

Field: Low-emission, Challenging logistics, Air cargo



Year of founding	2012
Web	<a href="https://www.flying-whales.com/">https://www.flying-whales.com/</a>
Location	Paris, France
Funding	More than USD 100M
Experience in global market	FRANCE, CANADA
Availability in Japanese	×



FLYING WHALES embraces a strong mission: open up landlocked regions with the smallest possible environmental footprint. To do so, **we develop a pioneering air freight solution** for abnormal loads up to 60 metric tons, by airship. Without ever landing.

Created in France in 2012, we began investigating technical, financial and operational feasibility before **officially starting our aeronautical program in 2017**. Since then, FLYING WHALES has been gathering more than 40 leading aeronautical companies towards the design of the world's **largest flying machine**, the LCA60T (Large Capacity Airship 60 Tonnes).

The five main market segments addressed by the LCA60T will be forestry, renewable energy, construction and development, industrial abnormal loads and humanitarian aid and disaster relief.

FLYING WHALES will both manufacture and operate the LCA60T. Three manufacturing sites have already been identified in Canada, China and France. By 2032, the company will **manage a fleet of 150+ LCA60T** that will conduct logistics operations all over the world.

### *Problems in society and proposed solutions*

- Isolated and land-locked regions suffer from their inaccessibility, the LCA60T airship **can unlock these areas** and support their sustainable development.
- Some industrial components necessary for the energy or construction sectors are becoming overly difficult to transport because of their dimensions. These **transportations become effortless** with the LCA60T.
- Transportation is a significant contributor to CO2 emissions, FLYING WHALES works towards low-emission transport.

### *Strength of your company/ products*

- FLYING WHALES's **LCA60T demonstrates significant value** for our client by decreasing transport costs, shrinking hauling times, increasing safety or reducing emissions.
- In several applications, FLYING WHALES allows transportations that were **otherwise impossible to conduct** with traditional transportation means.
- A unique capacity to load and unload 60 tonnes of payload in hover with no need for infrastructures.

### *Business model*

FLYING WHALES Industry will manufacture LCA60T airships while FLYING WHALES Services will operate these airships and **provide turn-key logistics services** to its final clients.

### *Objectives participating in Hack Osaka Business Meeting*

- Business investigation and development (5 main markets identified already along with new markets)
- Strategic partnerships for activity settlement and operations in Japan and Asia
- Technical collaboration on research and development topics
- Venture capital / Investors research (FLYING WHALES's 3rd fundraising to be soon closed)