



H3 Dynamics enables Decarbonized and Advanced Air Mobility with a three steps approach that starts with digitization, leading to solutions around autonomous operations, enhances flight autonomy with hydrogen propulsion.

The company scales globally over 15 years from small drone to large aircraft platforms, starting with immediate markets.

H3D 3 sequences:

1. Sensor/AI
2. Cargo/ Logistic
3. Passenger Flight

Problems in society and proposed solutions

Carbon emission in is one a biggest and complex challenge of our time -> Construction 39 % - Transport 24%
In Japan SOCIETY 5.0 / CARBON ZERO STRATEGY are here to drive the changes

How to maintain our lifestyle while making cities and mobility sustainable?
H3D starts to with the infrastructure visual inspection AI analytics.

For a project we save 80% time – 50 % cost – 0 Risks for workers – Accuracy +20% in a decarbonized way.

Strength of your company/ products

- Hydrogen propulsion systems crafted for small to larger UAV (15 years expertise)
- AI inspection codeveloped with large companies (500+ infra scanned)
- Automation and Tele-robotics solution as an open platform for UAV

Business model

1. Hydrogen systems integration = System Direct sale + engineering services
2. AI = Platform subscription + Project operation

Objectives participating in Hack Osaka Business Meeting

- Business and Co-Creation with Japanese corporations in Japan or Internationally
- Introducing to officials and corporation Hydrogen FC drone topic for Osaka 2025
- Promoting our Japan market expansion – and maybe announcing the creation of H3 Dynamics K.K

Year of founding

2015

Web

www.h3dynamics.com

Location

Singapore

Funding

Series B

Experience in
global market

Japan, France, Thailand, Indonesia,
USA, Germany, Norway, Canada,
Australia Mexico, Brazil

Availability in
Japanese

○ (Available at Hack Osaka Business
meeting)