



**AIRLANDER**  
RETHINK THE SKIES

**Airlander 10**  
**Ultra-low emissions**  
**aviation**

Passenger Experience  
Conference  
Hamburg, 5 June 2023

HYBRID **Air**  
**Vehicles**



# AIRLANDER

## The world's most efficient large aircraft

As the **longest aircraft in the world**, Airlander's development flight tests have **already changed our expectations** of low-emissions flight.

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In service with its **first customers** in 2027, Airlander will emit only **10% the emissions** of comparable aircraft, moving to zero emissions shortly after.

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That's **less carbon per revenue km** than taking the train, from a **100-seat passenger aircraft**.

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And Airlander's ability to operate without need for roads, runways or ports **removes the need for carbon-intensive new infrastructure** in the **places to which it connects**.

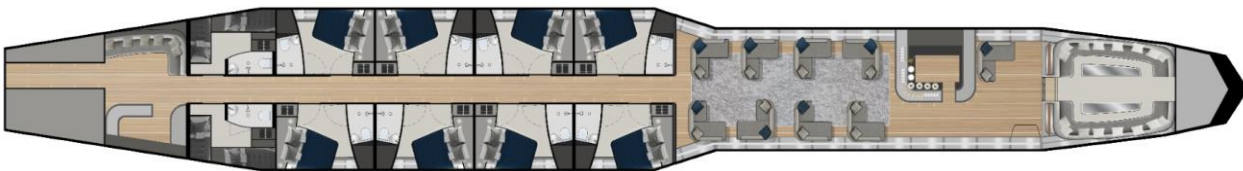


# Passenger Experience: Leisure and tourism

With extensive interior cabin space, the Airlander cabin offers our customers the scope to adapt the interior space to their concept of operations and to the product and clientele they desire.



**10 passenger VIP overnight cabin**  
1 x master suite, 4 x double en-suite rooms

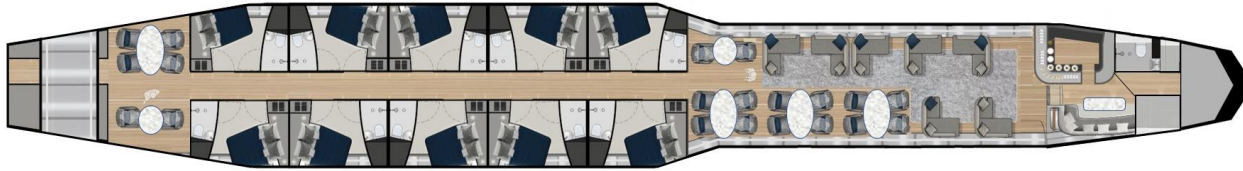


**16 passenger VIP overnight cabin**  
8 x double en-suite rooms

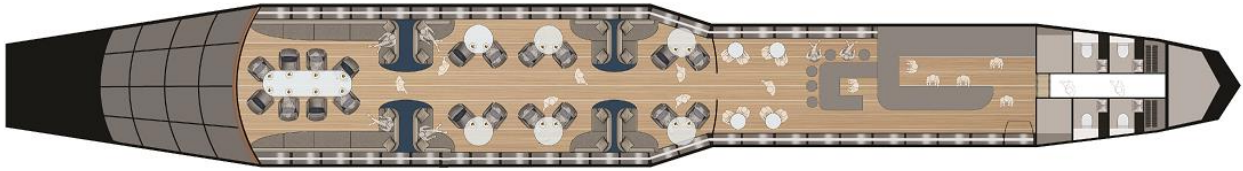




# Passenger Experience: Leisure and tourism



**20 passenger VIP overnight cabin**  
10 x double en-suite rooms (reduced range)



**20 passenger VIP restaurant cabin**  
Private dining 8-seater table, 6 x 2-seater tables



**30 passenger VIP restaurant cabin**  
Private socialising space, 5 x 4-seater tables, 5 x 2-seater tables





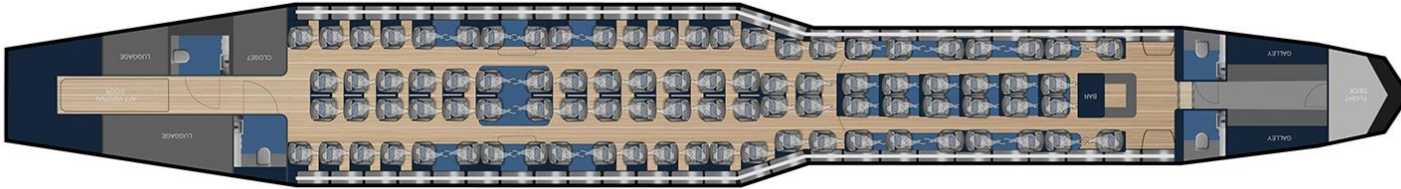
# Passenger Experience: Leisure and tourism



16 passenger  
VIP cabin



# Passenger Experience: Mobility



**70-100 passenger cabin with airline type seating**  
(depending on seat pitch)

- Dedicated terminal facilities possible – avoiding airports
- Excellent cabin environment - quiet, spacious, light
- Accessibility in cabin for disabled or wheelchair users
- Option for separate baggage provision or self-loading





# Passenger Experience: Mobility



100 passenger  
cabin



72 passenger  
cabin





# Passenger Experience – Journey Time

		Distance	Total Journey Time	CO2 Produced
		216km	4 hours 32 mins	4.54kg of CO2 per passenger
		254km	9 hours 50 mins	4.80kg of CO2 per passenger
		228km	4 hours 7 mins	52.80kg of CO2 per passenger



# Airlander 10 pathway to zero emissions





# Airlander summary



## Flight proven

Ready to produce, certify and deliver

## Zero emissions

Electric motors in development

## Unconstrained by infrastructure

Operate from grass, sand, water, ice, marsh

## Family of aircraft with 10, 50, 200+ tonne payloads

10x improvements in payload-range and payload-endurance compared to alternate aircraft

## One design, many applications

Large addressable air logistics, comms, surveillance and mobility markets



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