

**project: syntropy (Germany / KSA / Sweden / Singapore)**  
creates AV technologies and solutions for professional simulation- and training environments, XR-CAVEs, XR-Spaces, interactive immersive media based attractions, xD dome theatres and planetariums. 25 years of experience and over 250 projects world-wide have resulted in highly scalable turnkey fulldome cinema attractions.

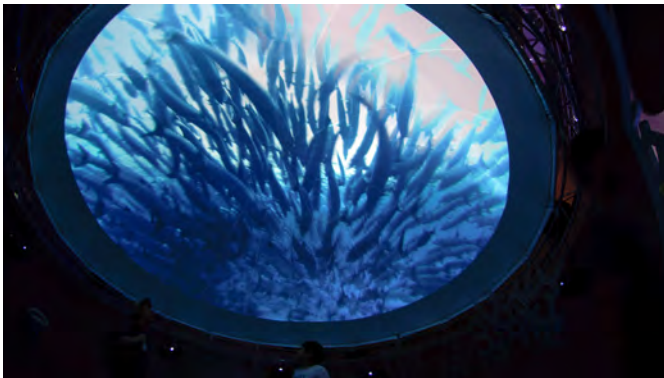


### Project

## EXPO 2012 Malaysia Pavilion - Aquarium - Turnkey Fulldome Solution

### Location

EXPO 2012, Malaysia Pavilion – Yeosu / Korea.



### Project

“Aquarium” – turnkey Fulldome projection on a 7m dome with 6-channel dome projection system and domeprojection.com auto-calibration.

### Project Details

“Malaysia’s Biodiversity Haven: A gift from Nature” is the main theme of the Malaysia Pavilion at EXPO 2012, the sub-theme being “A Sea Of Life, A Harmony Of Living.”

The major attraction is the “Aquarium” – a Fulldome projection on a 7m dome providing an underwater experience from the point of view of the seabed itself. Real marine life like barracudas, turtles, manta rays have been filmed and are swimming above the visitors.

project: syntropy planned and delivered the complete 6-channel dome projection system. We also supervised the system installation and installed the patented domeprojection.com ProjectionTools auto-calibration, did the media mastering and provided consulting for the movie production.

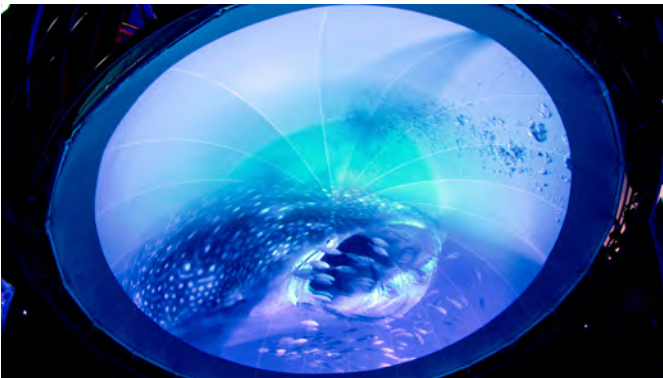
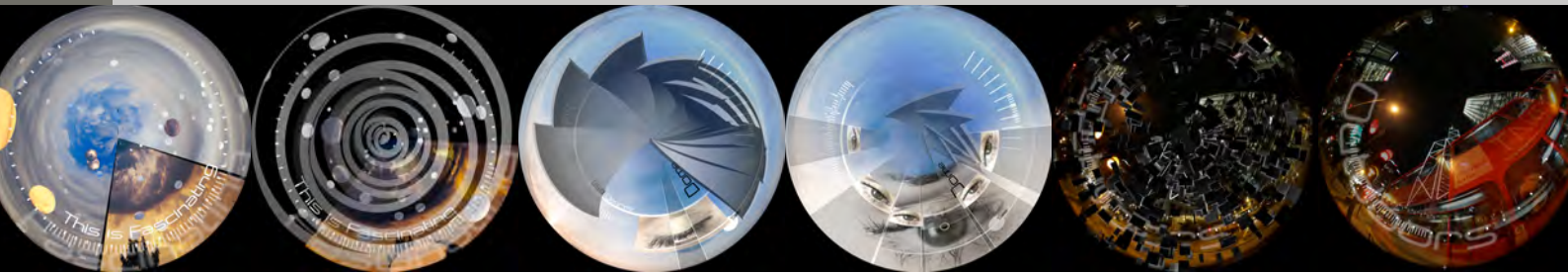


**Videolinks:** <https://youtu.be/QPPWaTRFd-w>  
<https://youtu.be/YHU4Fmc-bHQ>

Leading Provider of Next Generation Immersive Fulldomes

**project: syntropy GmbH**  
D-39112 Magdeburg/Germany, Klausenerstrasse 47  
T: +49 (0) 391 63 60 66-44 | Fax: +49 (0) 391 63 60 66-45  
M: syntropians@project-syntropy.de <http://www.project-syntropy.de>

project:syntropy



## Turnkey Display Solutions for Simulation, Training, Immersive XR-Spaces, XR-CAVES, Media Based Attractions

project: syntropy offers turnkey projection / dvLED-based display solutions, tailor-made AV systems and full-service throughout the entire project:

- PROJECTION- OR dvLED-BASED SYSTEMS
  - DEVELOPMENT
  - ENGINEERING
  - CONSTRUCTION AND INSTALLATION
  - AFTER SALES SERVICE
    - Training
    - Maintenance and Support
    - tailored Service-Level-Agreements (SLA)
    - Spare Parts Supply
- VISUAL SOLUTIONS FOR SIMULATION & TRAINING
  - FMS FULL-MISSION-SIMULATORS - FFS FULL-FLIGHT-SIMULATORS - CT COCKPIT SIMULATORS - HELICOPTER SIMULATORS - COMBAT SIMULATION - JFST ACTION TRAINERS - JTAC TRAINERS - ATM TOWER SIMULATORS - DRIVING SIMULATORS - SHIPS BRIDGE SIMULATORS - INDUSTRIAL SIMULATORS - RESEARCH SIMULATORS
- MEDIA BASED ATTRACTIONS
  - XD FLYING THEATRES - XD 360° & 720° ATTRACTION DOMES, CINEMAS & GLOBES - INTERACTIVE VISITOR ATTRACTIONS - MOTION THEATRES - DARK RIDES - MEDIA FACADES - IMMERSIVE TUNNELS & IMMERSIVE ENVIRONMENTS - PLANETARIUMS - PROJECTION MAPPING
- DIGITAL TWIN XR-SPACES (e.g. UDT Urban Digital Twins)
- XR-CAVE - XR VOLUMES
- SYNTOUCH MULTIUSER RADAR TOUCH
- MIXED REALITY ENVIRONMENTS & TRACKING TECHNOLOGY DEVELOPMENT

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