



Cleantech Forum **Europe** | Antwerp

# Closing Plenary: The Future is Electric, The Future is Vertical Take-Off



## Closing Plenary: The Future is Electric, The Future is Vertical Take-Off



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Everybody can fly anywhere, anytime.

An aerial photograph of a coastal resort. In the center, a circular swimming pool with the 'Lululemon' logo is situated on a rocky outcrop. To the right, there are several buildings, including a large white house and a smaller structure. The ocean is visible on the left, with waves crashing against the rocks. The overall scene is a mix of natural beauty and modern architecture.

Connected  
Wherever you are

An aerial photograph of a large, multi-level highway interchange in a city. The interchange features several curved ramps and overpasses with concrete and steel structures. Numerous cars are visible traveling on the various levels of the highway. In the background, a dense urban landscape is visible, including a prominent church with a tall, ornate spire, various commercial buildings, and a tall industrial smokestack. The sky is overcast, and the overall scene depicts a major transportation infrastructure project integrated into a developed city.

# Responsible

Minimal infrastructure impact

An aerial photograph of a winding asphalt road that snakes through a rugged, mountainous landscape. The road is light gray with white dashed lines, and it curves through dark, rocky terrain with patches of green and yellow vegetation. The perspective is from directly above, showing the road's path as it winds through the hills. The lighting suggests late afternoon or early morning, with long shadows and warm tones.

# Fast

San Diego – LAX: 30 Min  
200 miles per hour

An aerial photograph of a dense, lush green forest. The trees are tightly packed, creating a textured canopy of various shades of green. The lighting is bright, highlighting the tops of the trees.

# Clean

Zero emissions

An aerial photograph of the Manhattan skyline at sunset. The sun is low on the horizon, casting a warm, golden glow over the city. The Hudson River is on the left, and the East River is on the right. The Freedom Tower is the tallest building in the center. Other prominent buildings include the Empire State Building and the Chrysler Building. The city is densely packed with skyscrapers, and the water reflects the orange and yellow light of the setting sun.

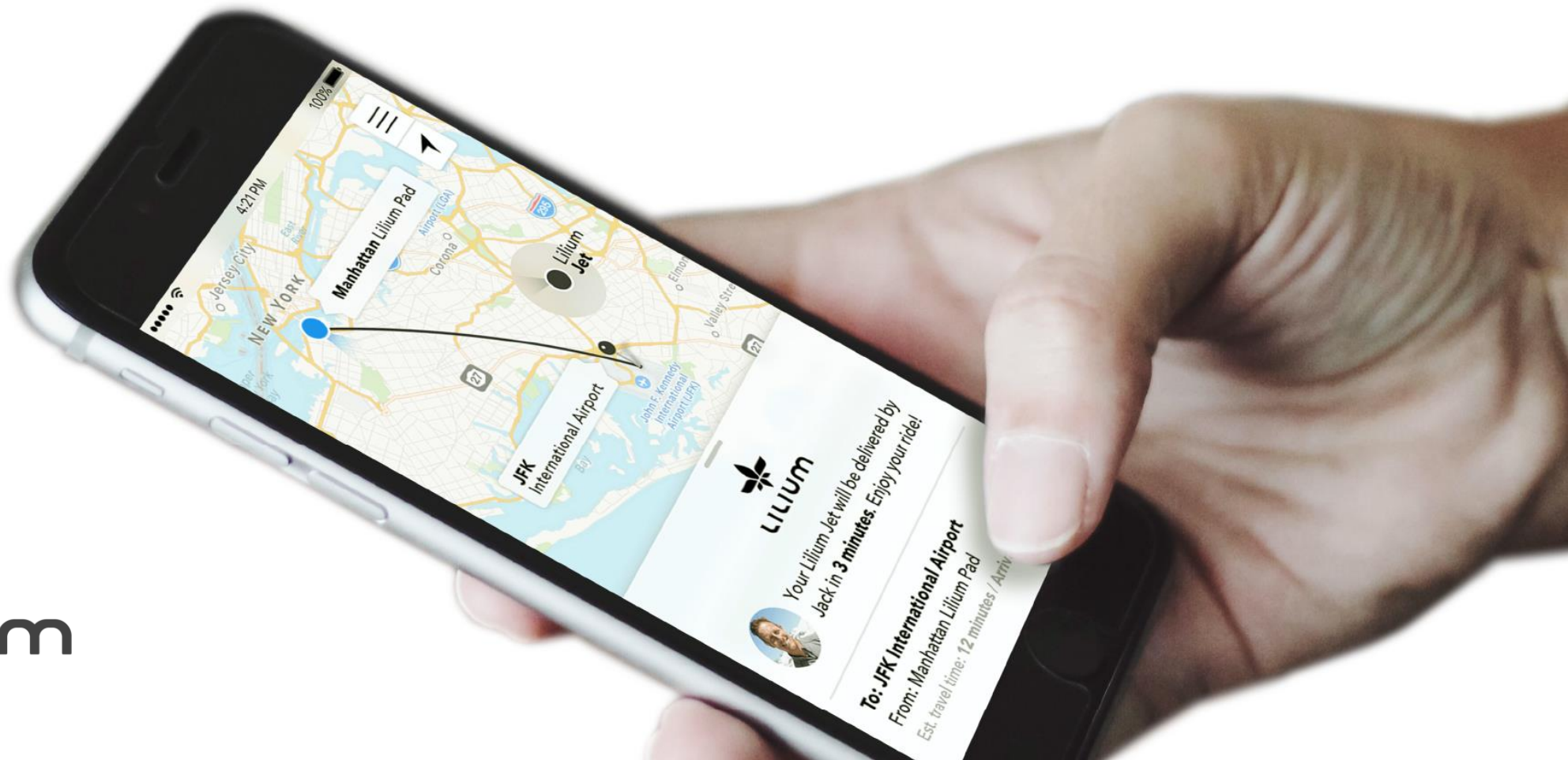
# For everyone

JFK – Manhattan: \$36

# A 5-Seats Electric Air Taxi



# Easy to use



# A 5-Seats Electric Air Taxi



Flight prototype January 2017



# Simplicity throughout



No water  
cooling



No variable  
pitch



No  
rudder



No tail



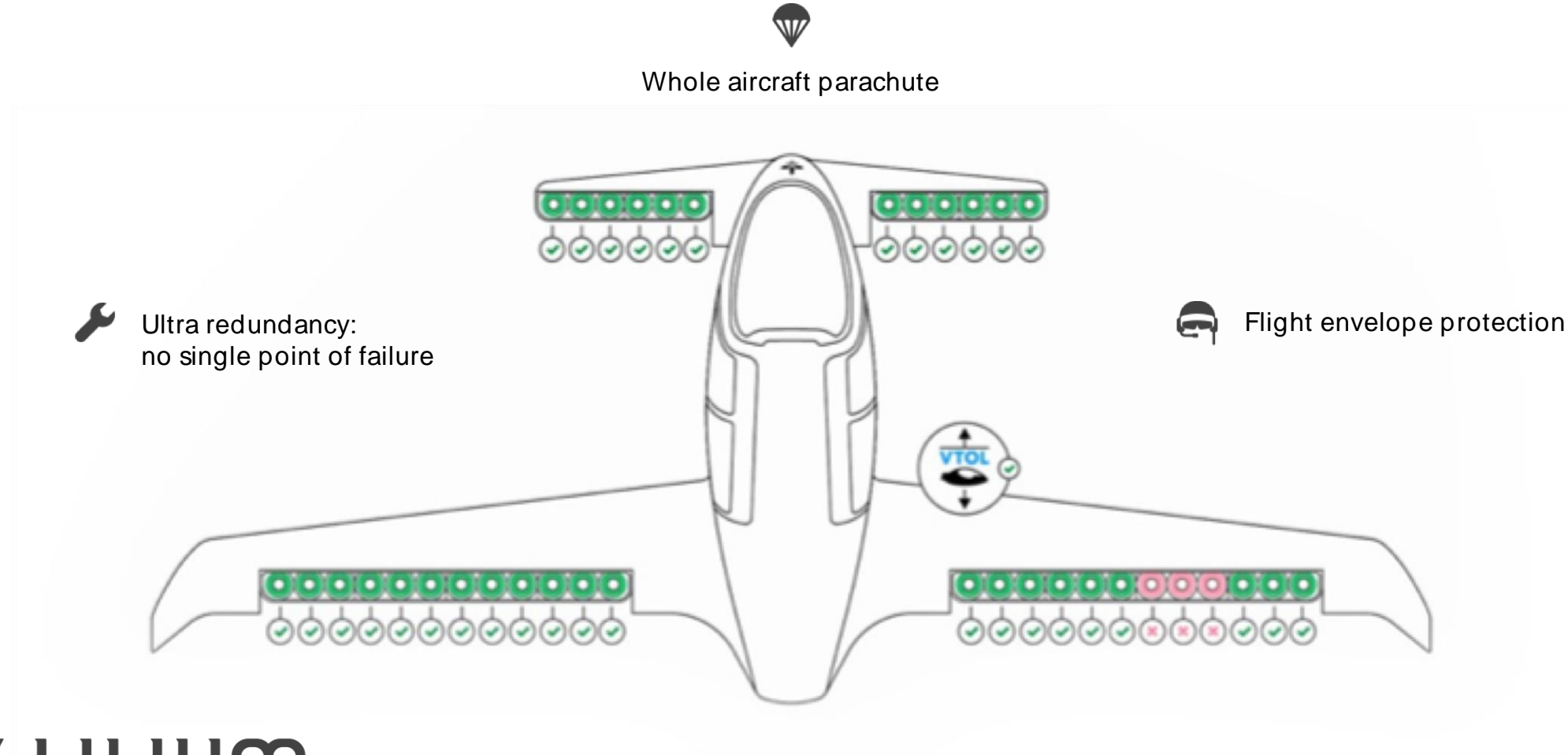
No gear  
boxes




No folding  
propellers





# Next level safety




# High performance electric jet engines


 Low noise

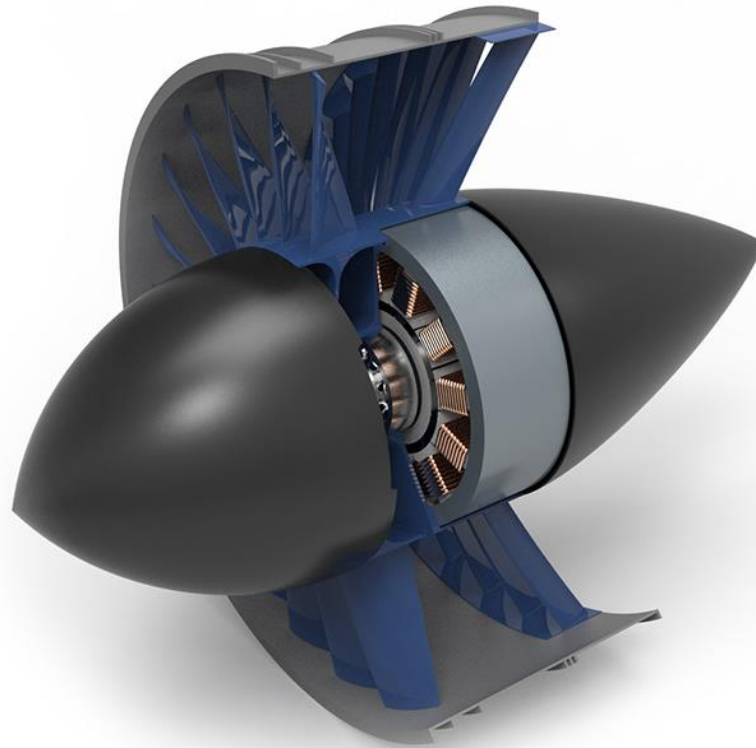
 One single moving part

 High Speed

High range 

Contained blade loss 

Low vibration 

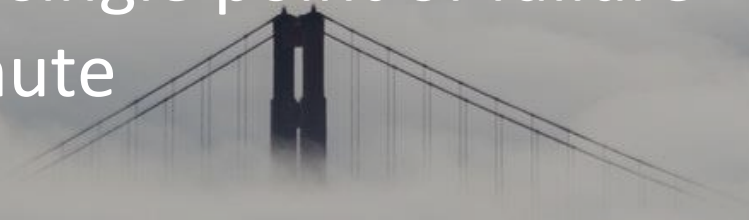


# Peace of mind

Commercial aviation safety level

Ultra redundancy, no single point of failure

Whole aircraft parachute



# Why not helicopters?

4 times less noise and 6 times cheaper

Manyfold safer

Competitive with cost of ground transportation



# Minimal infrastructure required

A white, wing-shaped aircraft is shown in flight, viewed from above, flying over a dense, green forest. The aircraft has a central fuselage with a dark cockpit area and two long, thin wings extending outwards. The forest below is a mix of various shades of green, indicating different types of trees and foliage.

One thousand's of the cost of traditional high speed infrastructure  
Network effect from every additional port  
Change where we live and work  
Rebalance real estate cost  
New forms of connectivity

# New transportation ecosystem



A scenic mountain landscape with a lake, people, and a dog. The scene is set in a valley with steep, rocky mountains in the background. A calm lake reflects the surrounding scenery. In the foreground, a grassy slope leads down to the lake. A person is sitting on the grass, and a dog is standing nearby. The sun is low in the sky, creating a warm, golden light. The text "Lilium increases your daily action radius" is overlaid in white.

# Lilium increases your daily action radius



An aerial photograph showing a city skyline on the right side of the frame, with several tall buildings of varying architectural styles. To the left of the buildings is a large, calm body of water with a teal or turquoise hue. The sky is a clear, pale blue. The text "See you up here" is overlaid in white, sans-serif font across the middle of the image, positioned over the water and the lower part of the sky.

See you up here



LILIUm