

THE VERTIPOINT

Cities in which this new service will be activated they will need to identify the most popular areas and sites to install **Dronepad Italy landing stations**, with the aim of building **a widespread network**, able to **cover the most vibrant areas for business, commerce** and **standard passenger flows**.

Vertipoint stations will be **easy-to-access** and easily identifiable, like metro stations, but instead of trains, they will feature aircraft. They will be placed in the hubs of the cities, close to lively, financial districts.

Comfort, aesthetics, entertainment, business oriented solutions: we satisfy any needs, following your experience with drones and helicopters before, during and after their use.

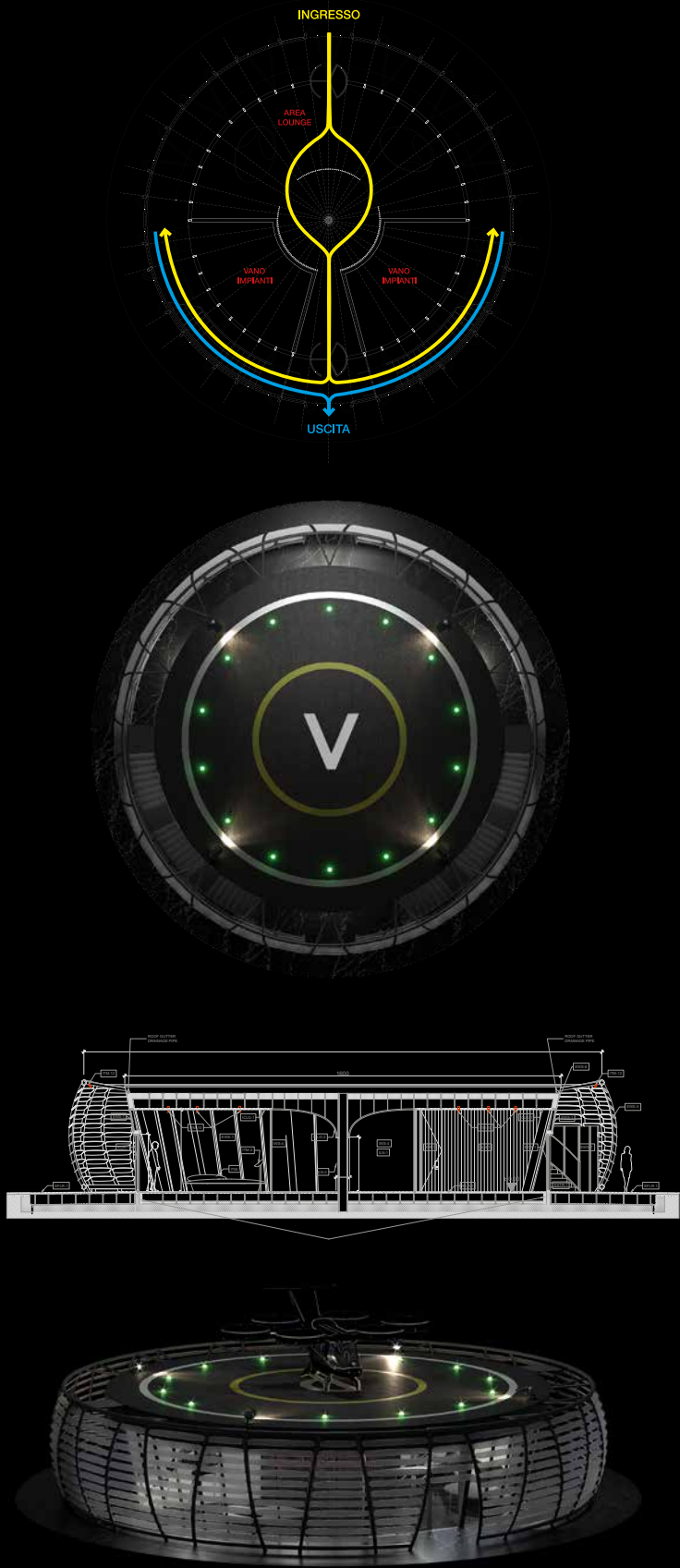


inside a Vertipoint

Dronepad Italy landing and take-off stations may be located wherever there is a walkable space of at least 200 square meters such as a square, the roof of a building, multi-storey car parks, towers and lay-bys.

Each station is equipped with **LED lighting, noiseless controlled mechanical ventilation, Wi-Fi internet connection, background music** and any other comfort which can turn a waiting time into a relaxing moment.

All the services activated within the station are controlled, diagnosed, and managed by an Artificial Intelligence (AI) setting the necessary checks for each operation performed within the station and on the landing and take-off platform.



A DIRECT ACCESS
TO A BRAND NEW
OPPORTUNITY
OF BUSINESS.

130 mln
PASSENGERS IN 2028

23000
VTOL IN 2030

740 mln
PASSENGERS IN 2030



DRONEPAD
ITALY

Land Anywhere.

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DRONEPAD
ITALY



VTOL WIDESPREAD INFRASTRUCTURE

ABOUT US

WIDESPREAD
INFRASTRUCTURES FOR VTOLS

DRONEPAD ITALY IS THE RESULT OF HELIDECKS' LONGTIME EXPERIENCE IN THE FIELD OF AERONAUTICAL INFRASTRUCTURES.

Helidecks is a company based in Italy with a branch in the Dubai South Aviation area in the UAE. It's controlled by **Tekno Consulting Group**.

For over 15 years **Helidecks** has carried out construction work on landing sites, flight bridges and heliports in various fields, both civil and military and has become one of the leaders in the air mobility sector.

AIR MOBILITY

THE CONCEPT OF "URBAN AIR MOBILITY", ESSENTIAL TO MEET THE NEED TO MOVE QUICKLY FROM ONE POINT TO ANOTHER IN CONGESTED METROPOLISES INSPIRED THE DRONEPAD PROJECT IN THE CREATION OF WIDESPREAD INFRASTRUCTURES FOR VERTICAL LANDING AND TAKE-OFF.

A CERTAIFIED
COMPANY

COMPLIES WITH AERONAUTICAL REGULATIONS



UNITED STATES PATENT - ANGELI
PATENT NO.: US 12,018,445B2
DATE OF PATENT: JUN. 25, 2024



WITH THE PATRONAGE OF



HOW DOES IT
WORK DRONEPAD?

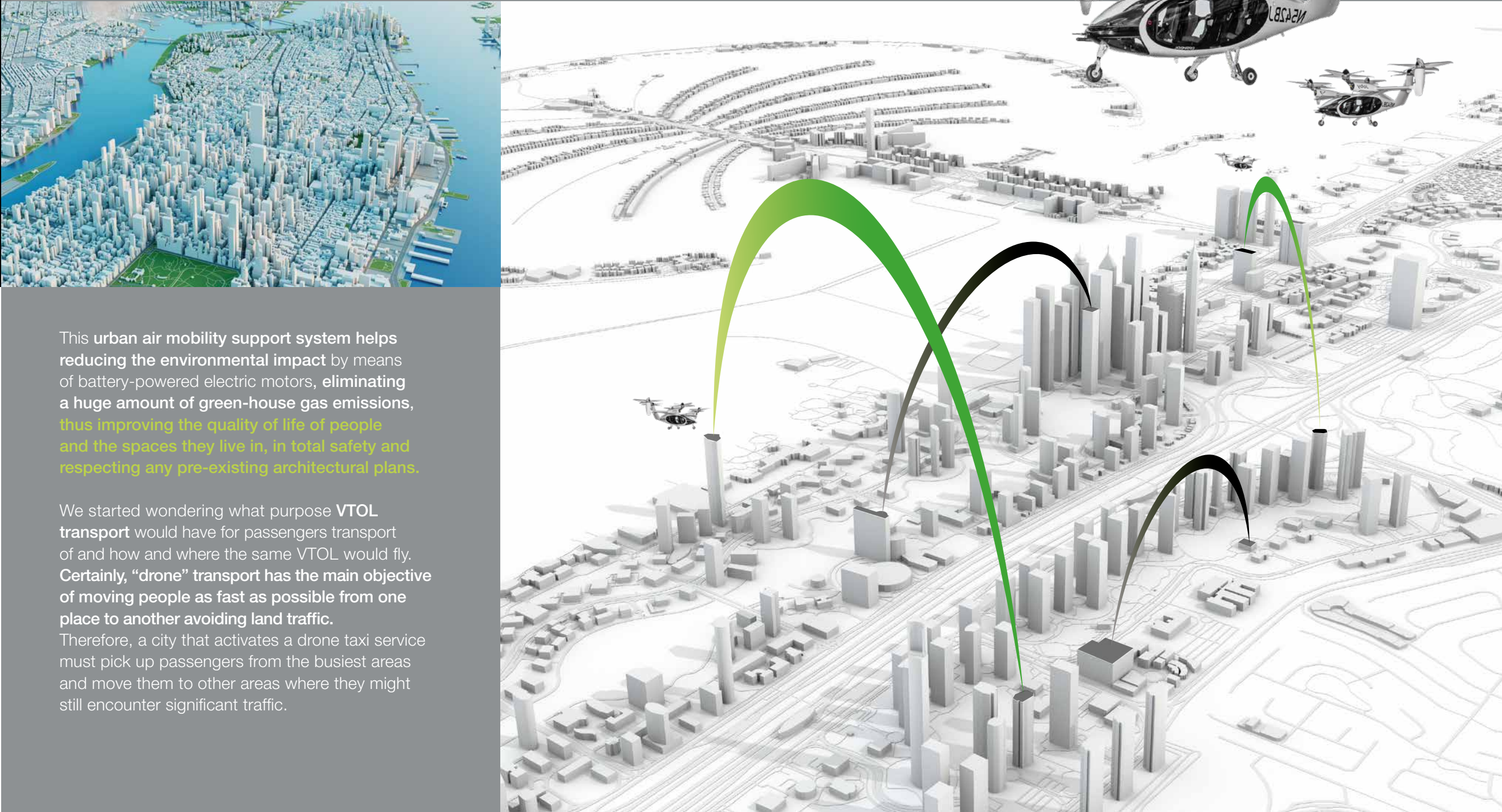
Traffic in our cities is more and more congested this is why it's necessary taking advantage of urban air mobility, to meet work and commuting needs. To this end, **we may resort to the new generation of taxi drones and helicopters**, both for passenger transport and goods distribution, as well as for emergency medical service and civil protection.

We projected and designed a new multi-service landing and take-off station for drones and helicopters: Dronepad Italy. The aerial experience will revolutionise our idea of movement, so far limited by the extremely chaotic, noisy, and polluting traffic of cars and public road transport.

So allow this to happen and to maintain the main feature of speed, it is necessary to create an efficient network of **Dronepads** (Vertipads) located in easily accessible strategic areas of the city, such as pavements, outside shopping centres, where people walk or recreational areas. The **Dronepad** must have the same characteristics as the metro. **Those who would like to move by drone, have to reach the nearest Dronepads and just leave!**

It is impossible to think of activating a drone taxi service and using the heliports on the rooftops to land. It is unthinkable! It would lose the feature of rapidity, having first to reach the rooftop and then go down to ground floor, not even considering the fact of bringing strangers into a hotel or other structure. **Without a suitable dronepad network, a drone taxi service would not be able to exist!**

IMAGINE LEAVING HOME AND **BEING ABLE TO EASILY CHOOSE THE FASTEST WAY TO REACH THE OFFICE, ATTEND A MEETING, OR MOVING MORE QUICKLY IN A BIG CITY...**



Drone Archer

Drone Volocopter

FUTURE MOBILITY GOES BEYOND THE IDEA OF CARS AND OPENS UP TO THE THIRD DIMENSION OF TRANSPORT: **AIR TRANSPORT.**



USES CASES

AIR METRO AND AIR TAXI
The **Air Metro** use case resembles current public transit options such as subways and buses, with pre-determined routes, regular schedules, and set stops in high-traffic areas throughout each city. **The Air Taxi**, on the other hand, allows the customer to independently decide the route and then the landing and take-off stations. Of course, the Air Taxi service would be more expensive than the air metro.

LAST-MILE DELIVERY
Last-mile delivery is rapid package delivery from local distribution also with collection at Vertiport. Deliveries are unscheduled and flight times are determined as orders are placed. The US Federal Aviation Administration has recently granted Amazon's Prime Air drone service approval to operate a fleet of drones that will be able soon to deliver packages to customers.

TRANSPORT AND DELIVERY OF MEDICINES AND VACCINES
Fast delivery to hospitals and vaccination centers. The supplier uses the **Vertiport / Dronepad** as a sorting and delivery center.

