

# sydron

WORTHY AIR MOBILITY



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# DESCRIPTION OF THE 1<sup>ST</sup> MODEL

WORTHY AIR MOBILITY

# DESCRIPTION OF THE 1<sup>ST</sup> MODEL



2 PEOPLE



ELECTRICAL  
BATTERY



90 KMH  
MAX SPEED



8 MOTORS



30 MIN  
FLIGHT TIME



MANUAL &  
AUTONOMOUS  
CONTROL



50 km  
DISTANCE



600 kg  
WEIGHT

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# DESCRIPTION OF THE 1<sup>ST</sup> MODEL

The first in Poland  
electrical VTOL vehicle.

Next model combi:  
**electrical + hydrogen**





# WHAT MAKES US DIFFERENT FROM OTHER eVTOL:

## Compact size of SYDRON

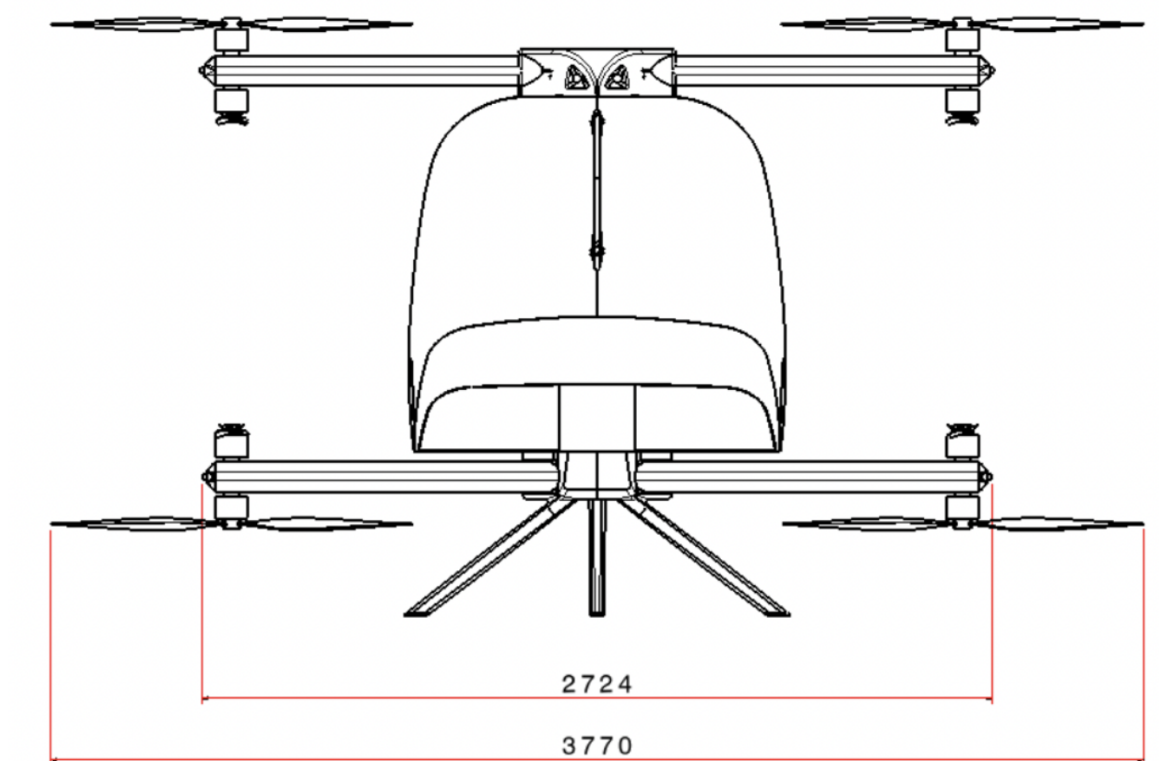
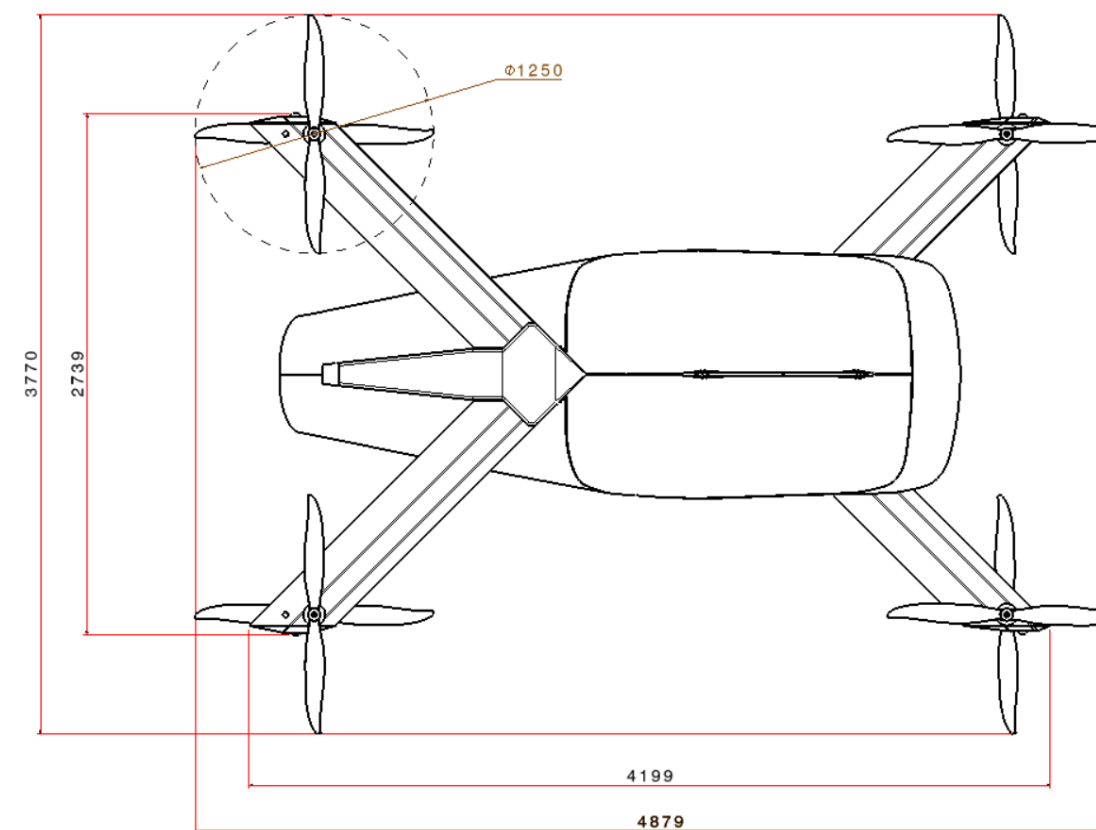
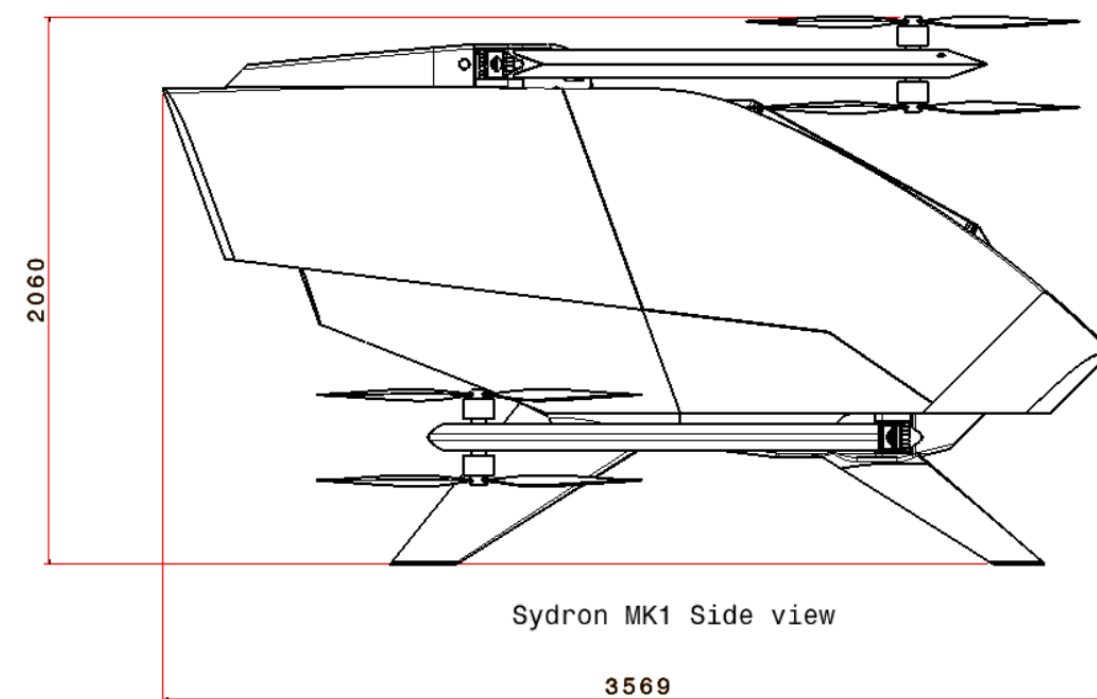
allows to perform a door to door journey

## Autonomous flight software

for takeoff and landing developed in-house

## Know-how in hydrogen:

VTOL with electric- hydrogen solution gives more flight capability



WHEN YOU ARE READY TO FLY  
JUST UNFOLD WINGS AND TAKE OFF

WORTHY AIR MOBILITY



# AEROSPACE ENGINEERING RESEARCH PARTNERS

We work together  
with leading experts  
and researchers  
from the best universities:



Rzeszow University  
of Technology (Poland)



University  
of Miami (US)

**ETH** zürich

ETH (Switzerland)



University of NY (US)



Politechnika  
de Barcelona (Spain)

# CHALLENGES & PROBLEMS

- People **waste a lot of time** while travelling process (taxi, helicopter, boat etc.)
- **High cost** of transportation and maintenance
- **Safety concerns** human pilot error
- **Negative transport impact** on the environment
- Aviation transportation **noise**

# SOLUTIONS



## TIME

SYDRON cuts travel time from 60 min to 15 min



## SAFE

Fully autonomous flight for takeoff and landing



## COST

Affordable cost per passenger – 1,93 EUR/KM



## ECOLOGICAL TRANSPORT

Zero emission



## LOW LEVEL OF NOISE

Quieter than helicopter

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# OUR CLIENTS

WORTHY AIR MOBILITY

# B2B CUSTOMER PROFILE

Sea Ports

Ferry companies

Government authorities

Airlines and aviation companies

Transportation mobility

Military & defense

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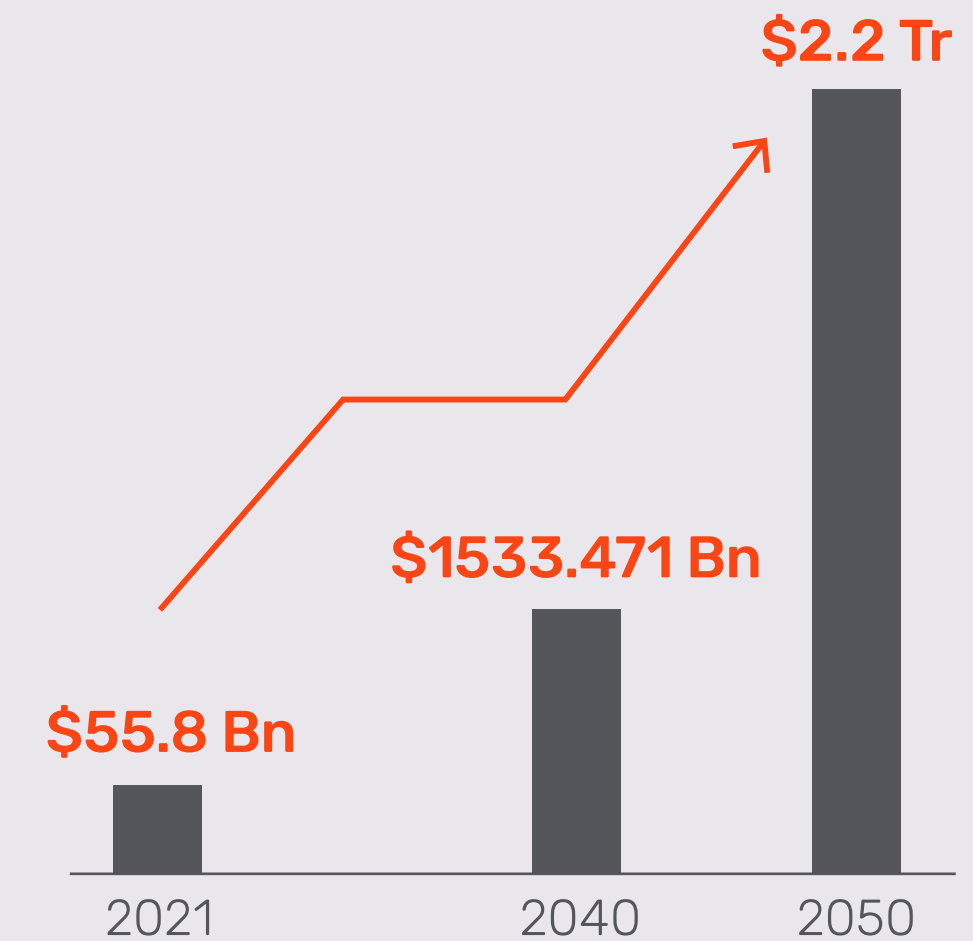
# MARKET SIZE

WORTHY AIR MOBILITY

# MARKET SIZE

**Flying Cars Market  
Size Worth  
USD 1533.471 Billion,  
Globally, by 2040  
at 58.01% CAGR**

**58.01%**



**Overall, our drone market analysis shows that the market as a whole (commercial + recreational) will be worth US\$55.8 billion by the year 2030\*\***

**Total Air mobility  
in 2050: USD 2.2 Tr**

\*<https://www.globenewswire.com/news-release/2022/10/04/2527458/0/en/Flying-Cars-Market-Size-Worth-USD-1533-471-Billion-Globally-by-2040-at-58-01-CAGR.html>

\*\* <https://dronelife.com/2022/09/26/droneii-drone-market-report-where-the-drone-industry-will-grow-the-fastest-by-2030/>

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# THE FIRST STEP

WORTHY AIR MOBILITY

# THE FIRST

## STEP: COOP WITH SEA PORTS (VERTIPOINTS)

+ The biggest international harbours **have already whole infrastructure** for aviation facilities

+ The harbours **control the flying space** over their territories

+ The harbours are **looking for innovation** and want to help to promote **the ecological projects**

+ The super-yacht harbours are **focusing on luxury clients**

+ The harbours have **opportunity to develop the flying path** from Super Yacht to harbour

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THE FIRST  
STEP: COOP WITH SEA PORTS (VERTIPOINTS)

Building project  
together with Sea  
Ports (vertiports)

**Game changer  
in global  
transportation**



WORTHY AIR MOBILITY

# FUTURE PARTNERS - VERTIPORTS:

THE FIRST STEP:

**Port of Barcelona**  
(Spain)

THE SECOND STEP:

**Port of LA**  
(USA)

THE THIRD STEP:

**Port of Gothenburg**  
(Sweden)

THE FOURTH STEP:

**Port of Antwerp-  
Bruges**  
(Netherlands)

THE FIFTH STEP:

**NEOM**  
(Saudi)

IN PROGRESS:

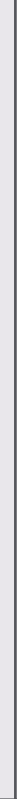
- + Port of Montreal
- + Port of Hamburg
- + Port of Vancouver
- + Port of Busan

# PROMO CALENDAR

**FOR 2023-2024**

In Partnership with  
Port of Barcelona (Spain):  
Barcelona (Spain):  
**The Smart City Expo  
World Congress**

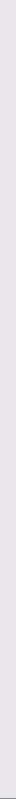
08.11.2023 - 10.11.2023



2023 >

Las Vegas (USA):  
**CES The Most  
Influential Tech Event  
in the World**

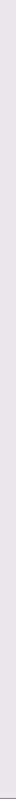
01. 2024



2024 >

In Partnership with  
Port of Barcelona  
(Spain):  
Barcelona (Spain):  
**37th America's  
Cup Yacht**

10. 2024



**+ other Aviation  
exhibitions**

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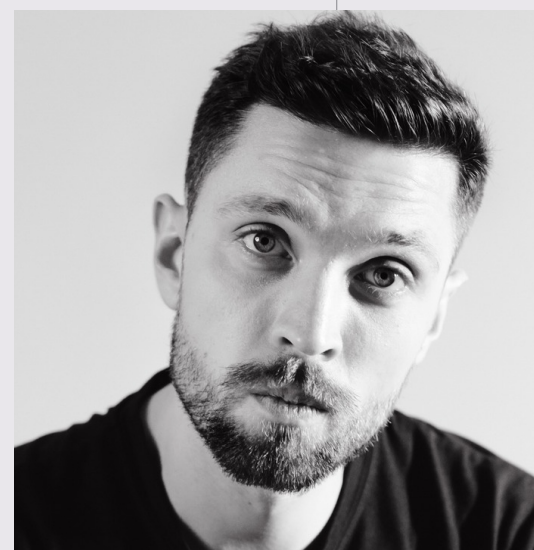
# TEAM AND HISTORY

WORTHY AIR MOBILITY

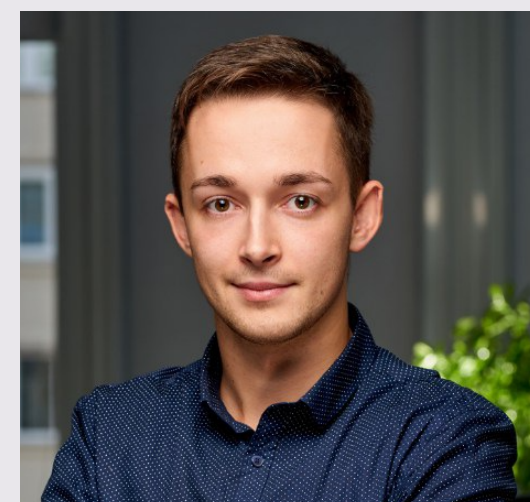
# TEAM AND HISTORY



**Denis M.**  
Founder  
and CEO



**Bartolomej Z.**  
CTO



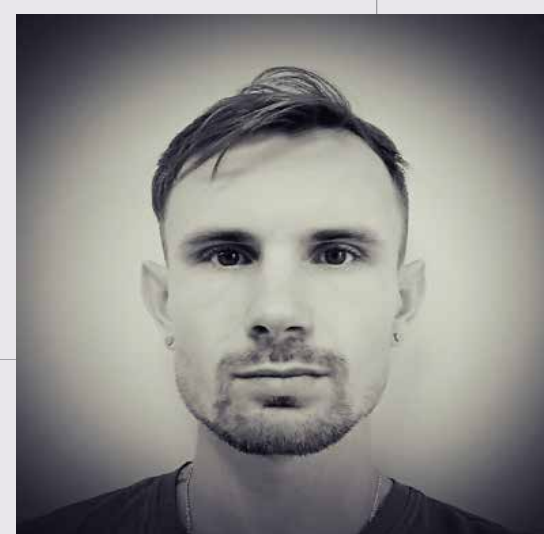
**Vlad K.**  
Senior electrical  
engineer



**Taras D.**  
Senior tech  
engineer



**Andrei A.**  
Design  
Director



**Aleksandr A.**  
Senior avionics  
Specialist



**Artem K.**  
Visualisation  
designer



**Vladislav L.**  
Marketing



THE SYDRON TEAM CONSISTS OF 25+ ENGINEERS with science and military experience.

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DEVELOPMENT

WORTHY AIR MOBILITY

# CURRENT DEVELOPMENT STAGE

## 2022 - 2023

Gather the best team.  
Design eVTOL (mod. 1,2).  
Technology and material preparations.

## 2024 - 2028

R&D, test and develop first prototype according aviation law.  
Licensing of eVTOL  
Start pre-sale orders

## 2029 - 2031

Production line for mass manufacturing.  
Developing and test hydrogen+ electric batteries.  
Start the deliveries of aircrafts to customers.

## 2031 - 2034

Internationalisation – global scale operations: USA, Middle East, Asia and other.  
Develop the next model of carrying 5 people (hydrogen).  
Fully autonomous flight.

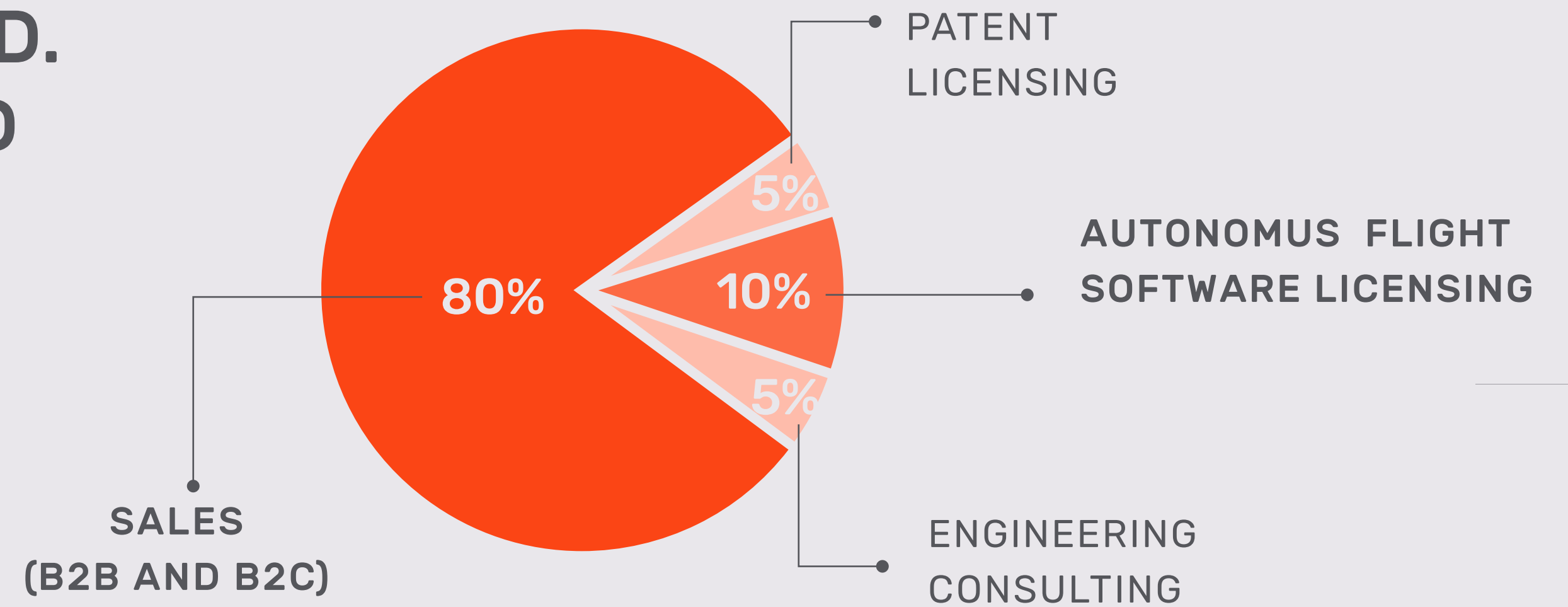
# BUSINESS MODEL

**Price for the model one (1 person) 95K USD.  
For model two (2 people) 350K -500K USD  
depending on the specifications.**

**Pre-order down payment for  
B2C and B2B customers:**

- Stage one -Reservation - 5K USD
- Stage two - Deposit - 10`%
- Stage three -Manufacturing-65%
- Stage four - Delivery - 25%

### REVENUE MODEL:



# FROM SUPERYACHT TO HOTEL 30 KM DISTANCE

| TYPE OF TRANSPORT | LEVEL OF EMISSIONS                    | COST PER PASSENGER | STEPS DURING JOURNEY | TIME          |
|-------------------|---------------------------------------|--------------------|----------------------|---------------|
| <b>Motorboat</b>  | 390g of CO2/mile**                    | 95 USD             | MOTORBOAT +CAR       | 50 MIN        |
| <b>Helicopter</b> | 295 lbs CO2 per passenger per hour*** | 850 USD*           | HELICOPTER + CAR     | 30 MIN        |
| <b>SYDRON</b>     | <b>ZERO</b>                           | <b>61 USD</b>      | <b>DOOR TO DOOR</b>  | <b>15 MIN</b> |

\*<https://www.helipass.com/en/touristic-helicopter-flights/1/panoramic-flights-transfert-cannes-nice-1.html>

\*\* <https://www.bbc.com/future/article/20200317-climate-change-cut-carbon-emissions-from-your-commute>

\*\*\* <https://www.carbonindependent.org/22.html>

# FUNDRAISING

| TIME         | TYPE OF INVESTMENT    |   | AMOUNT          |
|--------------|-----------------------|---|-----------------|
| TILL 12.2023 | Angel investors       | convertible note with discount            | UP TO 1.1 M USD |
| 01.2024      | EU grant - PARP SMART | covers up to 70% of prototype development | 2,8 M USD       |
| 2027         | VC investment round   | shares                                    | 30 M USD        |

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# INNOVATION/ NEXT MODEL

WORTHY AIR MOBILITY

INNOVATION/  
NEXT MODEL

› Top secret change for  
Fully autonomous flight  
(without pilot)

› up to 2 hours  
flight time

› carrying  
5 people

› in future:  
electrical +  
hydrogen

CONTACT  
US:

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WHEN YOU WERE  
BORN TO FLY



**Denis Minakov**

Founder & CEO

dm@ 24.tech



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