

Global Research and Development Center for Business by Quantum-AI technology (G-QuAT)

(AIST)



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Comprehensive Industrial Support in Quantum Technology

AIST As one of Japan's largest research institutions, AIST tackles social issues and strengthens industrial competitiveness through creation and social implementation of research results. Under the Industrial Competitiveness Enhancement Act, it is the only national research institute that can utilize its facilities and equipment not only for research and development but also for business creation.

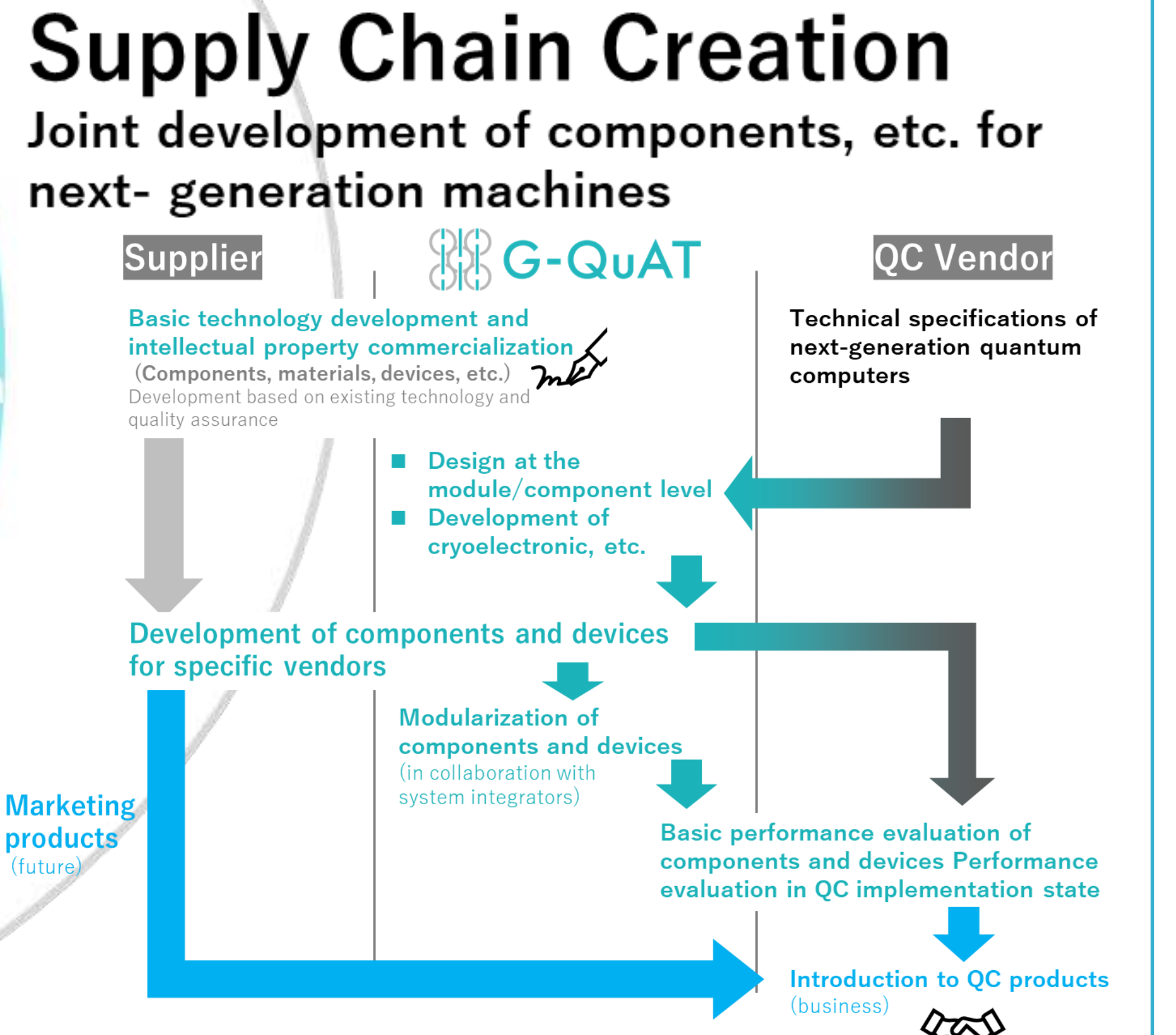
G-QuAT Established within AIST in July 2023, with the themes of "business development" and "global," it supports the industrialization of quantum technology in collaboration with domestic and international companies and research institutions. It is highly anticipated by domestic and global companies and startups.

G-QuAT Strategic Activities

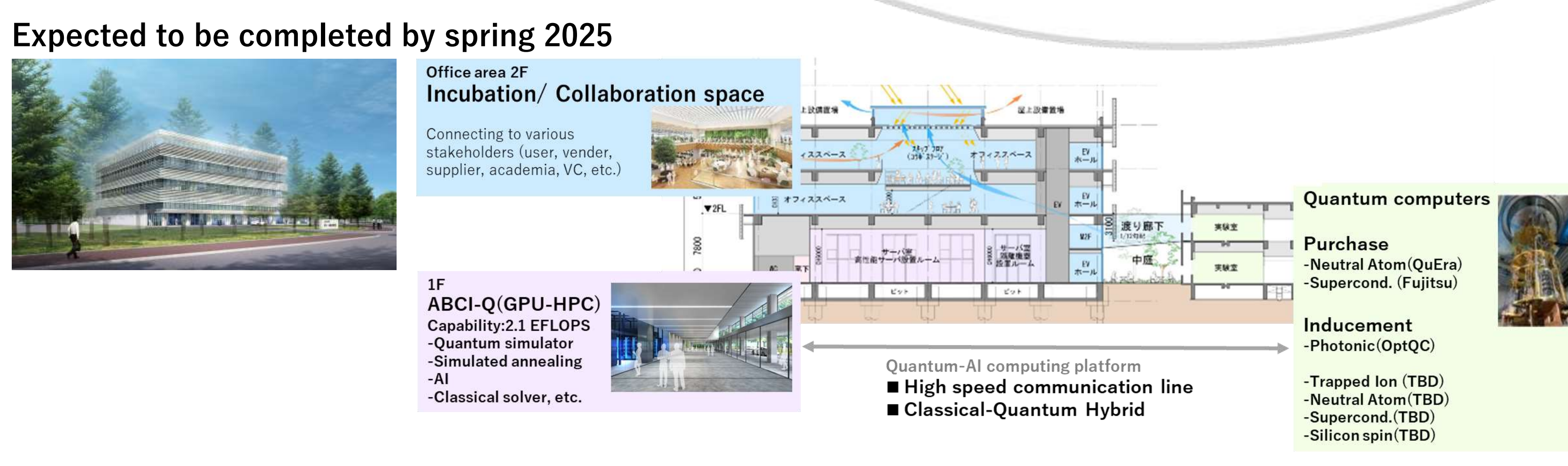
- Global Collaboration**
Collaboration with global stakeholders by leveraging Japan's strengths (a win-win relationship)
- Platform/ Testbed**
Quantum Classical Computational Resources for Use Case Creation
Accelerating and supporting next-generation QC development
- Intelligence Function**
Collection and analysis of Information e.g. Government strategies, industry trends in the world, press releases, articles, intellectual property and investment status, etc.
- Incubation/ Collaboration**
Provide a place for various stakeholders to gather and create opportunities for collaboration



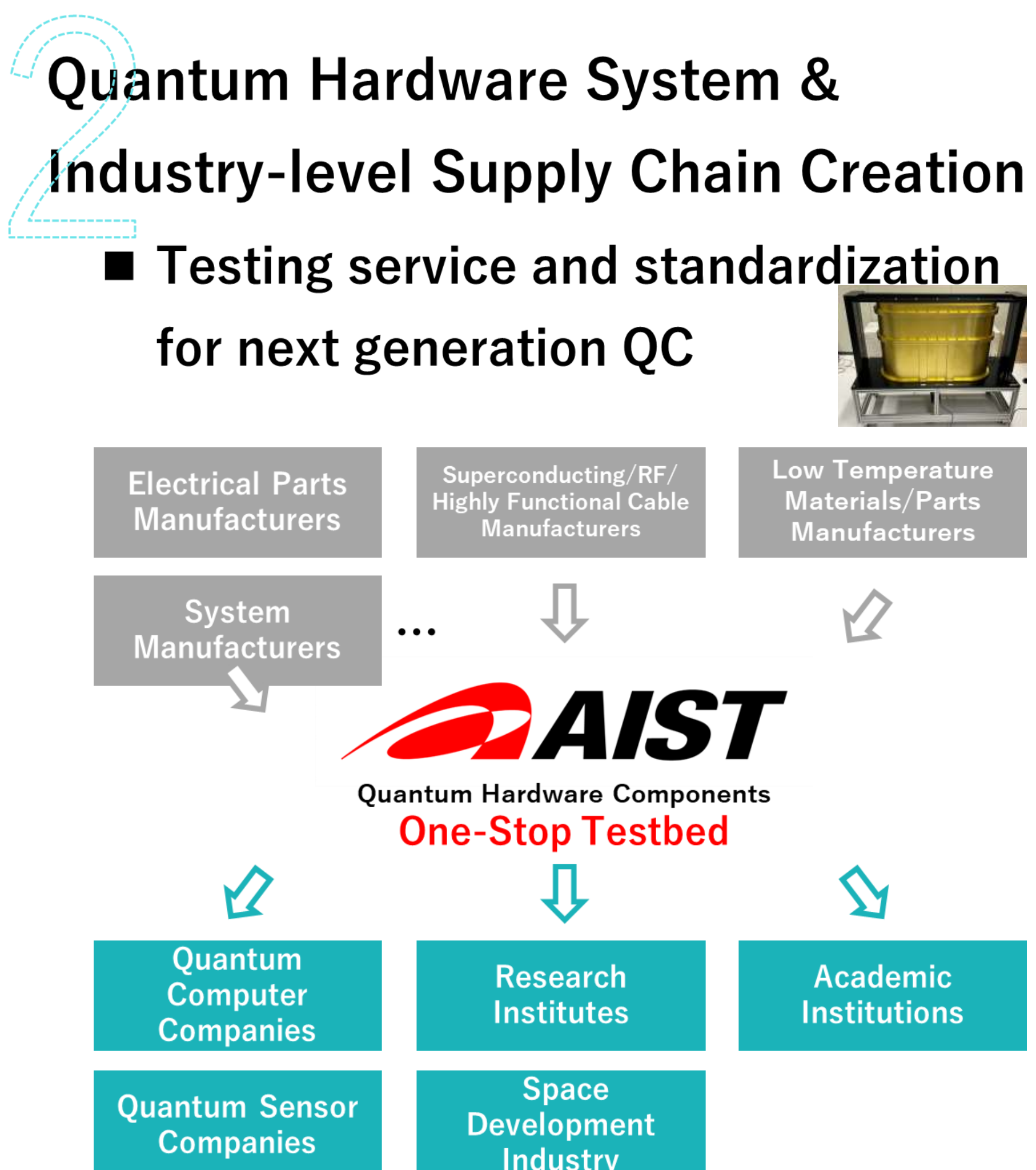
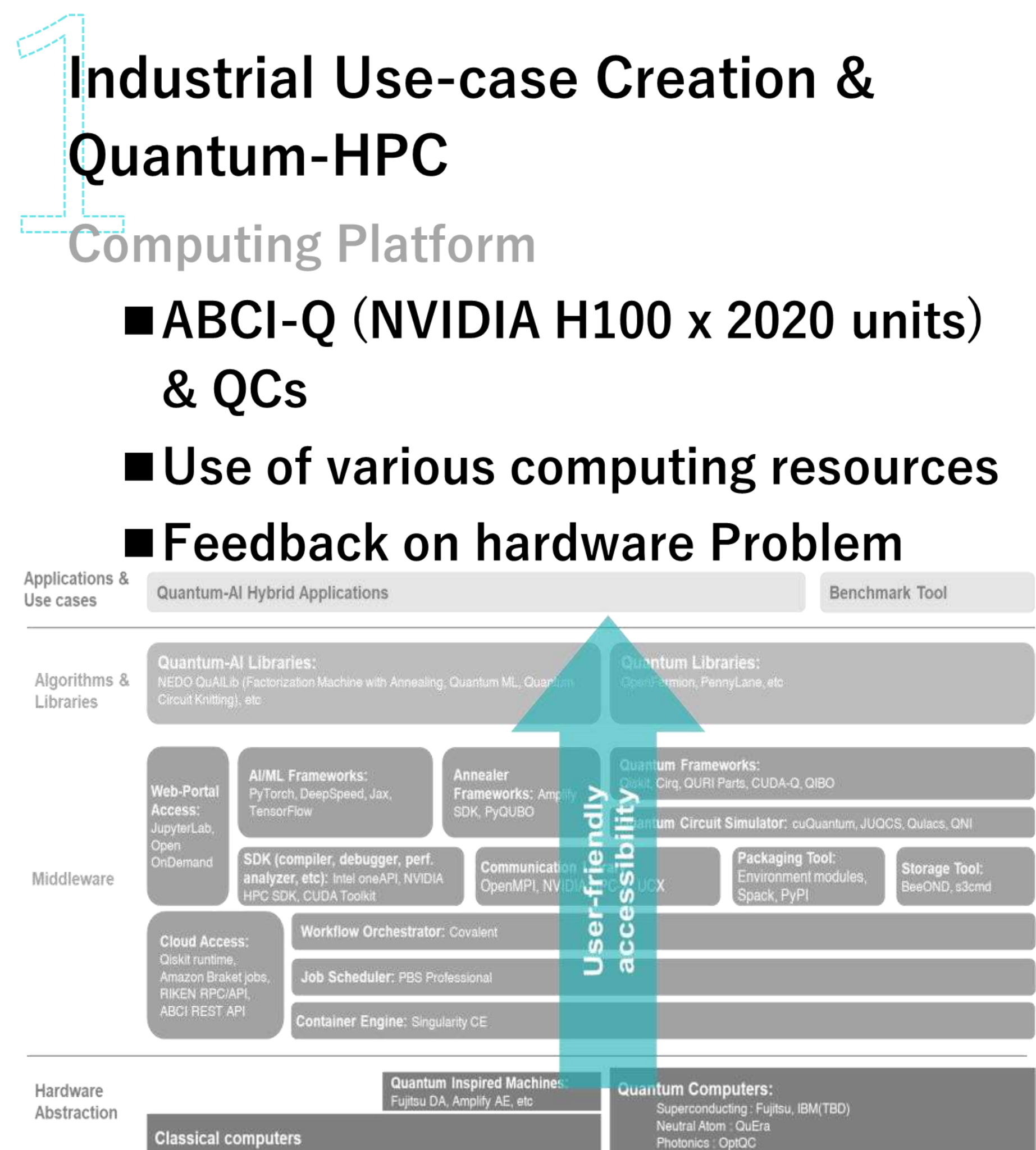
2 Linkage with Government Strategy
Role as an implementation tool for government strategies*, policies and program *e.g.; Vision of Quantum Future Society Future Society to be Realized through Quantum Technology and Strategies for Its Realization



- IP/ Standardization**
Supporting standardization and securing intellectual property for quantum related technologies
- Competitive Environment**
Provide infrastructure (e.g. facilities, space, investment environment) to stakeholders to induce market competition)



G-QuAT Platforms



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