

# Global Research and Development Center for Business by Quantum-AI Technology

## G-QuAT

- ▶ Mission: Building a global ecosystem in the quantum technologies.
- ▶ Key Initiatives: Use Case Development & Ecosystem Building (Supply Chain & Business)

## What is G-QuAT?

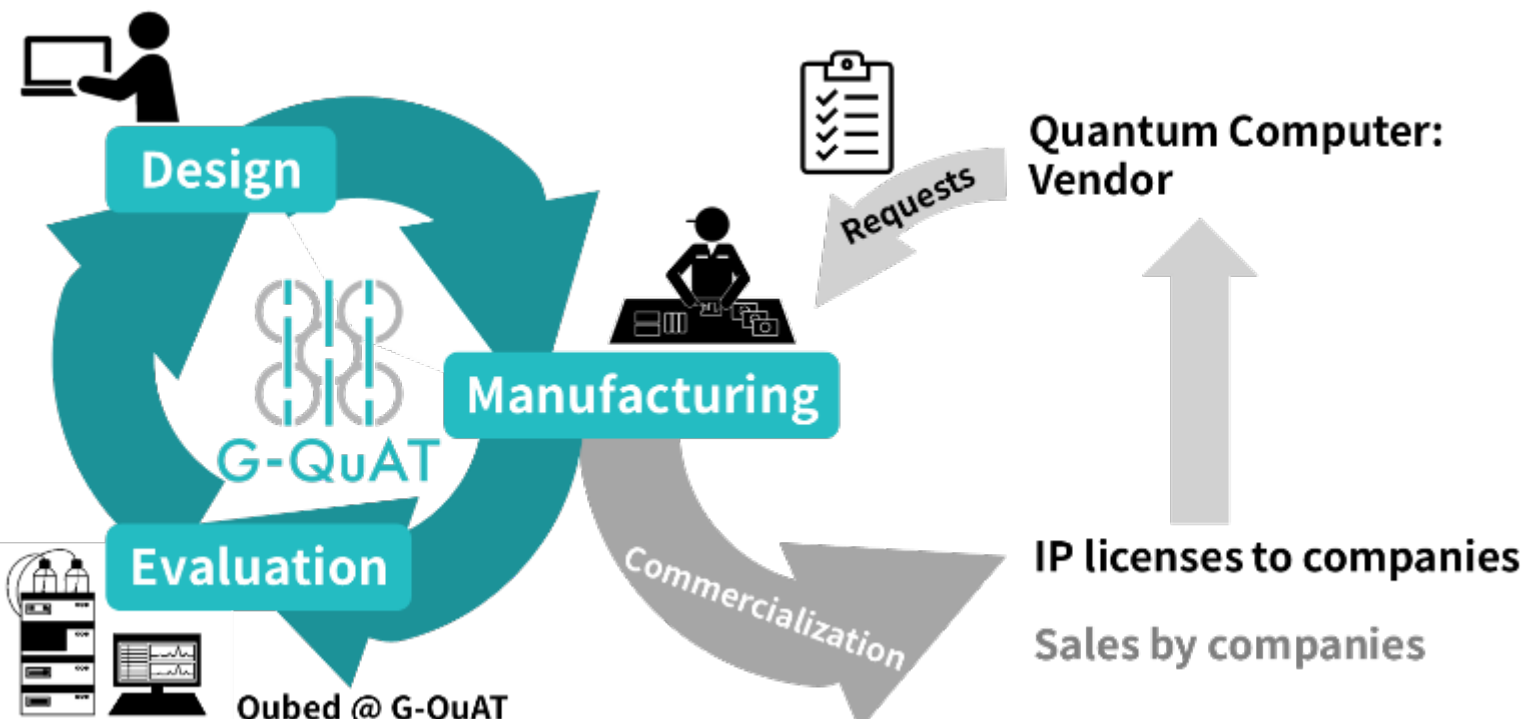
Towards building a global business ecosystem for quantum technologies, we are engaged in R&D toward large-scale quantum computing, the creation of use cases, development of supply chains, intellectual property and standardization activities, and the cultivation of quantum talent



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## Strategies & Activities of G-QuAT

To achieve the above goals, we are pursuing a **global strategy that aligns with the Japanese government's policies\***, leverages Japan's strengths, and aims to **collaborate with global stakeholders**. Furthermore, we are advancing research and development through the following **strategies and activities**. \*Quantum Future Industry Creation Strategy etc.

Platform to Support Business Creation	ABCI-Q Evaluation testbed (Qubed) Quantum device Fab. (Qufab)	Support for Incubation & Collaboration	Providing opportunities for collaboration as a hub
Supply Chain Development		IP & Standardization	Key Role in ISO/IEC JTC-3 and Standardization & IP Protection of Peripheral Technologies
Strategic Intelligence Function	Intelligence on policy, industry trends, technology, IP ...	Competitive Environment	Offering infrastructure to users and vendors to drive market competition

Through these activities and strategies, we aim to shape **global markets**, **foster global startups**, **build quantum technology supply chains**, **promote industrialization**, **cultivate global talent**, **collaborate with global quantum leaders** and **establish a framework for economic security**.