



# CAPS

*2021*





# The

*An **autonomous single passenger aircraft** for **price affordability** with **low noise and visual impact** in cities.*

# vision

***Dynamic and low infrastructural footprint** for sustainable implementation and increased project's **scalability**.*



*"The most compact aircraft of our skies"*

- Payload 150Kg
- Total weight 300Kg
- Autonomy 20Km
- Speed : 70Km/h

- ***The smallest aircraft on market***
- ***Low noise and visual footprint***

*Manufacturing cost 50K€*



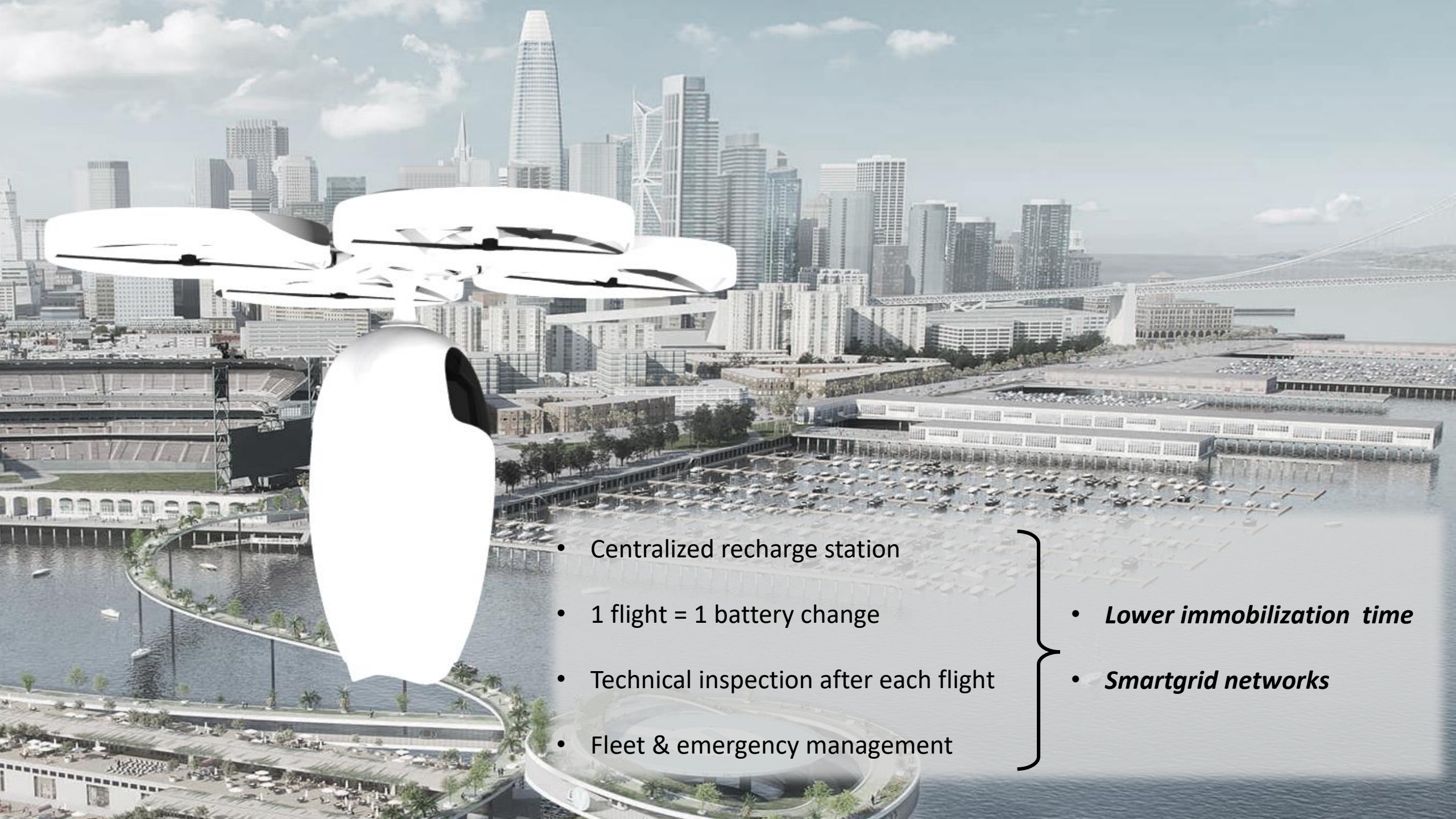
*" Smart landing  
station all  
around your city  
"*

- Smart Landing station
- Does not recharge
- Easy installation & removal
- Tunable station network

- ***Low infrastructure footprint***
- ***Adaptation to mobility need***

Manufacturing cost < 1K€





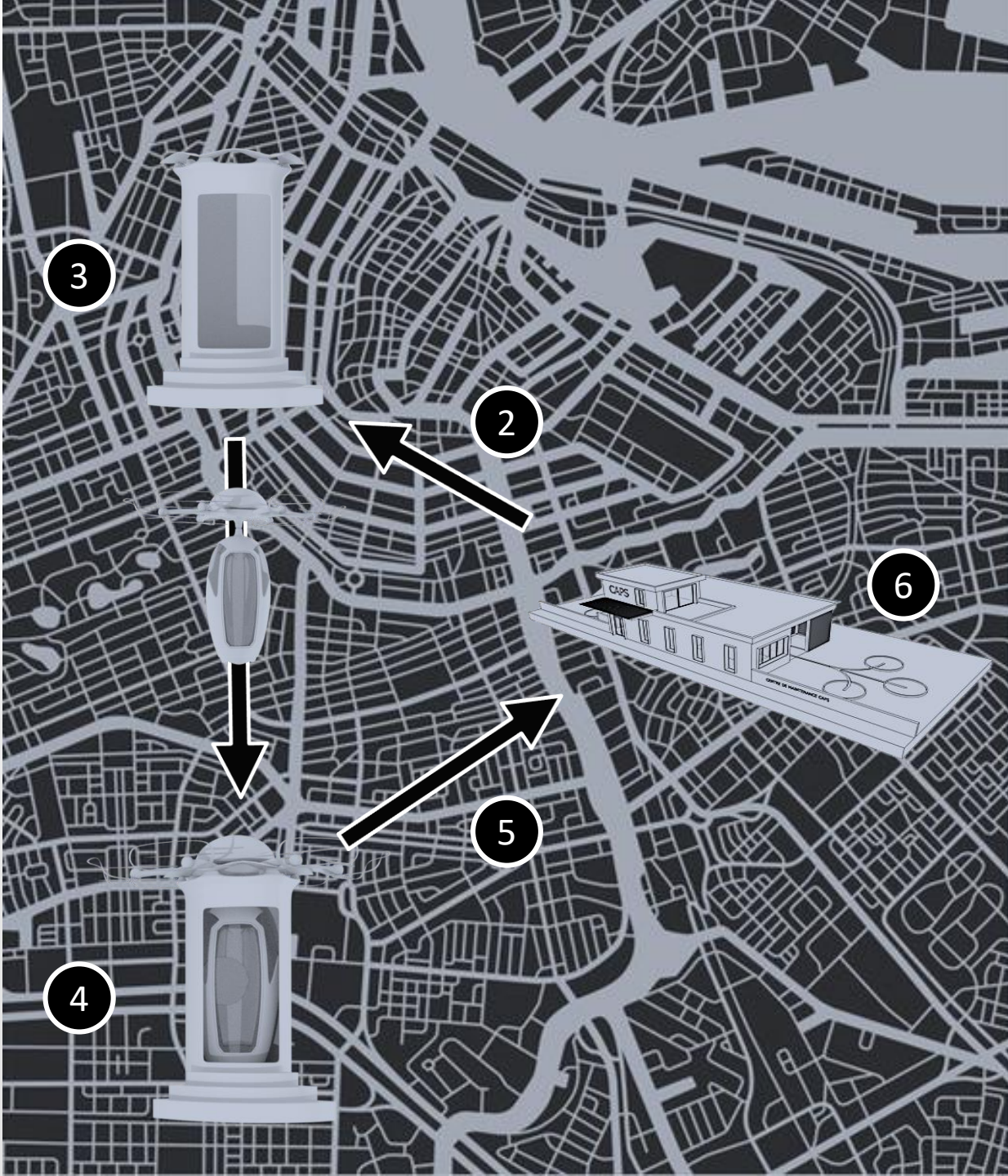
- Centralized recharge station
- 1 flight = 1 battery change
- Technical inspection after each flight
- Fleet & emergency management

- ***Lower immobilization time***
- ***Smartgrid networks***



# How it works

- 1 Users order a flight through mobile app.
- 2 A CAPS leaves centralized stock and recharge station.
- 3 Pick up the passenger to his closest urban landing platform.
- 4 Flies him to his final destination landing platform.
- 5 The CAPS flies back to the centralized station.
- 6 The CAPS battery is changed and is ready for a new travel.



**Pierre de  
Châteaubourg**

*CTO*



**Paul  
Cassé**

*CEO*



**Kevin  
Laouer**

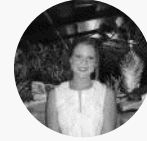
*CFO*



## ***Diversified profiles***



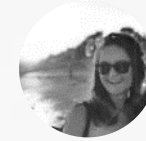
**Etienne Desprairies**  
Aerorantic architect



**Agathe Desplats**  
M&A finance



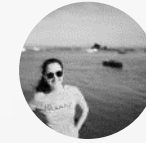
**Arthur Emrot**  
IT engineer



**Amelie Engeldinger**  
Lawyer



**Paul-Henry Baranek**  
Renewable engineer



**Camille Bolle Reddat**  
Automotive engineer

# Our Team

## ***Experimented mentors***

**Gerard Despinoy**  
Strategic consultant Bane

**Anna Shneidman**  
Physic researcher Harvard University

**Bertrand Cassé**  
CEO

**Delphine Beau**  
ESSEC Venture

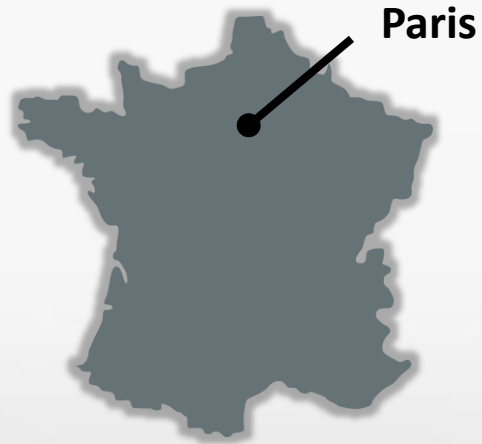




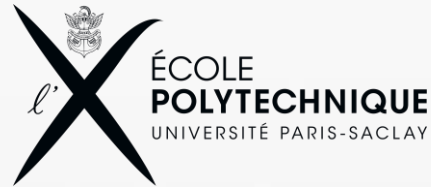
# CAPS

## today

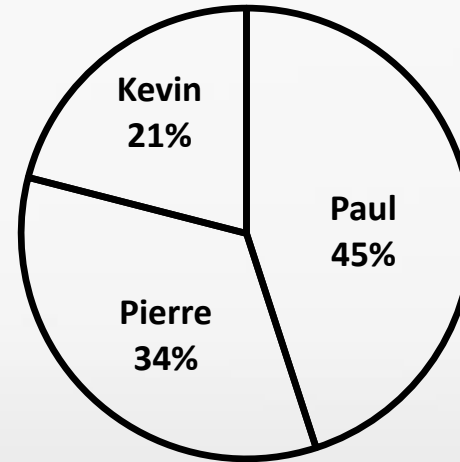
LOCATION



## ACCELERATORS



## CAPS CAPITAL



## PRE-SEED FUNDINGS

Founders investment	35K€
Innovation Prize	15K€
BPI grant	50K€
<b>TOTAL</b>	<b>100K€</b>

## PARTNERS AND LABELS



STARBURST

bpi**france**





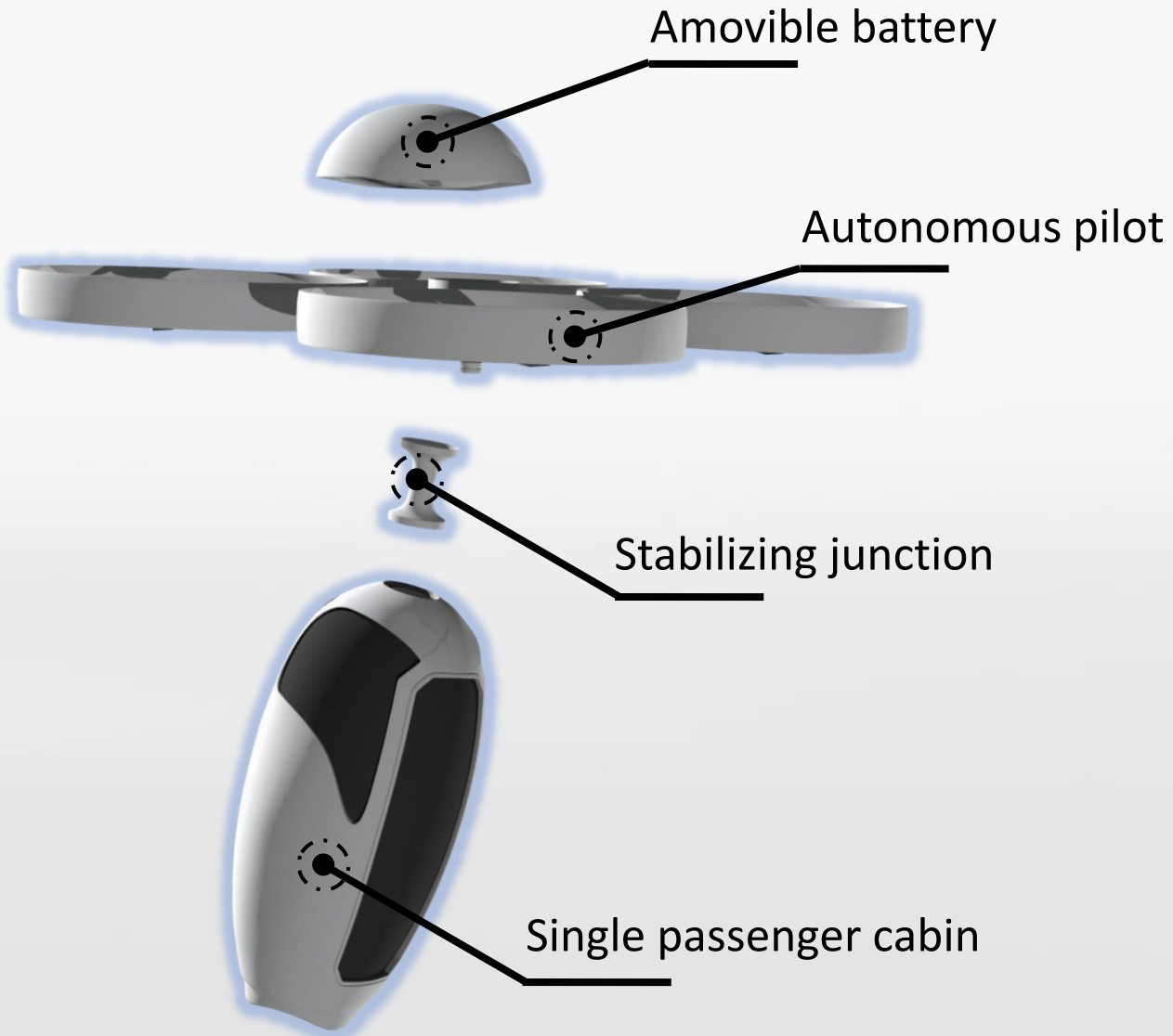
A

prototyp  
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# A smart positioning



- ✎ Avoid direct competition through **single passenger** aircraft for **short distances**.
- ✎ Simplified operating protocol with **light autonomous** CAPS for **low cost** transportation.

	Onboard pilot	Autonomous
Multiple passenger	 LILIUM	<b>AIRBUS</b> <b>EHANG</b>
Single passenger	 VOLOCOPTER	 CAPS

# Adaptability for early applications

*Reliability demonstration through numerous flight hours remains the best approach for both **public acceptance** and technological readiness. Early applications benefit from **simplified regulations** within specific local markets.*

Airport shuttle



Tourism



Industrial

