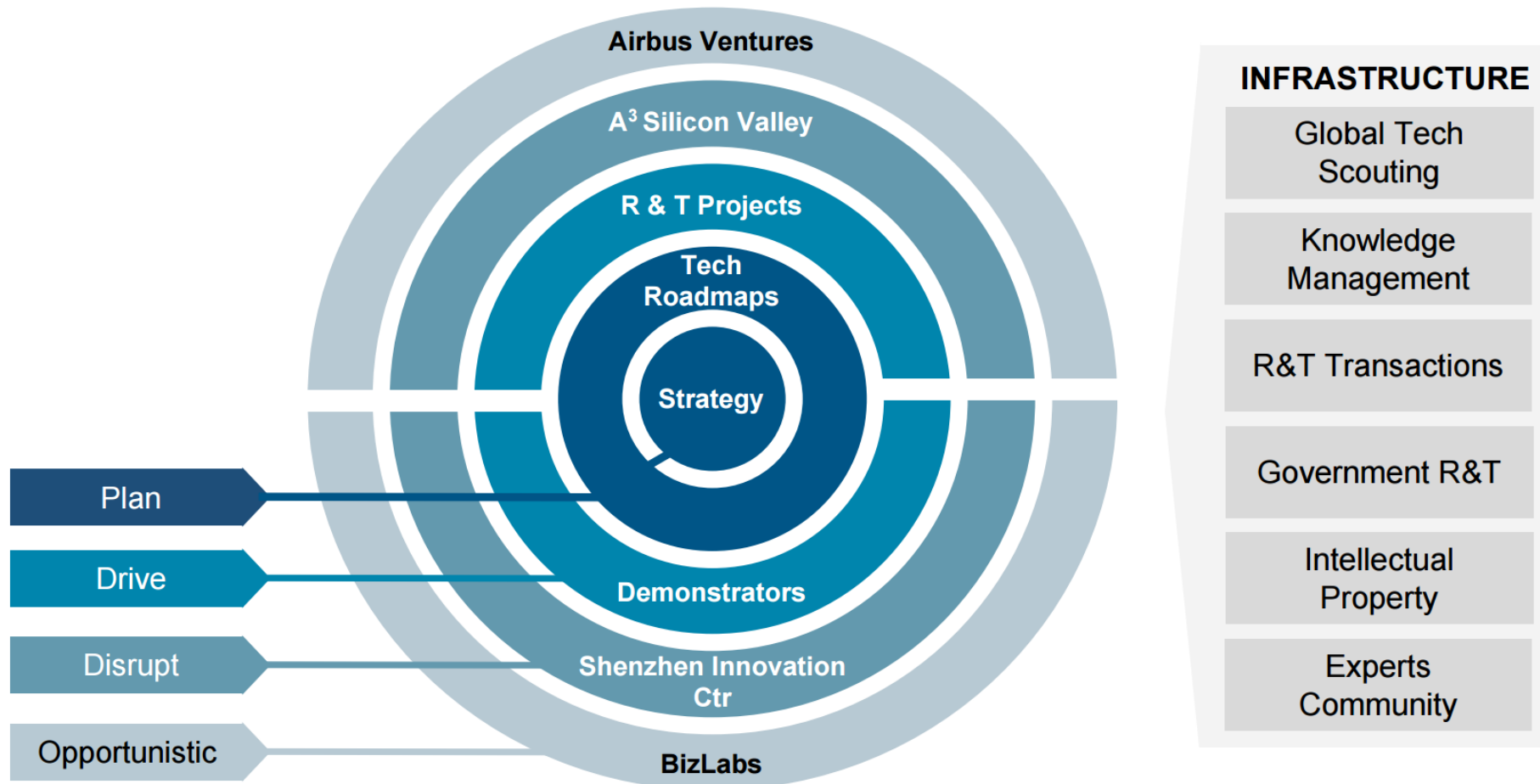


Airbus Urban (Air) Mobility

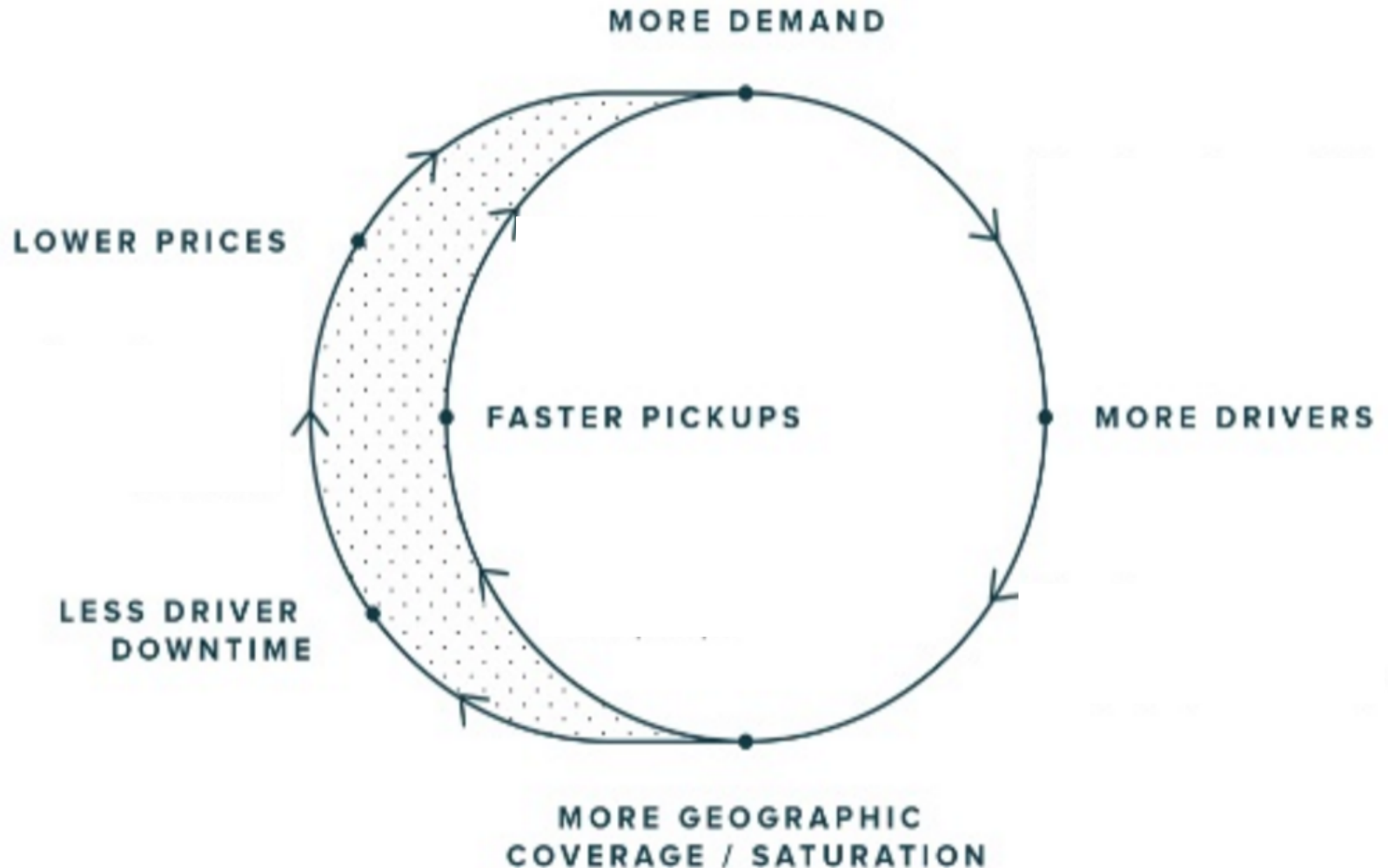


Mathias Thomsen - General Manager

Airbus R&T and innovation ecosystem and infrastructure



Network effects in transportation systems



Digital ride sharing platforms created transportation giants all over the world



On-demand meals is their next battlefield, powered by the same transport network effects



Bike sharing in China is scaling and taking share of the on-demand mobility market



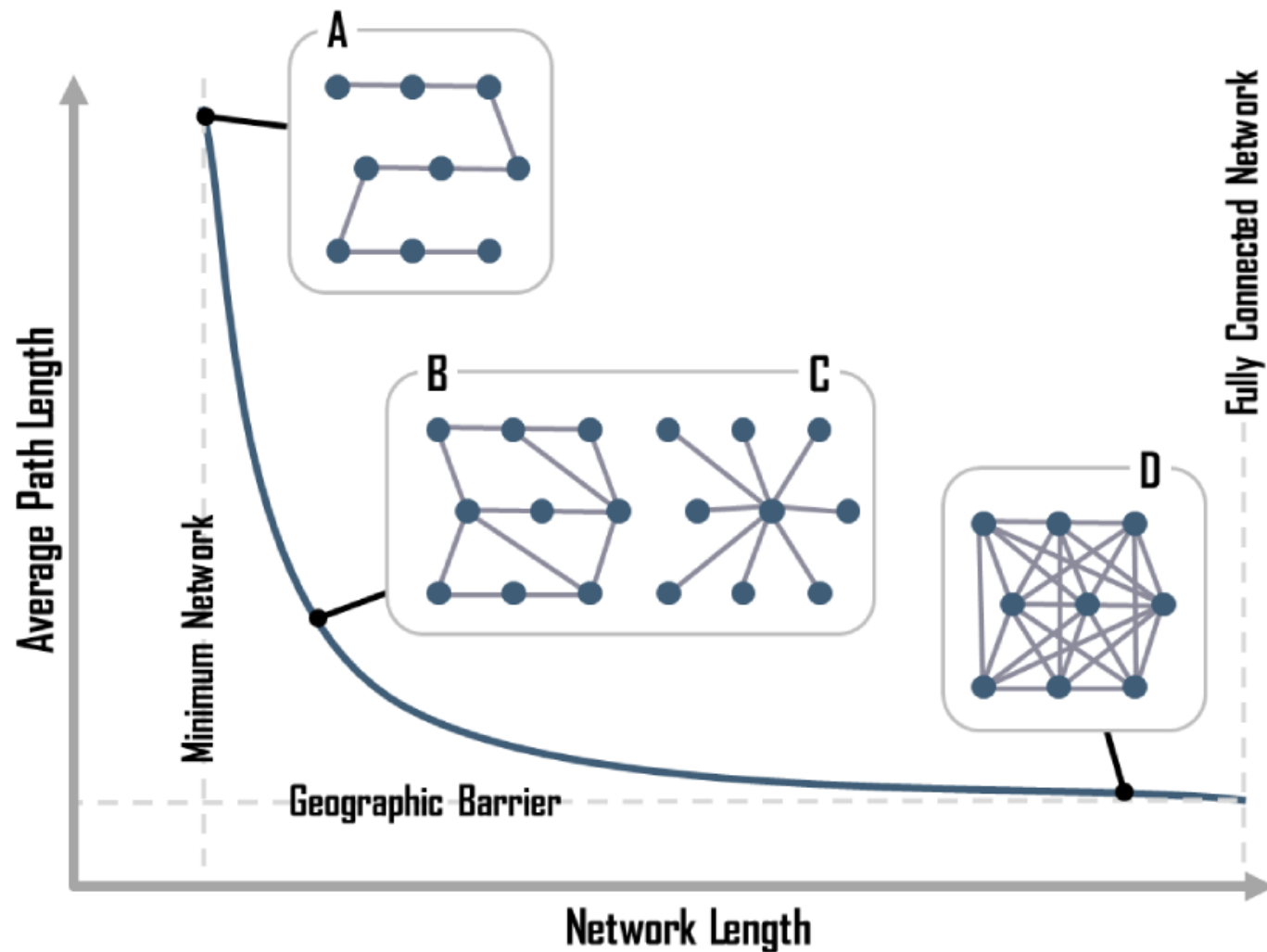
Container shipping revolutionised global trade, but here operators integrated vertically



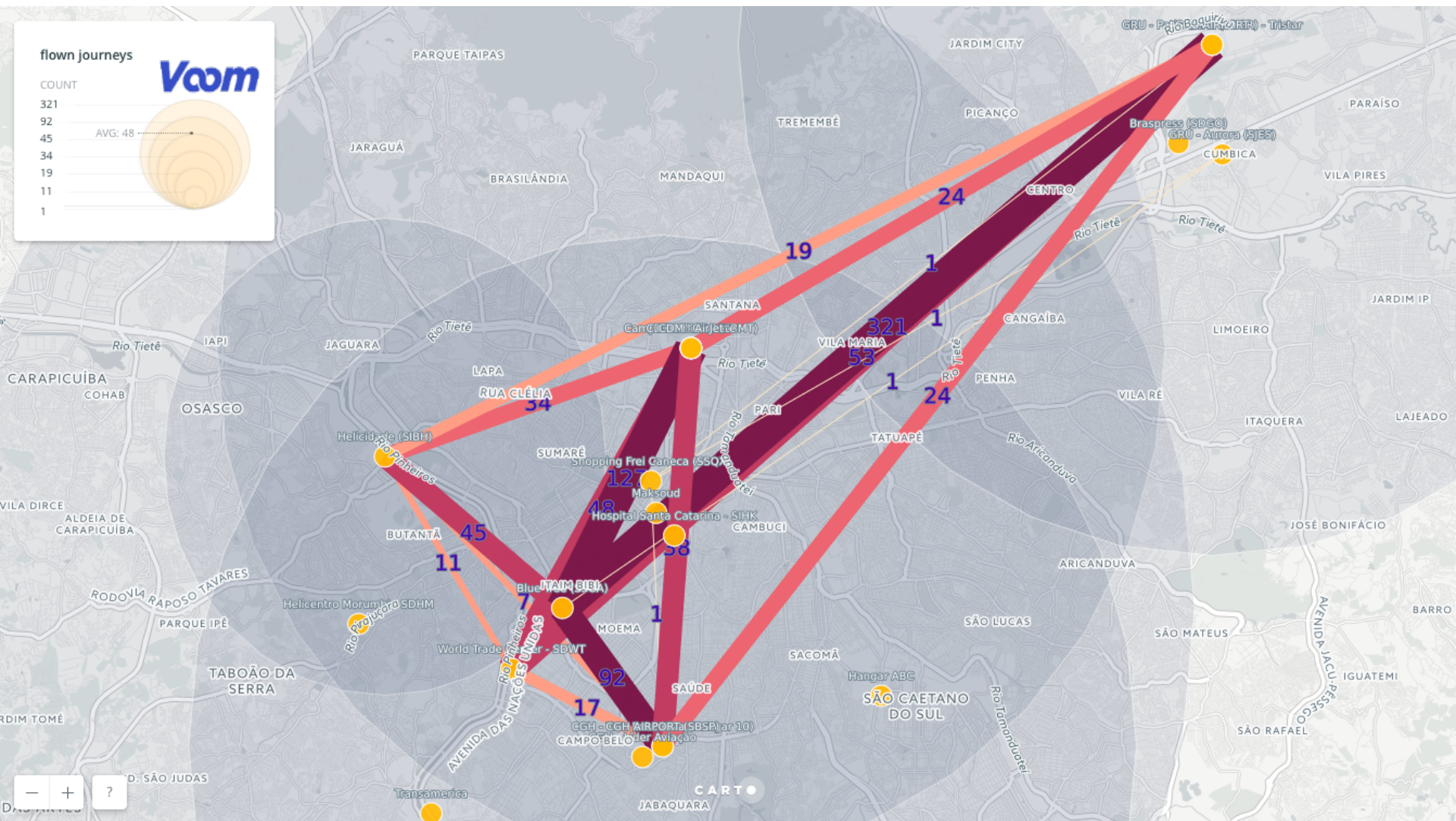
UPS also integrated vertically and today is the largest transportation company in the world



We expect UAM to start simple, with limited network effects, but scale to complete networks over time



Our experience from operating in Sao Paulo gives us the first data points for network evolution



Airbus UAM vision: Multimodal integrated mobility service

AIRBUS



Skyways: Urban logistics “system of system” in Singapore



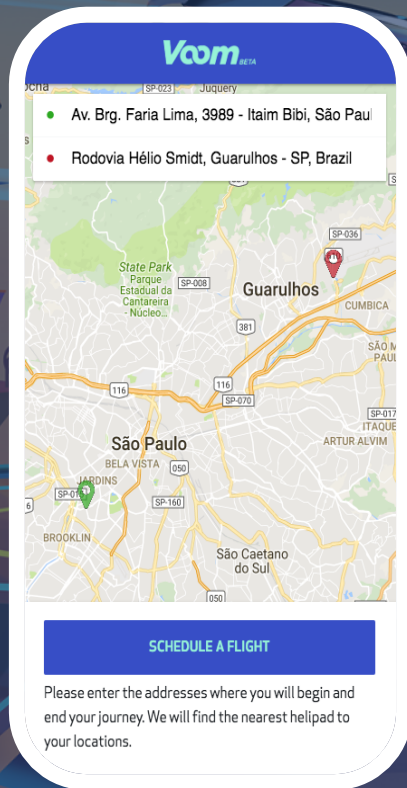
Vahana: Single (or potentially two seat) autonomous tilt- wing



City Airbus: 4 seat multi-rotor, optionally piloted



Voom: On-demand helicopters in Sao Paulo...



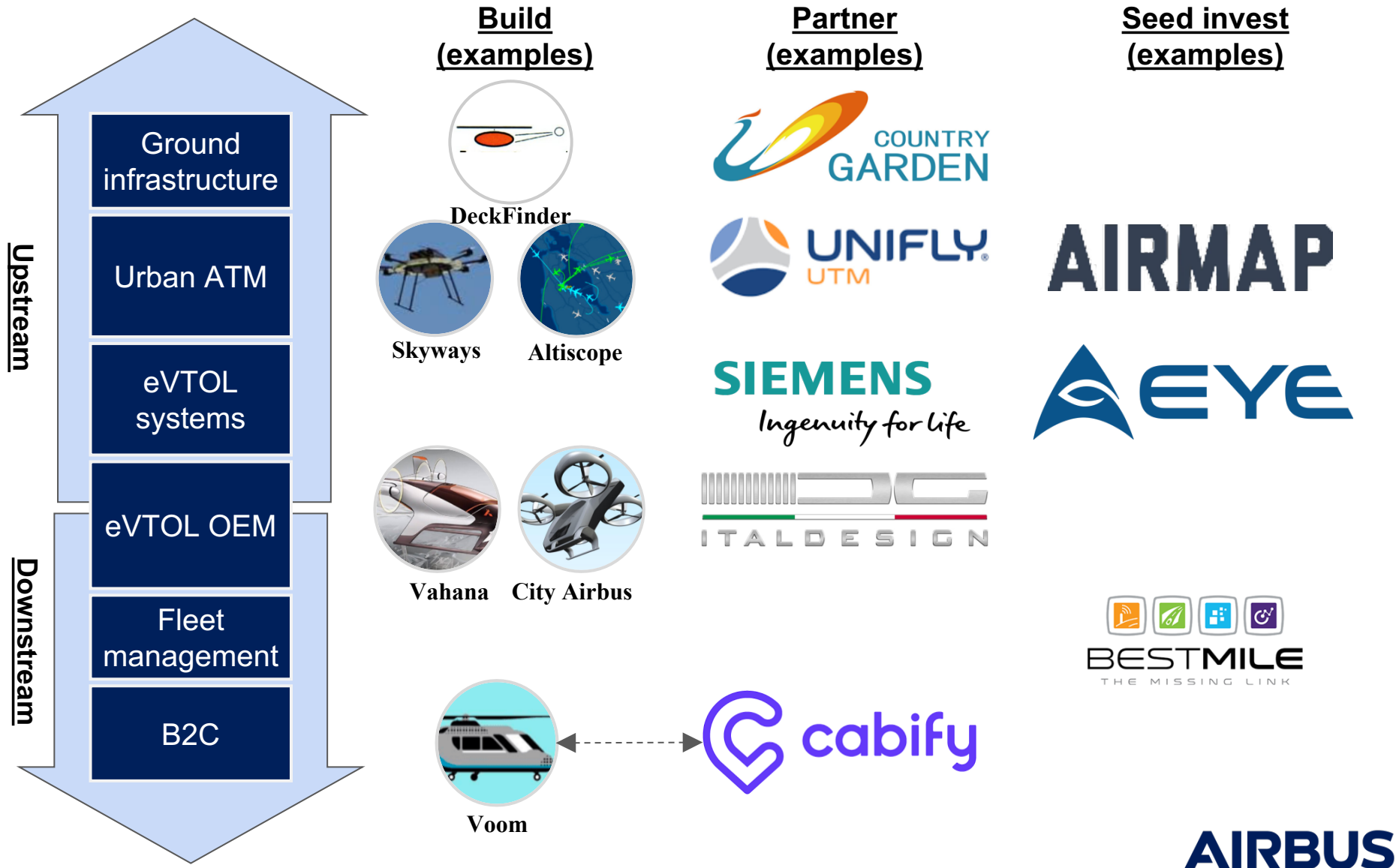
Voom: On-demand helicopters in Sao Paulo...



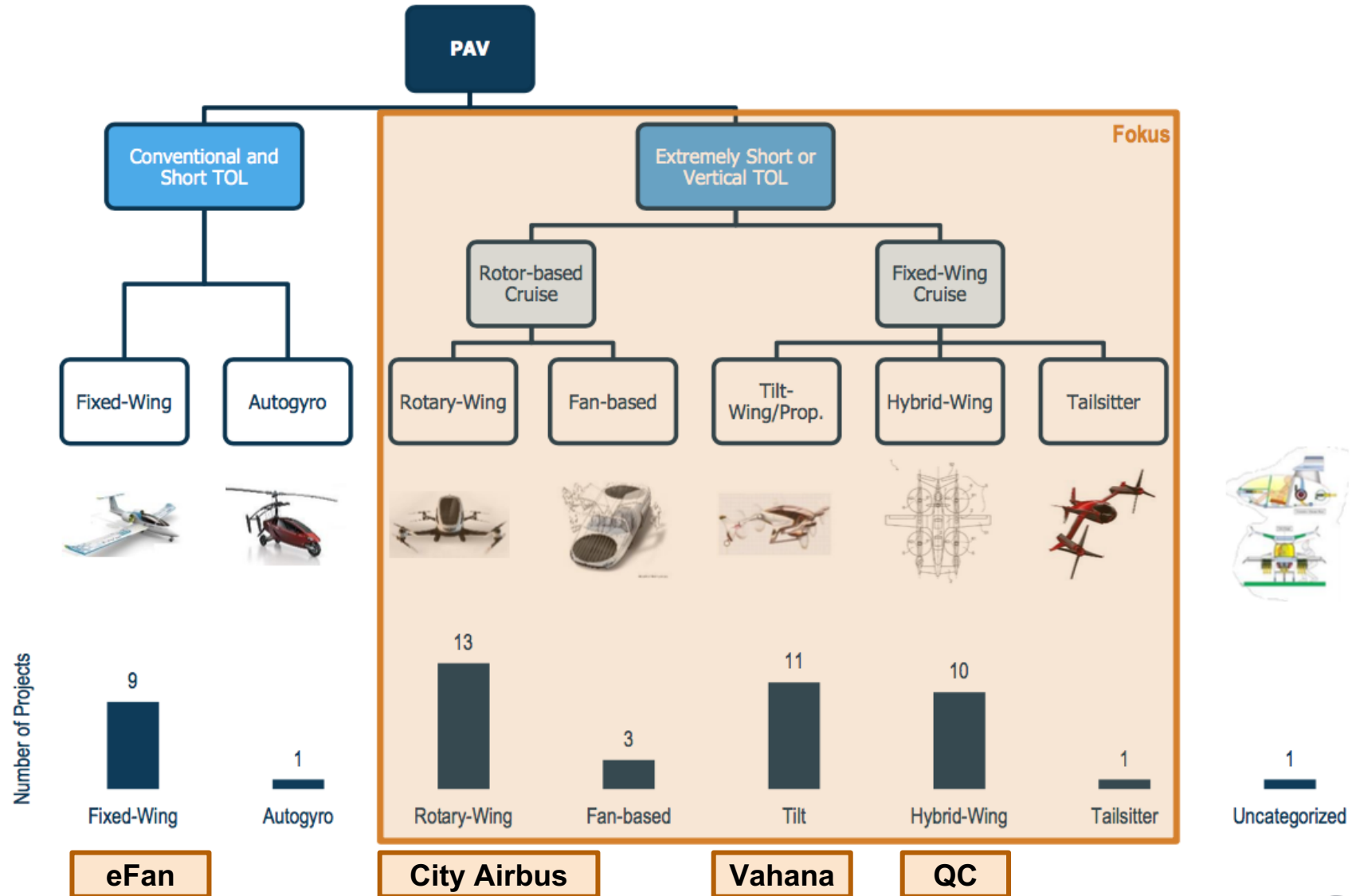
Airbus' complete UAM portfolio across all major systems



We build, partner and invest

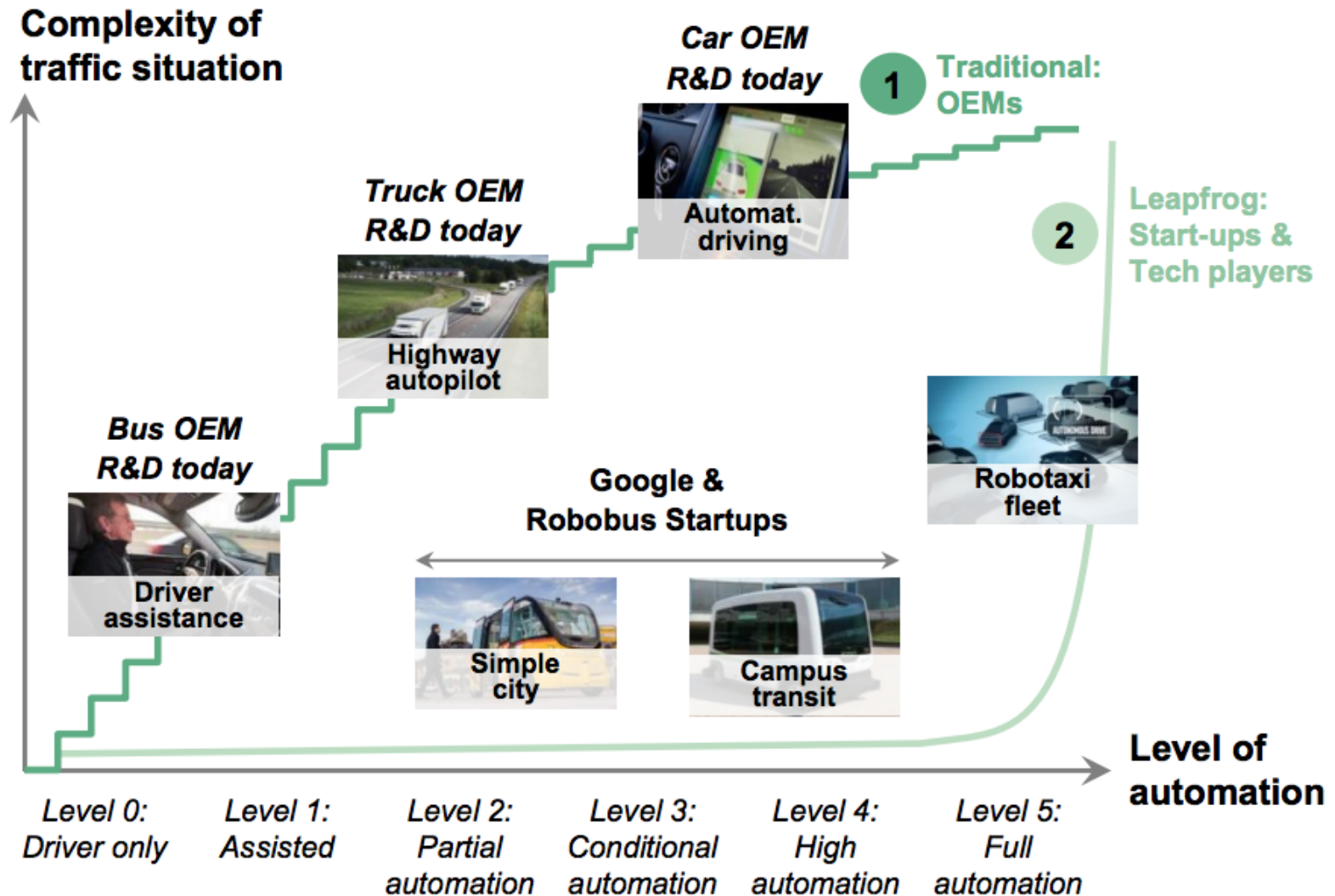


And we work on all the major design configurations in the emerging UAM design space



Source: Bauhaus Luftfahrt

Like with autonomous cars, we pursue a dual track incremental and leapfrog approach to autonomy



Source: The Boston Consulting Group

We are partnering with EASA to kick off the certification of autonomous systems



AIRBUS

Framework for the Certification of More Autonomous Systems

Memorandum of Understanding between EASA and Airbus

24 July 2017

AIRBUS

Airbus is also supporting Europe's Sesar JU in U-Space design and development

LITTLE FLUFFY CLOUDS - SESAR - 11/01/2017

AIRBUS

Link: https://youtu.be/adxTq_i-lj0