Alternative Aircraft Technology Solutions in Mitigating Global Climate Changes

Presented by Ms Ada Tse
Co-founder & Director of Volar Air Mobility
Urgent need for alternative aircraft technology in combatting the pressing issue of climate change.

LON ↔ NYC

~ 1 ton of CO₂ per passenger

Annual CO₂ emission of a person in a developing country!
The World’s First (to-be) commercially approved 4-seater electric aircraft

- Implemented e-STOLs
  - Suitable for small airport runway

- Safe to fly!
  - Proven fixed-wing design
  - Better gliding performance

- Established regulatory process
**VOLAR**: Serving the **NEEDS** of developing nations

A more environmentally & economically sustainable option in enabling access to rural community
USE CASES | RX4E

Air Taxi

Essential & medical services

Pilot training

Travelling with pets

Feeder services

Surveillance

Island hopping / scenic flight

Access to rural & island communities

Agricultural

Characteristic of target segments

Willing to pay premium to fly privately and on-demand

Not commercially viable for large airlines

Affordable alternative to fuel-based aircraft
Case Illustration: Mount Rinjani
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>80K hikers p.a.

Proven demand

Eco-Air Tourism

The first-of-its-kind in Indonesia, a quick alternative option to hiking
Advocates of **Public Interest Capitalism** inspired by Ambassador George Hara’s Alliance Forum Foundation

- **Empower**
  - Communities to Participate in Pioneering Green Aviation

- **Enable**
  - Green Transport Options for Sustainable Developments

- **Educate**
  - Raising awareness of the merits of decarbonization

Creating **Meaningful Societal Impact** through Green Aviation
Sustainable Aviation has the potential to be a powerful catalyst for developments in developing countries.

“If you want to go fast, go alone. If you want to go far, go together”

Thank you