

# PUTRA-HAU

## Hybrid Airship

### UAV



Multicopter

Balloon



## A new perspective of flying

Vertical  
Take-off

Mid-flight  
Braking

Forward  
Flight

Vertical  
Landing

Our Putra-HAU Hybrid Airship with its novel technique of **Axial-Coupling Vector Thruster Configuration** combines the proven flight concept of **Multicopter** and **Balloon**. It is a promising innovation in modern flying which enables wider applications to promote safer flight and efficient mission especially in the area related to monitoring, communication, commercial use and beyond.



Quite Flight



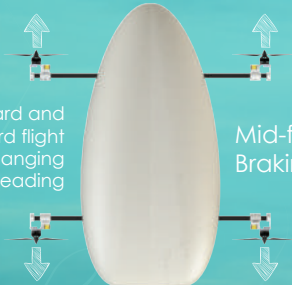
Zero Emissions



Long Endurance



Agile  
Maneuverability



Forward and  
backward flight  
without changing  
heading

Mid-flight  
Braking

**Axial-coupling  
Vector Thruster  
Configuration**

Front pair thruster  
and rear pair thruster  
facing in opposite  
direction



Persistent Platform |  
Communication



Environmental  
Monitoring



Safety |  
Remote Area

