GAME OF GOALS

Try&Fly

unique developement project of urban infrastructure

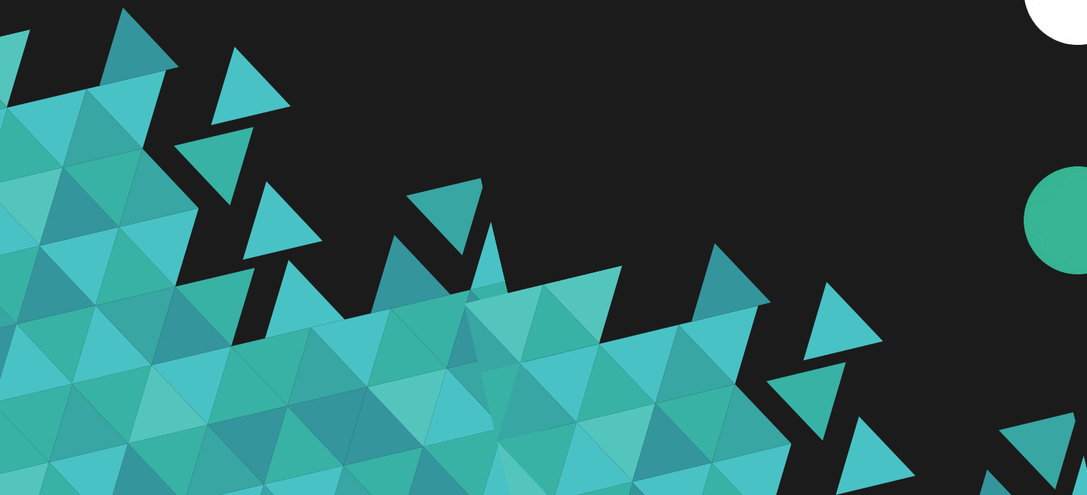
Goal

IMPLEMENTATION OF AN INNOVATIVE TYPE OF TRANSPORT - AIR TAXI IN THE AMOUNT OF 8 PIECES, CAPABLE OF CARRYING 438,000 PASSENGERS PER YEAR, TO SAVE TRAVEL TIME AND INCREASE THE USABLE ROAD SPACE

Problems

The population of megacities needs stable urban mobility

- High transport congestion
- The usage of unsustainable transport
- Unpresentable look of the vehicles
- Expensive air transport
- Danger of accidents



Solutions

1 STEP

- agree with government agencies on working conditions, location of infrastructure, connection to the power grid, regulation methods
- attraction of investments for the project

2 STEP

- infrastructure construction
- informational support of the project
- purchase and supply of air taxi
- testing

3 STEP

- application launch on iOS and Android
- start of air taxi operation
- development of service for the entire northwestern federal district

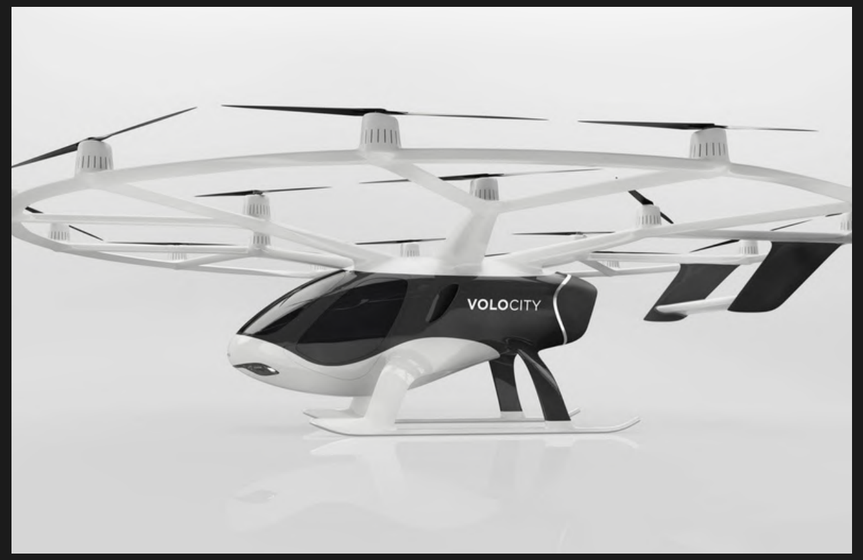
Air taxi prototypes

VOLOKOPTER VC200

- Speed: 60 kmph
- Range of flight: 22 km
- Carrying capacity: 220 kg
- Flight duration: 20 minutes

- Speed: 70 kmph
- Range of flight: 27 km
- Carrying capacity: 260 kg
- Flight duration: 27 minutes

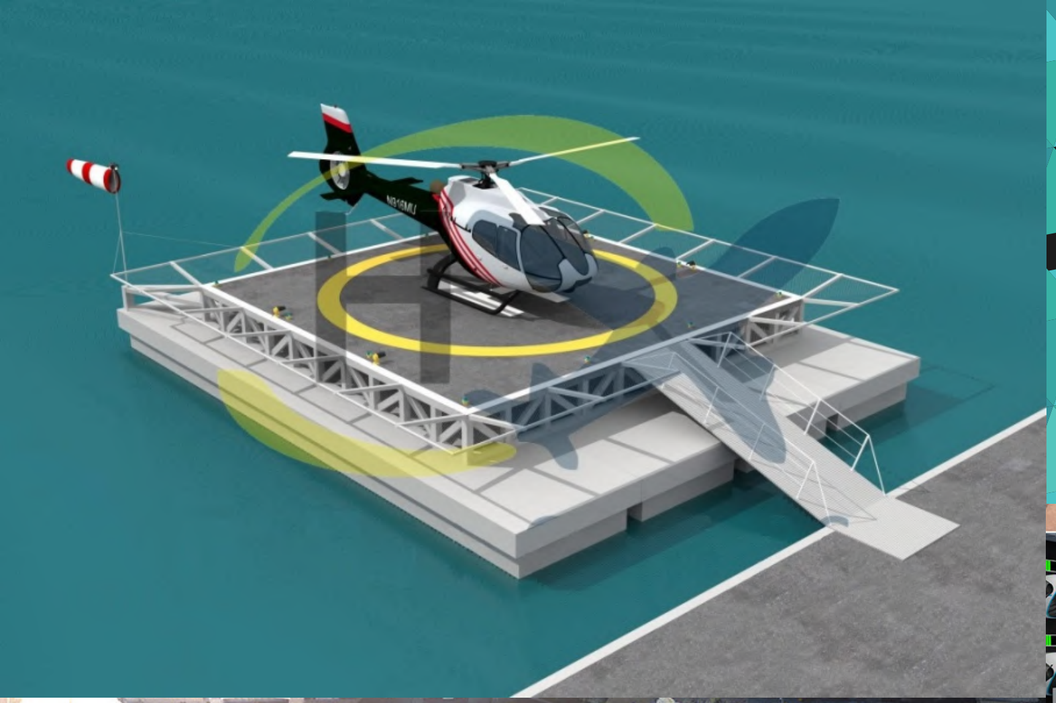
VOLOKOPTER 2X

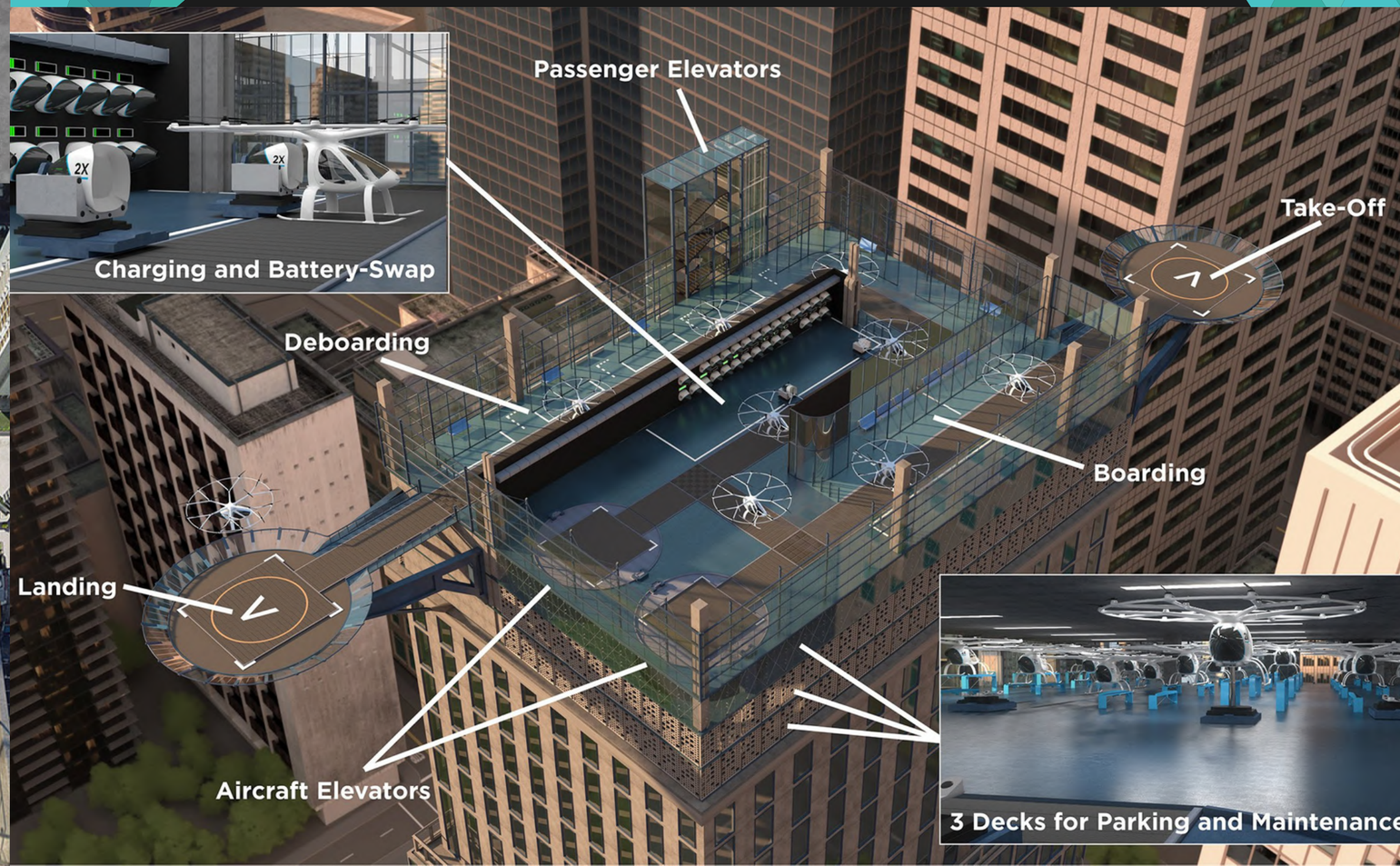


VOLOCITY

- Speed: 110 kmph
- Range of flight: 35 km
- Carrying capacity: 450 kg
- Flight duration: 1 hour

Examples of take-off and landing sites





Target audience

Tourists

AGE
FROM 6 TO 55 YEARS

EXPENSES DURING THE TRIP
FROM 30 000 TO 250 000 RU

DURATION
UP TO 2 WEEKS

WANT TO SEE THE CITY FROM THE UNUSUAL SIDE

Target audience
Business community

AGE:
21+

INCOME
150 000+

NUMBER
150 000 PEOPLE

FROM THE RESIDENTS
2,6%

VALUE THEIR TIME AND WANT TO MOVE QUICKLY

Ordering an air taxi

Routes and stops

CURRENT ROUTES

MAY BE DEVELOPED

FLIGHTS ARE PROHIBITED

Noise pollution

- USAGE OF QUIETER ENGINE
- CREATION AND COORDINATION WITH THE CITY GOVERNMENT OF THE OPTIMAL FLIGHT TRAJECTORY

- SPECIALIZED TAKE-OFF / LANDING SITES
- THE USE OF SOUNDPROOF MATERIALS

Safety

- FLIGHT ALTITUDE: 150 METERS
- TRANSPORTATION WILL BE CARRIED OUT OVER THE RIVERS, THE RAILROAD AND ROUTE LINES
- VERTICAL TAKE-OFF AND LANDING IS DESIGNED TO ELIMINATE THE POSSIBILITY OF GRAZING BUILDINGS, WIRES AND TREES
- ADS-B SURVEILLANCE SYSTEM ALLOWS TO CORRECT THE MOVEMENT OF AIRCRAFT WITH HIGH ACCURACY

Finance

THE COST OF ONE AIR TAXI - 8 896 476 RUB

REQUIRED QUANTITY -

TOTAL NUMBER OF STOPS -

THE COST OF ARRANGING ONE STOP - 10 000 000 RUB

TOTAL INVESTMENTS: 152 433 616 RUB

PROFIT OF THE PROJECT FOR THE YEAR IS 138 600 000 RUB

DP = 15 MONTHS

ROI = 33,8%

Air Taxi Implementation Process

THE REGULATION OF THE PROCESS OF AIR TAXI IMPLEMENTATION SHOULD BE CARRIED OUT JOINTLY WITH:

- THE GOVERNMENT OF ST. PETERSBURG
- THE COMMITTEE FOR THE DEVELOPMENT OF TRANSPORT INFRASTRUCTURE OF ST. PETERSBURG

Market promotion & PR

- ADVERTISING IN PUBLIC TRANSPORT (METRO, SAPSAN, AIRPORT, ETC.)
- ADVERTISING IN TOURIST SERVICES
- INCREASING POPULARITY THROUGH SOCIAL NETWORKS

What will change?

- NCREASING MOBILITY OF THE CITY
- CREATING NEW OPPORTUNITIES FOR BUSINESS PASSENGERS
- INCREASING THE NUMBER OF TOURISTS WITH A UNIQUE WAY OF TRANSPORTATION
- SHOWING ELECTRIC VEHICLES FROM THEIR BEST SIDE
- INCREASING PASSENGER CONFIDENCE IN UNMANNED AERIAL VEHICLES

Which sustainable developement goals can be influenced?


Elon Musk's nine friends