

Development of turbulence/wind prediction system through deep learning (BlueWX Company Limited)



City	Year of Establishment	Founder
Tokyo	2023	Yoshiaki Miyamoto

Partner VC	Latest round of Fundraising	Valuation
UTokyo Innovation Platform Co.,Ltd.	Series A	JPY 520 million

Contact Information :
e-mail : contact@bluewx.co.jp

Website : <https://www.bluewx.co.jp/en>

- Business Plan
Developing turbulence/wind forecasting system utilizing deep learning, to achieve better economics and safety for aviation industry.
 - Research Outline
In this R&D effort, [A] global turbulence forecasting model with nowcasting capability will be developed, [B] wind forecasting model will be developed, and [C] market research will be conducted to ensure problem solution fit.
- | Business Area/Field | Research Period | Research Grant Amount | International collaborative technology demonstration |
|-----------------------------|-----------------|-----------------------|--|
| Information & Communication | STS 2025～2026FY | JPY 175 million | United States, Canada, Europe etc. |
- International collaborative technology demonstration
-Supply chain development
Design and develop sales partnership and data integration with partners like flight planning system providers and weather data providers.