



Archer Aviation

Japan Public Private Council for Air Mobility



- ▶ **Archer **
A Global Leader in Advanced Air Mobility (AAM)

► Company Overview

Raised ~\$3B to Date

FOUNDED IN 2018, LISTED ON NEW YORK STOCK EXCHANGE IN 2021

2026 Commercial Launch Target

PLANNING INITIAL MARKETS INCLUDING ABU DHABI, NYC, AND LOS ANGELES

Proprietary Powertrain Technology

BUILDING KEY ENABLING TECHNOLOGIES IN-HOUSE TO ELECTRIFY AVIATION

World-Class Operating Partners

INCLUDING UNITED AIRLINES, STELLANTIS, INTERGLOBE, SORACLE AND MORE

~1,100 Person Workforce

~2/3 WORKFORCE ENGINEERING & CERTIFICATION. HEADQUARTERS IN SAN JOSE, CA



TARGET SPECIFICATIONS

Archer Midnight



4 passengers + 1 pilot

PAYLOAD TARGETING
~1,000 LBS

100x Quieter

THAN HELICOPTERS*
(~45 DBA IN CRUISE)

150 mph / 240 kmh

MAXIMUM
SPEED

Redundant Systems

TARGETING SAFETY AT SIMILAR
LEVELS TO COMMERCIAL AIRLINERS

WING ENABLES UP TO 20 MILE GLIDE &
CONVENTIONAL TAKEOFF/LANDING

100 miles / 160 km

MAXIMUM
RANGE

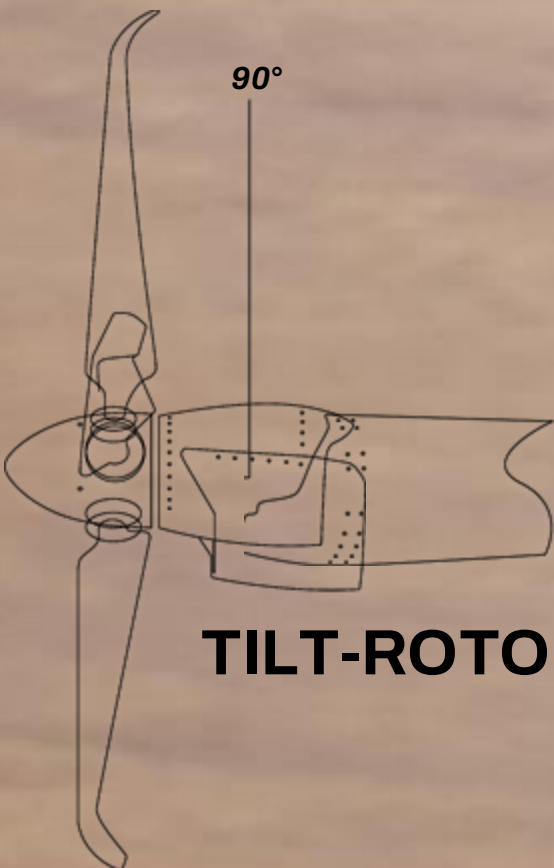
Zero Operating Emissions

SUSTAINABLE &
ALL-ELECTRIC

▸ **June 2024:** Midnight Transition Flight

BELIEVED TO BE ONE OF THE LARGEST EVTOL AIRCRAFT TO COMPLETE TRANSITION ENABLING COMMERCIALY VIABLE PASSENGER PAYLOADS

ARCHER COMPLETED 400+ TEST FLIGHTS IN 2024 ACROSS ITS AIRCRAFT FLEET



TILT-ROTOR ANGLE

103.01
SPEED MPH

ACCELERATING MIDNIGHT PILOTED FLIGHT TESTING PHASE

This phase of Archer's flight test program builds on years of safe, autonomous flight testing and is testing the conventional take-off and landing capabilities, which brings operational flexibility and, along with it, enhanced safety



107.4

SPEED [KTS]

1593

ALTITUDE [FT]



JEFF GREENWOOD

Archer Chief Test Pilot

Building Conforming Test Aircraft

TO BE USED IN FOR-CREDIT FAA TESTING AS PART OF MIDNIGHT'S TYPE CERTIFICATION PROGRAM



Archer Has De-risked Our Certification Path By Leveraging Tier 1 Aerospace Suppliers

80% OF MIDNIGHT'S SUBSYSTEMS & COMPONENTS HAVE LOW CERTIFICATION RISK*



AIRFRAME



FLIGHT CONTROL SYSTEM



CABIN



FLIGHT DECK AVIONICS



LANDING GEAR



ENVIRONMENTAL CONTROL SYSTEM



ELECTRIC PROPULSION



Certification Heritage

~80%

~20%

We have chosen to focus R&D efforts on differentiating technologies, including electric powertrain

SCALABLE MANUFACTURING

ARCHER'S HIGH-VOLUME AIRCRAFT MANUFACTURING FACILITY IN GEORGIA

PRODUCTION FOCUSED

Archer's focus now is on building piloted aircraft across its various facilities for use in testing, certification and to support its plans for early commercial deployment

CAPITAL EFFICIENT

Archer built this custom facility in just over 18 months at a cost of ~\$65M

SCALABLE FOOTPRINT

Facility is on a ~100 acre site adjacent to the Covington Municipal Airport in Georgia with separate aircraft production and flight test buildings measuring ~350,000 sq. ft. in total and capable of being expanded by an additional 550,000 square feet which will enable Archer to support production of both its commercial and military aircraft on this site



► Powertrain Facility in San Jose, California



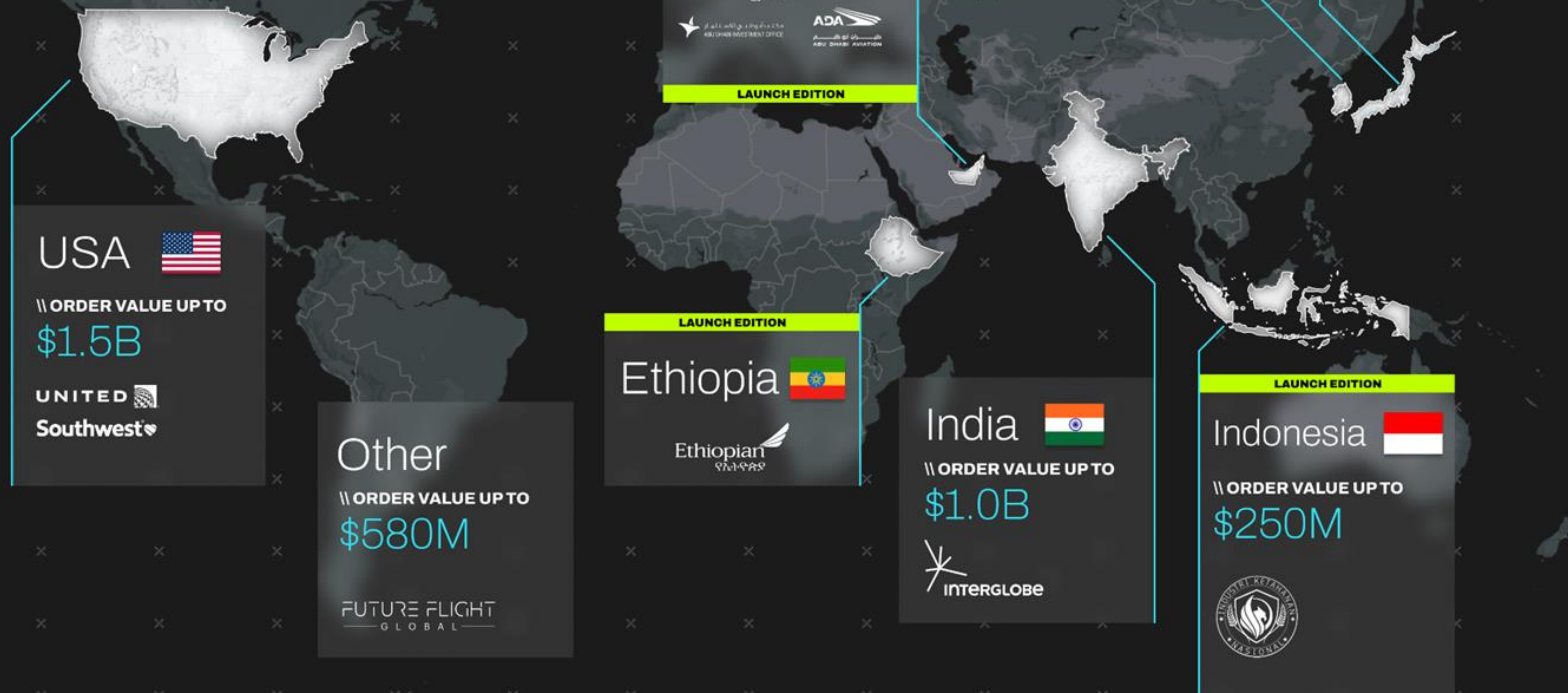
- Archer's "automotive style" battery line is designed for high-volume production, including being able to easily scale up to support production of up to 15,000 battery packs per year
- Automation utilized strategically in key areas of manufacturing processes that impact quality, operator safety, and data traceability

GLOBAL DEPLOYMENT PARTNERS

Multi-\$B Order Book

Including Pre-Delivery Payments (PDPs)

3 Launch Edition Agreements



In Addition To Air Taxi, Archer Sees Opportunity To Sell Aircraft To Customers in Other Markets for Expedited Deployment



MILITARY

SIMULATION BASED ON AN ACTUAL DOD MISSION



CARGO



TOURISM



MEDICAL

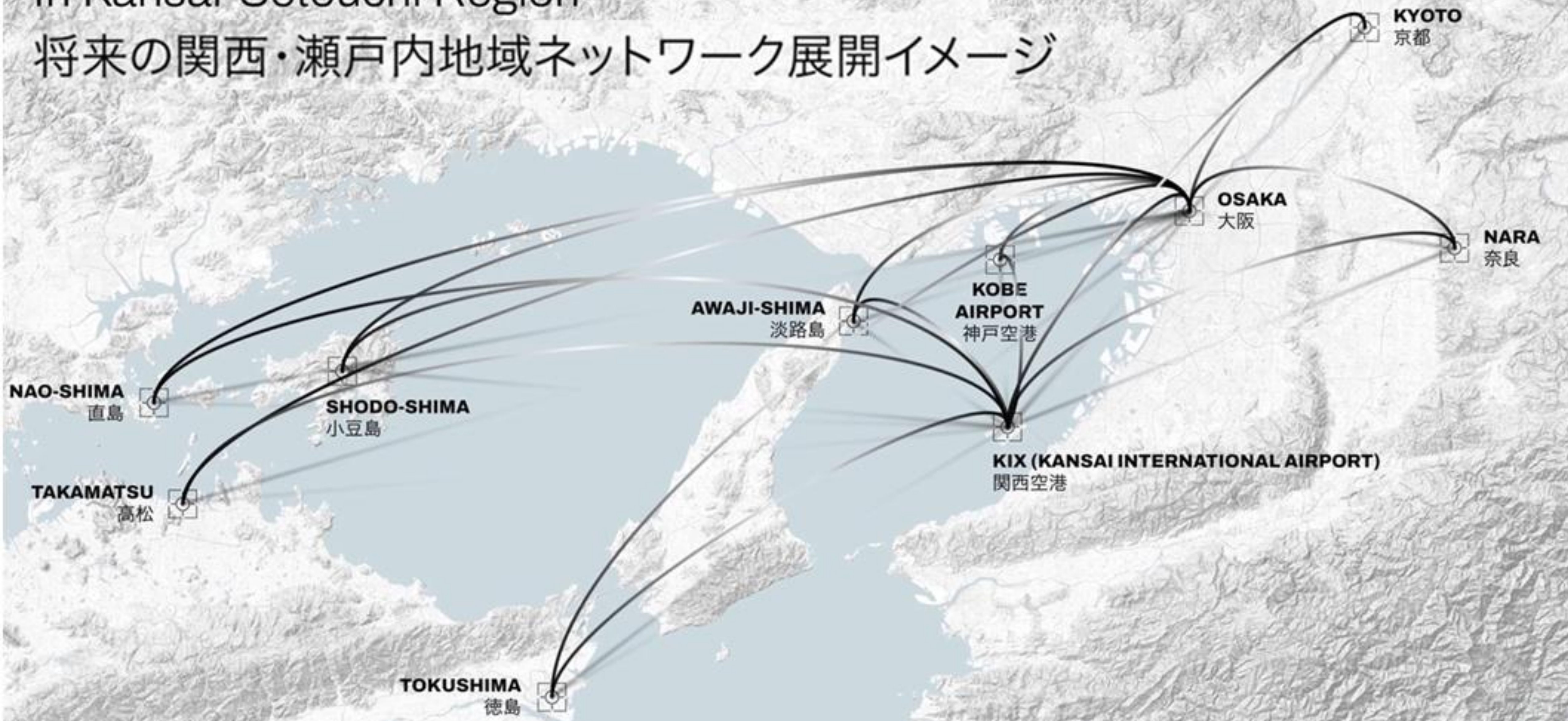
- ▶ **AAM in Japan** \\\
- Supporting Japan's Plan to be a Leader in the Next Generation of Aviation

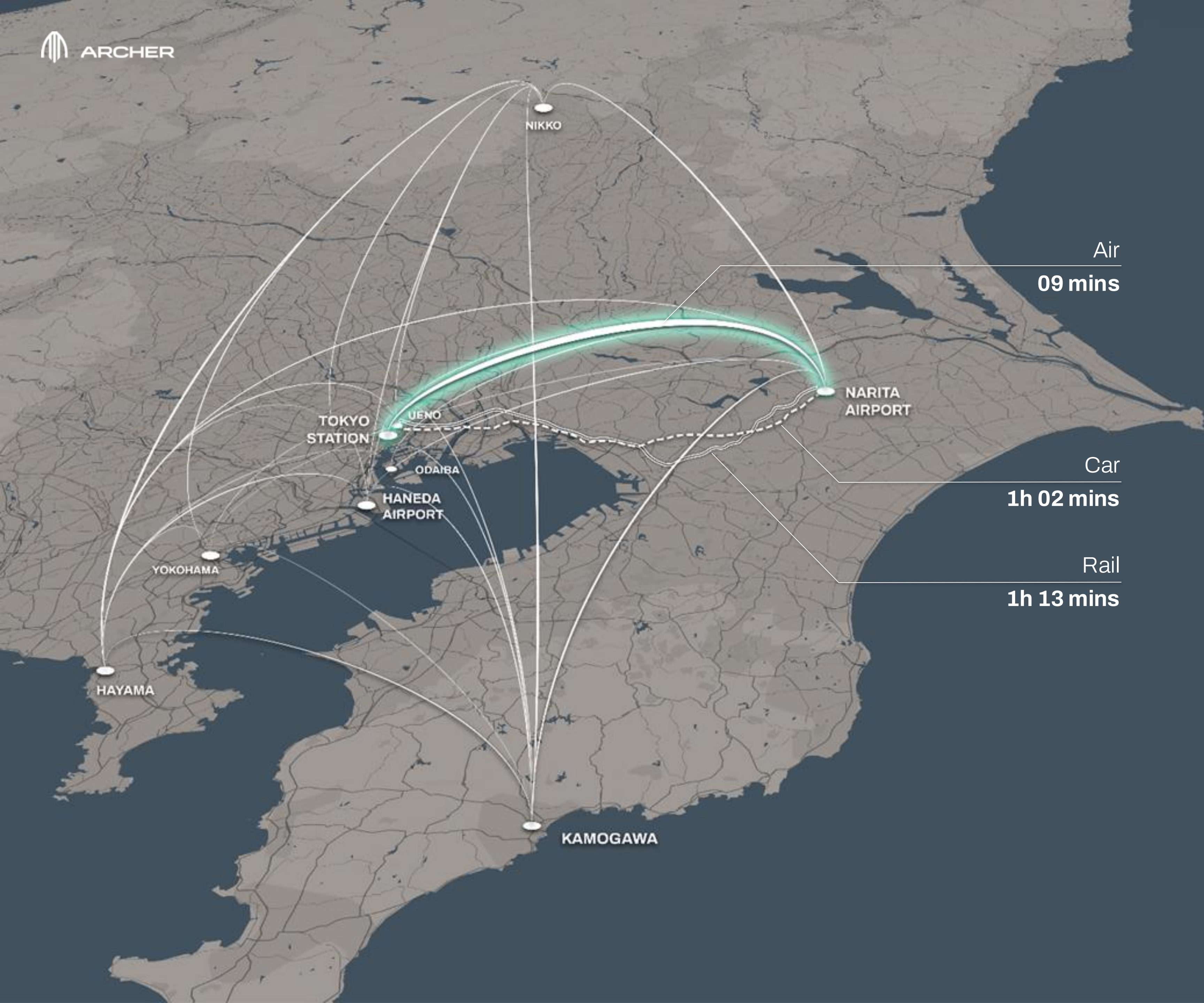


Partnership with Soracle to launch a valuable Urban Air Mobility service
in multiple regions across Japan

In Kansai-Setouchi Region

将来の関西・瀬戸内地域ネットワーク展開イメージ





Illustrative Future Network

Complementing the existing transit infrastructure system in Japan

Creating economic impact that supports jobs and GDP growth

Archer to support Soracle in launching a safe and efficient operation in a pragmatic manner



Thank You

