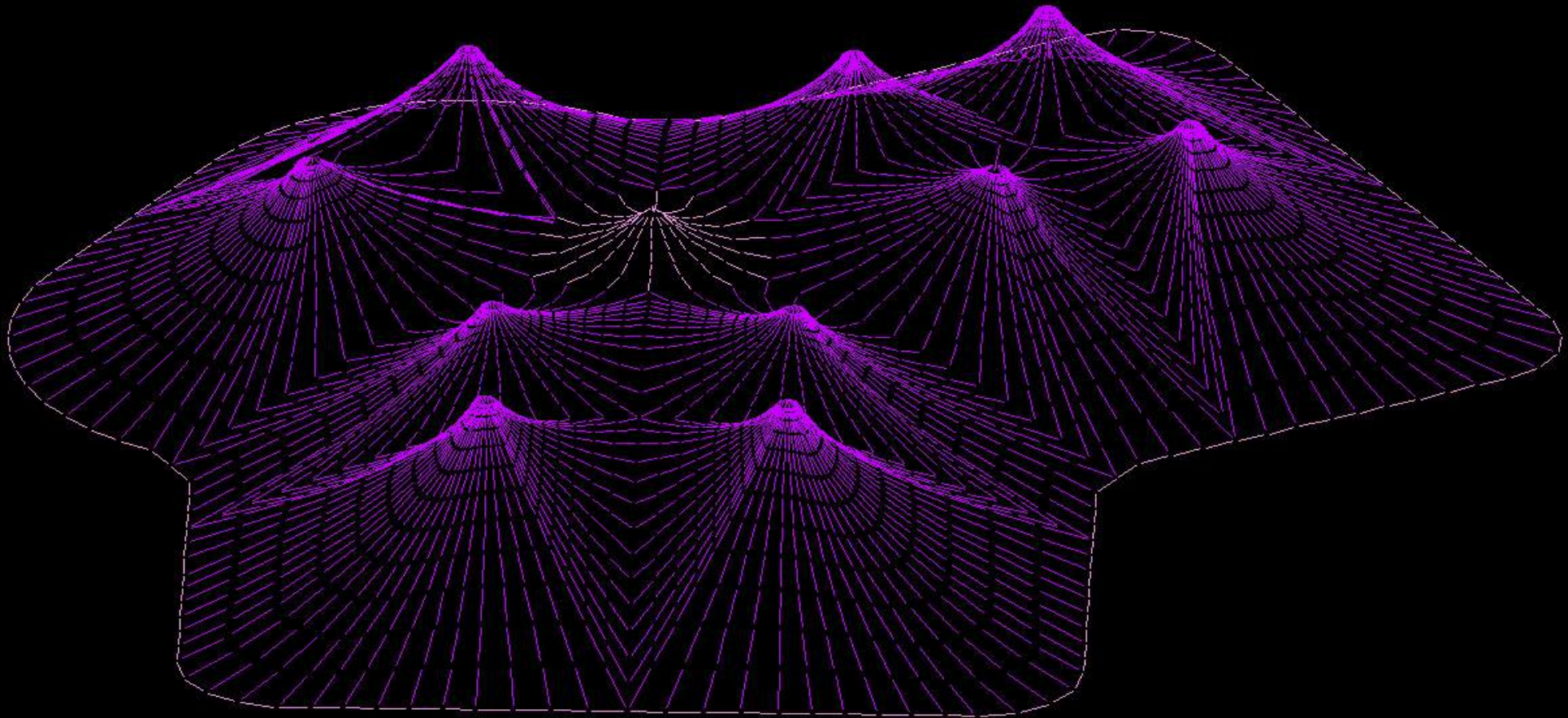
- MegaDome
- Expo displays
- Festival stages
- All weather
- World class Events
- Insurability

- **MegaDome** – largest clear span inside a temporary structure
- 20,000 capacity with walls, 40,000 capacity with open sides



# Why Our Structures Work

- Cable Net construction
- Composite between membrane and webbing



# Why Our Structures Work

- 7 tonne and 5 tonne belts everywhere





# Why Our Structures Work

- Membrane detailing
- Minimum supports
- All welded construction



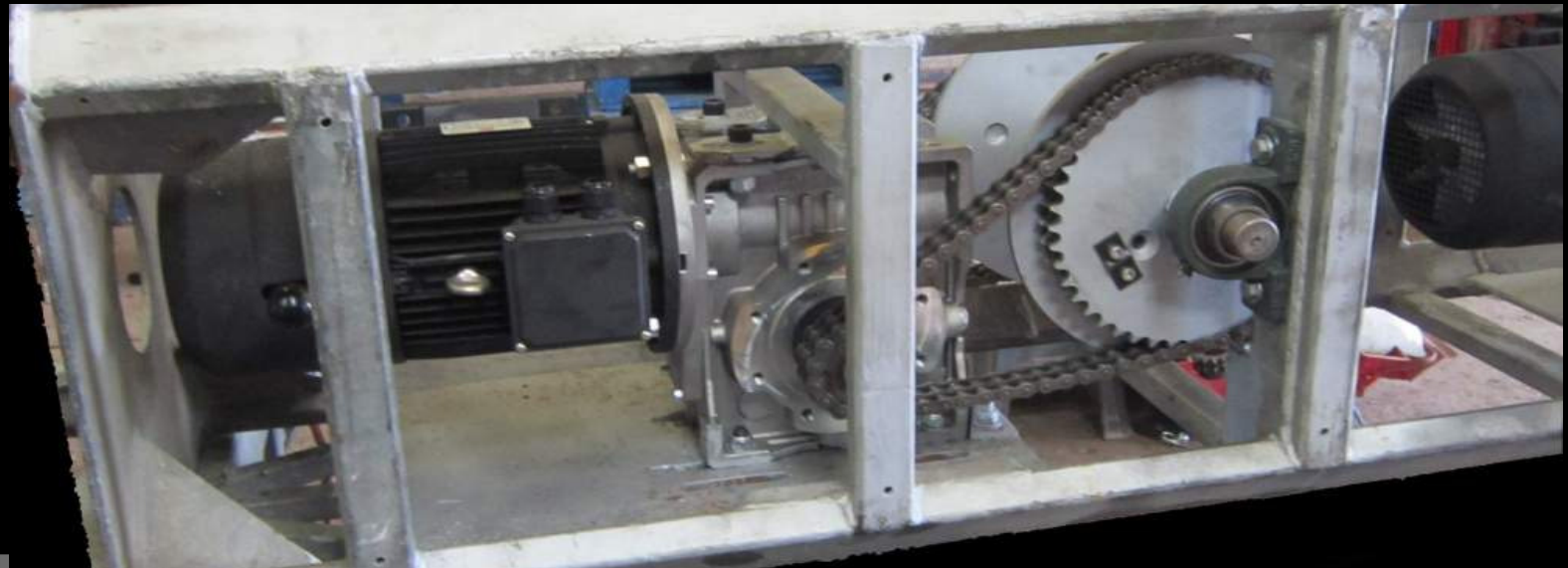
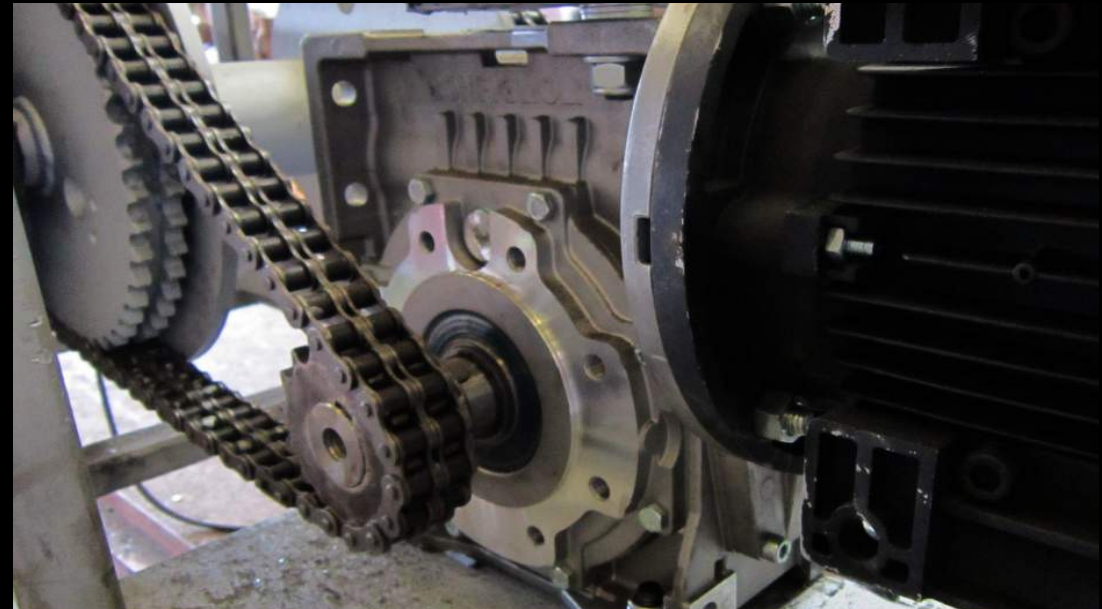
# Why Our Structures Work

- Incredible strength – use and abuse
- Less maintenance issues
- Less inspection issues



# Why Our Structures Work

- Mechanised erection
- Reduced component count
- Motorised lift
- Portability
- Repeatability



# Why Our Structures Work

- State of the art anchors
- Advanced anchor & soil testing
- Pull tests
- Certification
- Massive load capability



# Why Our Structures Work

- Exhibitions
- Festivals
- Hospitality
  
- Unusual forms
- Pre-fabrication
- Short project times
- Portability
- Translucency



# Why Our Structures Work

- The Kayam theatre tent



# Why Our Structures Work

- Stages and Polygons

