

# World's first all-electric flying taxi

German start-up Lilium has unveiled what it claims is the world's first all-electric "air taxi". The firm says the emission-free craft could provide an on-demand service by 2025, revolutionising urban travel

**Capacity:** Five –  
1 pilot, 4 passengers

**Top speed:** 300km/h

**Range:** 300km

**LILIUM  
JET**

**Cost:** \$70-\$80 per head  
for cross-city hop from  
New York's JFK airport  
to Manhattan – in just  
six minutes



**Power:** 36 all-electric jet engines,  
mounted over main wing and  
forward canard, generate  
2,000 horsepower

**Flight-control:** Fan assemblies  
tilt up for vertical takeoff  
and horizontal for forward  
flight

On forward flight,  
lift generated by  
wings allows  
use of less  
than 10%  
horsepower

## Wing motors

Manage roll  
movements.  
Aircraft rotates  
on axis in hover  
by varying rotor  
speed

## Forward motors

Handle pitching  
nose up and down

## Noise absorption

Small enclosed  
fans ensure  
aircraft is 4-5  
times quieter  
than helicopter

