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# Next Generation Urban and Regional Transportation

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# The need for mobility will further increase

- In 2035, according to the UN, 60% of the population on our planet will live in cities or in urban areas.
- Cars will be electric and autonomous, but still jam the streets.
- Public Transportation will ever be the backbone of any smart city, but capacity extensions slow down and infrastructure is expensive.

# New solutions for mobility are needed

- Therefore, fast, reliable and safe intra-urban transportation will become the challenge of any city that wants to stay livable.
- We believe that Urban Air Vehicles (UAV) and Regional Air Vehicles (RAV) will become part of our daily life.
- We work on integrated mobility solutions at the third dimension for smart cities of the future and the smart regions of the future: Urban Air Mobility (UAM) and Regional Air Mobility (RAM).

# Short introduction to EBIRD

- EBIRD is a new-technology driven air mobility provider with focus on two business areas:
  - Urban Air Mobility, range up to 50 km in densely populated urban areas
  - Regional Air Mobility, range up to 300 km in-between regional areas
- EBIRD offers highly efficient, silent transportation at affordable fares and with renewable energy and with zero emission in the air using next generation electric powered air vehicles
- EBIRD will start eVTOL-operations in 2023
- EBIRD is headquartered in Kloten, Switzerland



## Our vision

We are the first mover Urban Air Mobility and Regional Air Mobility provider in Europe.

We offer air mobility solutions within and between smart cities and smart regions using tomorrow's green technology.

## Our mission

We are the missing link between traditional air and public ground transportation and cab companies.

We offer safe and reliable transportation at the third dimension, sustainable and at attractive and affordable fares.

We are part of a seamless travel system.



# The power of the future is green

- Once available, we will operate a fleet of state of the art technology
  - Passenger drones and
  - Fixed or Tilt-wings aircraft
- based on electrical or hybrid power and
- designed for vertical take-off and landing (eVTOL)



# A new chapter in Urban and Regional Air Mobility

New technology air vehicles will become the solution for urban and regional mobility as

- **Less infrastructure** will be needed as most of the OEMs develop eVTOLs. Even remote or difficult accessible areas can be served in future
- **Less noise and use of energy** - a new propulsion system “fueled” by sustainable and renewable energy
- **Less cost** - the operating cost per passenger will dramatically decrease which makes the next generation of regional transportation more affordable to more people
- **More passengers** - The small capacity of the future air vehicles fulfills today’s demand to flexible and individual travel needs

# What's next?

- First of all, we believe Switzerland is the perfect location to create and start such a visionary company due to its academic, technological, financial and political setup.
- Building-up an extensive innovation network with universities, technology partners, manufactures, regulatory authorities, the civil community and investors.
- Working with partners jointly on real life cases rather than desk top plans, will move us forward with high speed.



Urban and Regional Air Mobility is brand new and exciting – a completely new mode of mobility to be deployed and scaled up.

Let's team up and create the future of mobility!



Thank you



**EBIRD**