



Steffen Bay
Head of Market
Development – Latin
America
Vertical Aerospace

Pioneering Electric Aviation



VERTICAL

PIONEERING ELECTRIC AVIATION

Heli Investor - London

April 2022

WHY EVTOL

A \$1TN MARKET

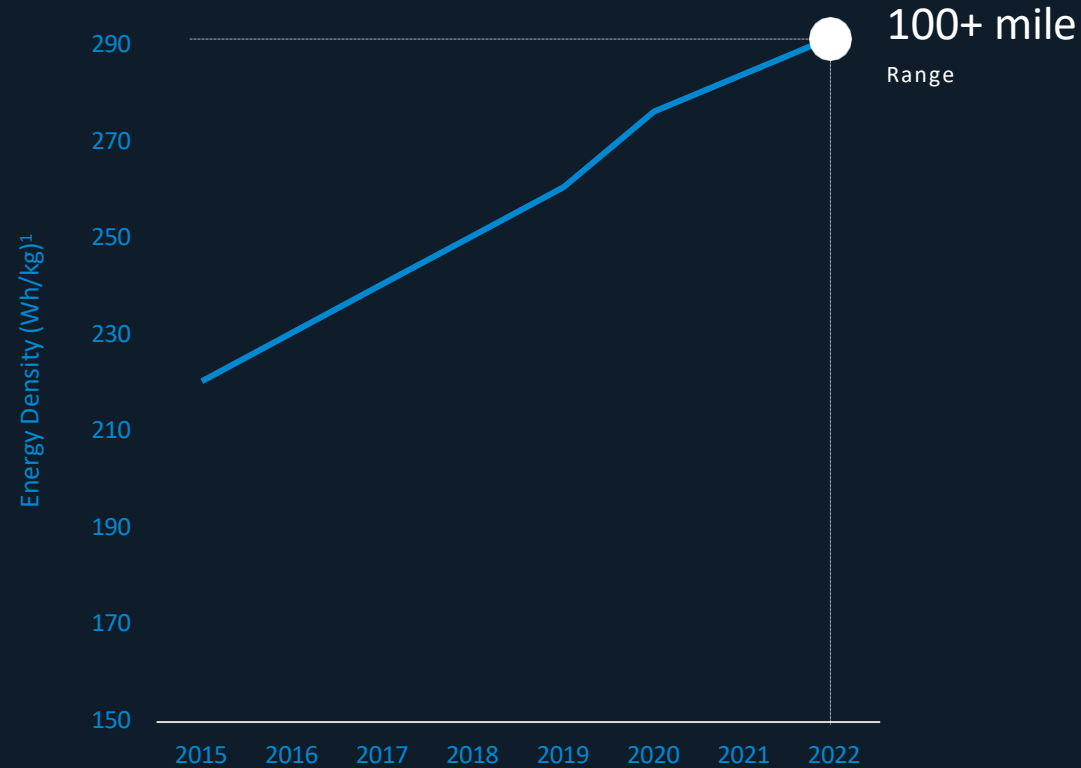
SAFE
QUIET &
AFFORDABLE

EMISSION FREE

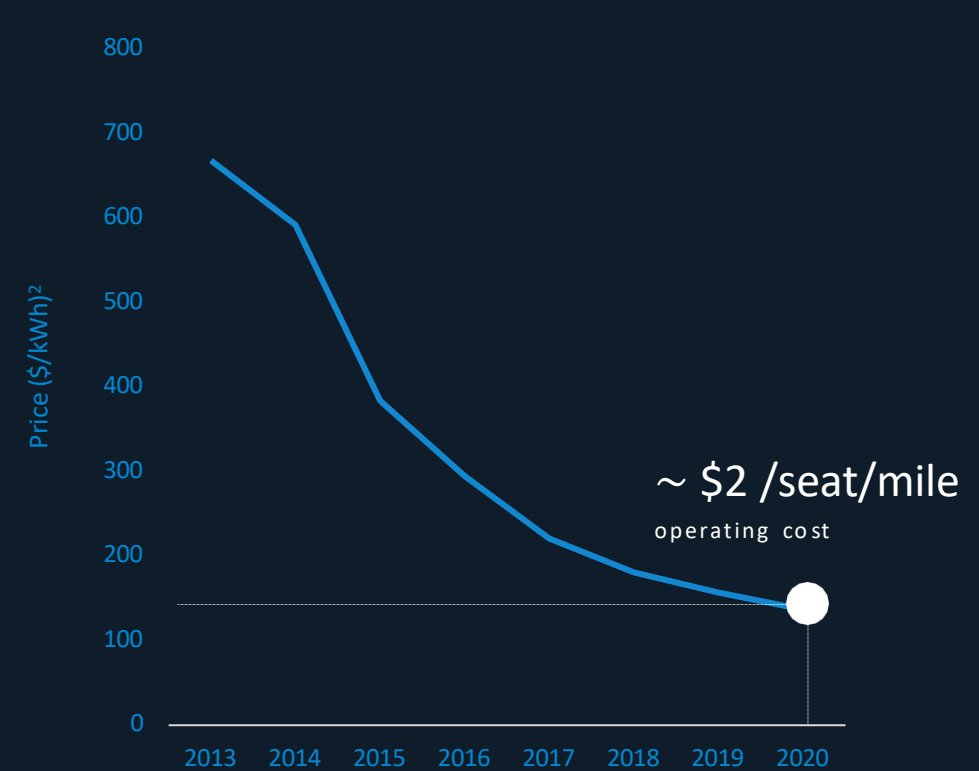




BATTERY CELL ENERGY DENSITY (Wh/kg)¹



BATTERY CELL PRICE (\$/kWh)²



SIGNIFICANT ADVANCES IN TECHNOLOGY

THE TECHNOLOGY IS HERE

The transformation of the automotive industry and the transition to electric vehicles and distributed electric propulsion has pushed energy storage technology to a point which unlocks eVTOL range of 100+ miles

AT THE RIGHT PRICE

As well as getting better and better, the cost of this technology has fallen to a point where we can deliver an eVTOL operating cost using existing technology of just ~\$2 per seat mile



SUPPORT TEAMS IN EUROPE,
NORTH AMERICA, SOUTH
AMERICA AND ASIA

50,000 FT² OF TEST FACILITIES
TWO PROTOTYPES
FLOWN TO DATE

LISTED ON THE NEW YORK
STOCK EXCHANGE IN 2021
UNDER THE TICKER EVTL



VX4

CAPACITY

5 People

4 passengers
1 pilot

RANGE

100Miles

TOP SPEED

200mph

PAYLOAD

560kg

at maturity

NOISE

<50dBa

in cruise

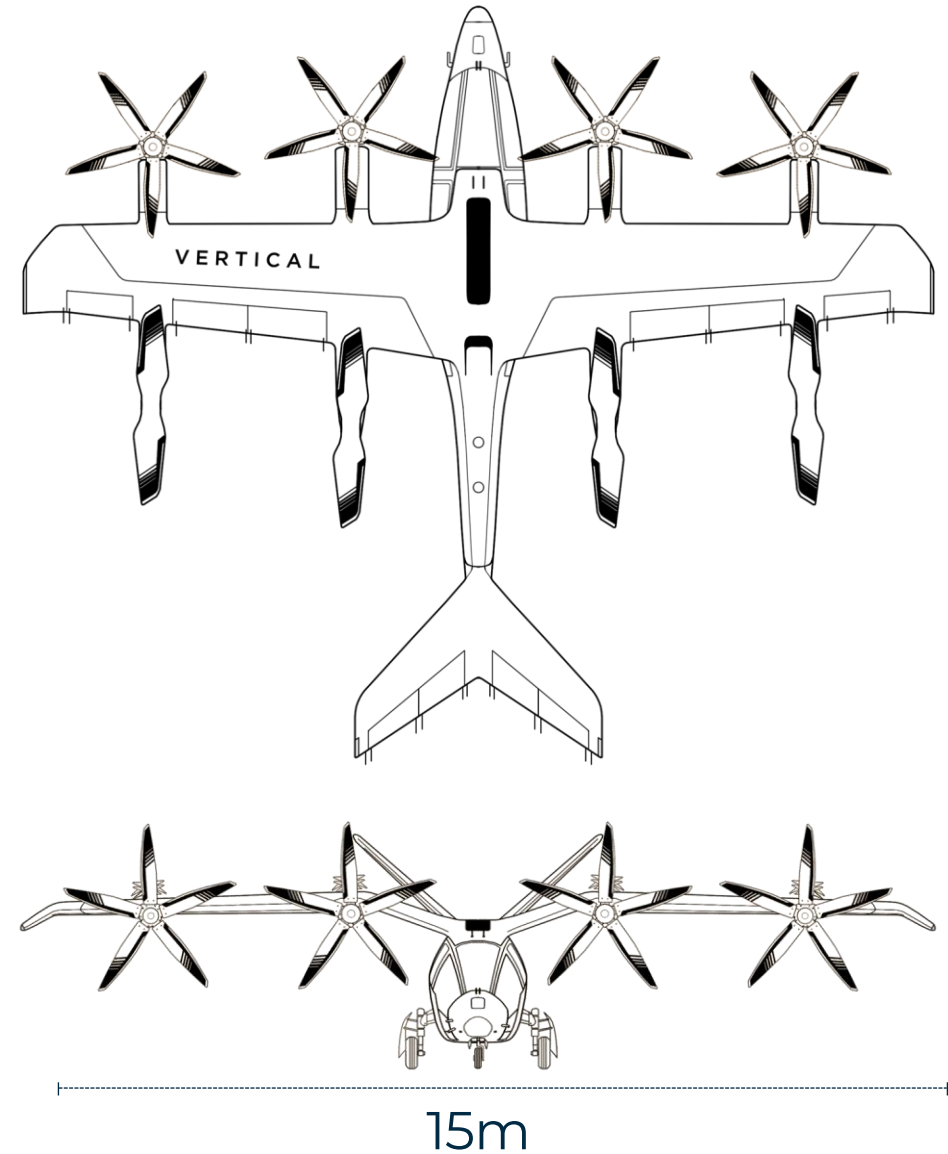
CO₂ EMISSIONS

0

13m

4m

15m



Rotors
Designed for high performance and low noise

Battery
Designed around cells already in commercial automotive application

Aerodynamics
Optimum aircraft stability with the lowest weight and drag

Scalability
Allows development of variants at minimal cost



Electric Propulsion Unit
6 years of development



Rolls-Royce

Avionics and Flight Controls
4 years of development

Honeywell

Wing
Tech already in service



Fuselage
Leonardo aerostructures



Composite Materials
Tech already in service



SOLVAY



WORLD-LEADING ORDER BOOK OF 1,350 AIRCRAFT



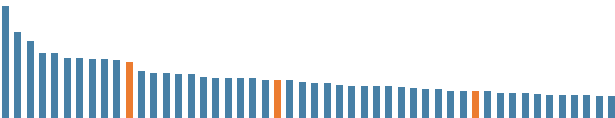
USE CASES

1. AIRPORT TRANSIT (25 – 50 MILES)



TOP 50 CITIES BY
POPULATION AS OF 2018¹

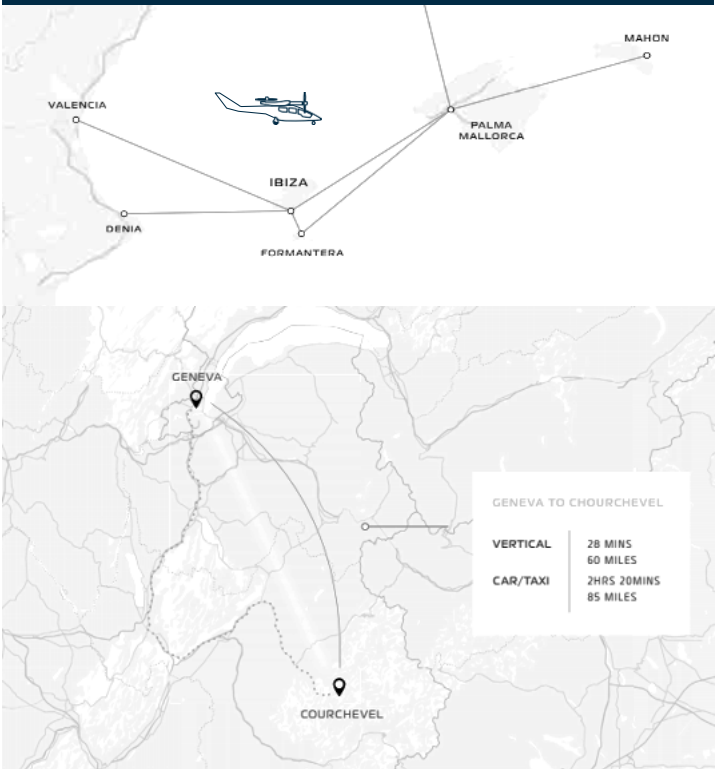
■ - United States
■ - Rest of World



2. INTER CITY AND POINT TO POINT ROUTES (60 – 100 MILES)



3. INTER ISLANDS & TOURISM (25 – 100 MILES)



GENEVA TO COURCHEVEL

VERTICAL	28 MINS 60 MILES
CAR/TAXI	2HRS 20MINS 85 MILES



ME DE VAC



PASSE NGER



CARGO



HEAT



COLD



CORE



WATER



ALTITUDE



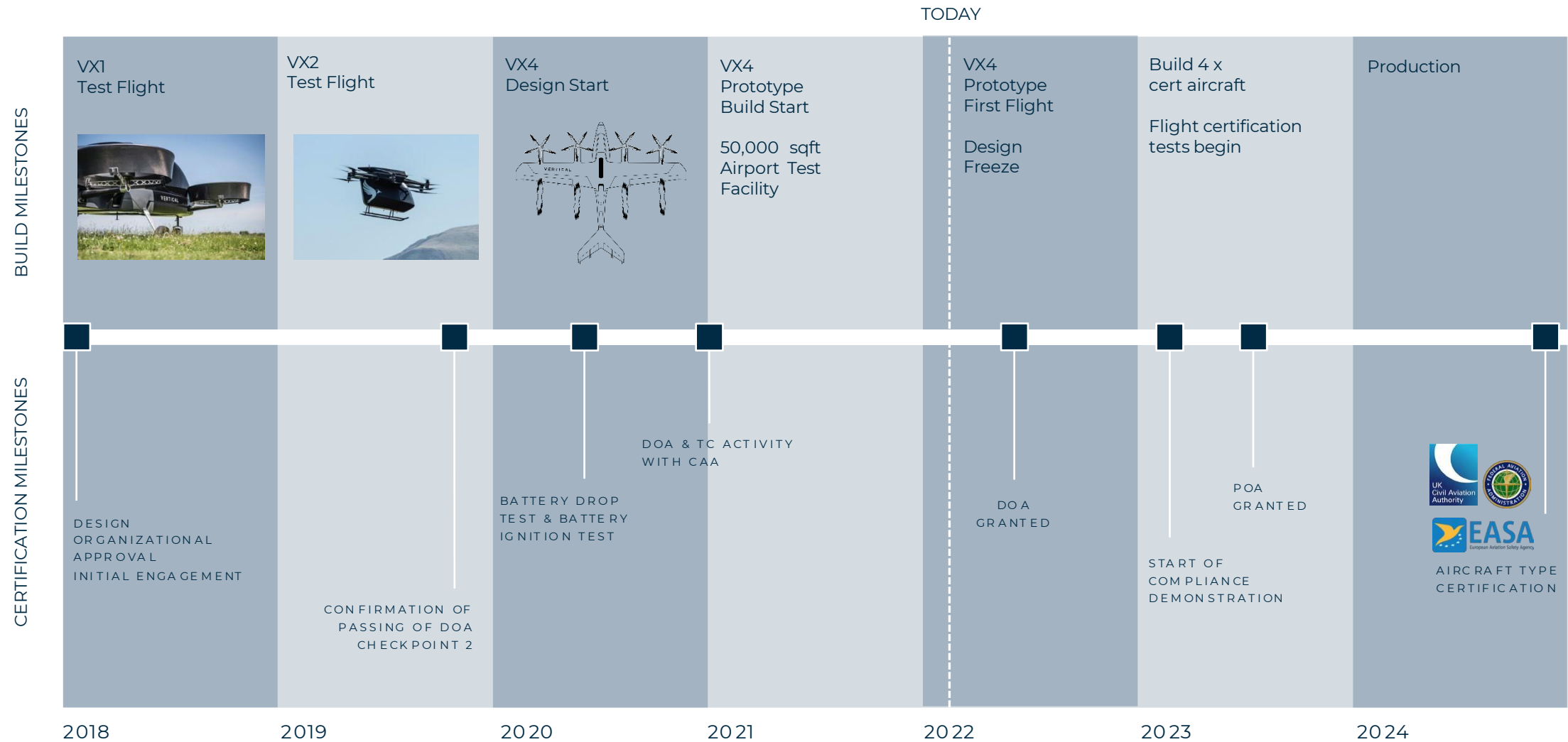
PROPOSED VX4 PRODUCT FAMILY



GLOBAL CERTIFICATION REACH



ON TRACK FOR CERTIFICATION IN 2024





VERTICAL

THANK YOU

DISCLAIMER

The technical, operational and performance specifications, potential service offerings, pricing, and other metrics, data and details, referred to in this document are indicative estimates as of the date of publication and are based on Vertical's most recent performance and costing analyses (where available, or otherwise based on current design targets), current business plans, and its understanding of current and likely future relevant regulatory frameworks and requirements for certification. The VX4 aircraft is not yet certified. All such details are preliminary and subject to change without notice as we move through our demonstration, testing and certification programme, and through to commercial manufacture of VX4. Details in this document relate to the baseline model VX4, not future variants which may be adapted for heat or other climatic extremes, altitude, or other flight environments or specific uses or configurations. This specification document may contain forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Any express or implied statements contained in this specification document that are not statements of historical fact may be deemed to be forward-looking statements, including, without limitation, statements regarding the specifications and performance of the VX4 aircraft and associated services which the company is developing, pricing and revenue projections, and the timeline for expected regulatory certification, as well as statements that include the words "expect," "intend," "plan," "believe," "project," "forecast," "estimate," "may," "should," "anticipate," "will," "aim," "potential," "continue," "is/are likely to" and similar statements of a future or forward-looking nature. Forward-looking statements are neither promises nor guarantees, but involve known and unknown risks and uncertainties that could cause actual results to differ materially from those projected. Please see the risk factors discussed under the caption "Risk Factors" in Vertical's prospectus pursuant to Rule 424(b) filed with the U.S. Securities and Exchange Commission ("SEC") on January 27, 2022, as such factors may be updated from time to time in Vertical's other filings with the SEC. Any forward-looking statements contained in this specification document speak only as of the date of publication of this document and accordingly undue reliance should not be placed on such statements. Vertical disclaims any obligation or undertaking to update or revise any forward-looking statements contained in this specification document, whether as a result of new information, future events or otherwise, other than to the extent required by applicable law. Copyright 2022 Vertical Aerospace Group Ltd. All rights reserved.

