

FOR IMMEDIATE RELEASE

SKY ThinkTank to Launch Malta's First Drone Delivery Service: Flying ZERO

Victoria, Malta – 17 October 2024 – SKY ThinkTank, a leading aviation sustainable innovation company, in partnership with its sister airline SKY Mobility (Malta) Ltd. both based in Gozo, has obtained operational authorization for flight tests from TM CAD, paving the way for Malta's first air delivery service, "Flying ZERO". After two years of extensive preparation, assessments and cutting-edge development, this milestone marks a new era for Malta, with drone type aircraft deliveries poised to revolutionize the logistics industry on the archipelago.

The commercial launch follows the successful completion of final flight tests. Speaking at a press event, CEO Alexander Esslinger emphasized the transformative impact of the service, stating, "This is the beginning of a new era for Malta, where real Flying ZERO deliveries is the right choice when time is of essence, transferring urgencies from congested polluted roads fast and safely to the air." He also stressed that safety and environmental sustainability are core principles of the Flying ZERO service, noting the company's commitment to reducing emissions while ensuring the highest safety standards.

Innovative and Sustainable: A New Horizon for Malta

Flying ZERO, the island's first air delivery service, will introduce a fully sustainable, environmentally friendly air delivery eco-system that is both efficient and reliable. Utilizing cutting-edge Swiss technology, SKY ThinkTank and SKY Mobility (Malta) aim with Flying ZERO to set a new benchmark in urban air mobility delivery services, with a focus on reducing carbon emissions and improving delivery speeds and doing good.

During a proof-of-concept demonstration in Ta'Qali in the summer of 2023, the company showcased the immense potential of remotely piloted drone type aircraft deliveries to support Malta's goal of achieving net-zero emissions in the aviation sector. The technology will be integral to the forthcoming commercial launch, serving as a change maker in industries with urgent delivery needs.

Key Service Areas for Flying ZERO:

1. **Healthcare** – Flying ZERO will enable the rapid and secure transport of critical medical supplies, such as blood samples, between healthcare facilities. The company has already partnered with St. James Hospital as its first customer to ensure lifesaving deliveries like blood samples in time-sensitive situations by beating Malta's traffic congestion by air.
2. **Port-to-Ship Deliveries** – For maritime operations, Flying ZERO will expedite the delivery of essential items like bunker samples and medications to ships at sea. This will improve operational efficiency, reduce turnaround times, and contribute to zero-emission shipping logistics.
3. **Retail & E-Commerce** – The service will cater to retailers and online merchants, offering fast, reliable, and environmentally friendly last-mile deliveries for small parcels, documents, and other essential goods, further enhancing the customer experience for Malta's growing e-commerce sector.

Building a Greener Future

Flying ZERO is more than just a delivery service—it is a solution to Malta's growing demand for eco-friendly logistics. By taking delivery vehicles off Malta's congested roads, the company supports the nation's goal of achieving carbon neutrality by 2050 already today. Partnerships with several key stakeholders and more to come highlight the growing demand for sustainable air delivery services that prioritize efficiency and environmental responsibility.

As part of its commitment to the local community, Flying ZERO is actively recruiting remote drone pilots from Malta and Gozo. Offering comprehensive training and certification programs, the company is creating opportunities for aspiring pilots to shape the future of safe, sustainable and resilient aviation.

Join the Real ZERO Avant-garde Revolution: “Real Solutions for Real Zero Emissions”

Mission ZERO is committed to offering innovative, sustainable solutions that drastically reduce emissions. The company aims to help individuals, businesses, and communities achieve real-zero emissions, not just offset carbon but prevent (insetting) emissions from entering the atmosphere altogether. ZERO envisions a future where flying, boating, and everyday activities are free from a carbon footprint—a vision that Flying ZERO is making a reality.

Leading the Charge for Sustainable Aviation

SKY ThinkTank and SKY Mobility are at the forefront of sustainable aviation solutions with Flying ZERO. Their team, comprising highly skilled professionals with deep industry expertise, is dedicated to reshaping how goods and critical supplies are transported, bringing tomorrow’s possibilities to Malta today.

As Malta’s first zero-emission air delivery service, Flying ZERO sets a new standard for the logistics industry by integrating efficiency, sustainability, and innovation. This pioneering initiative is a bold step toward reducing Malta’s carbon footprint through the use of renewable energy, offering a greener, faster alternative to traditional delivery methods.

Flying ZERO Fleet: Cutting-Edge Aircraft for Sustainable Deliveries

The Flying ZERO fleet is equipped with the most advanced drone technology, designed for BVLOS (Beyond Visual Line of Sight) operations within the EASA specific category. These remote-piloted drones type aircrafts are EASA certified to meet a range of delivery needs while upholding the highest standards of safety, efficiency, environmental and social responsibility. The fleet consists of the following aircraft types:

Aircraft category	Max Payload Capacity	Max Range	Max Speed	Noise Emissions	Operating Conditions
ZERO Air Lite	3 kg	100 km	59 KIAS	50 dB at 150m AGL	24/7, -20 to 50°C, IP54 (light rain), Max Wind: 25 KTS
ZERO Air Manta	15 kg	100 km	70 KIAS	45 dB at 150m AGL	24/7, 0 to 50°C, IP54 (light rain), Max Wind: 24 KTS

These drones are equipped with advanced safety, privacy, and connectivity features, including:

- **Safety Systems:** Avionics, awareness systems, and awareness radios (ADS-B, FLARM in Remote ID).
- **Delivery Methods:** SKYHUBS™ pad ground landing, window-to-window docking, mailbox docking, and door-to-door in collaboration with last-mile partners.
- **Customer Privacy:** Video transmission for landing is blurred at the source.
- **Security:** Equipped with cyber security measures and connectivity via dual LTE SIM slots for redundancy.

Environmental and Operational Impact

- **Serviceable Area:** 600,000 acres
- **CO2 Reduction:** 4.3 kg of CO2 saved compared to a petrol car traveling 35 km (EU CO2 petrol car per KM = 123,4 gr) same time travelled.
- **Noise Emissions:** 50 dB at 500 ft AGL
- **Wind Resistance:** 24 KTS (6 Bft)

The Flying ZERO fleet not only revolutionizes air delivery but also actively contributes to Malta's goal of achieving carbon neutrality by 2050, showcasing the potential of sustainable aviation.

SKY ThinkTank and SKY Mobility invite businesses with time-sensitive supply chain demands to embrace the future of sustainable logistics. Flying ZERO offers a transformative solution for companies seeking to enhance customer satisfaction with faster, more efficient deliveries. Whether in healthcare, maritime operations, retail, or e-commerce, our zero-emission drone fleet provides a reliable, eco-friendly alternative to traditional transportation methods. By partnering with Flying ZERO, businesses can streamline operations, reduce their carbon footprint, and lead the way in adopting sustainable, cutting-edge delivery solutions.

Additionally, SKY ThinkTank will be exhibiting at TechXpo, MFCC Stand 20, from 17–19 October 2024. Interested visitors (with free entry) are invited to explore the innovative, sustainable ZERO Air Lite, which is being prepared for final test flights and operations involving the transport of blood samples and specimens for hospitals.

Choose Flying ZERO. Making a difference.

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Download (Brand Guidelines, Logo, Images, videos):

<https://www.real-zero.eu/press>

1 About SKY ThinkTank

SKY ThinkTank Ltd., part of the SKY Group, is a leader in aviation innovation, specializing in innovative, sustainable and eco-friendly air travel solutions claiming to make your journey count. By partnering with experts together with more than 120 years of experience and utilizing cutting-edge technology, SKY ThinkTank is at the forefront of reshaping urban air mobility and the aviation industry toward a more resilient and environmentally conscious future.

2 About Flying ZERO

Flying ZERO, operated by SKY Mobility (Malta) Ltd., is dedicated to transforming the aviation industry through zero-emission, innovative, sustainable air transport. The company's upcoming "ZERO Air Delivery as a Service" will provide Malta's businesses and individuals with an eco-friendly alternative to traditional logistics, contributing to a greener, more efficient world. SKY Mobility (Malta) Ltd. is recognized and supported by EU EIT Urban Mobility programme.