



Investor Updates

September 2021

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Certain statements included in this Presentation that are not historical facts are forward-looking statements for purposes of the safe harbor provisions under the United States Private Securities Litigation Reform Act of 1995. Forward-looking statements generally are accompanied by words such as "believe," "may," "will," "estimate," "continue," "anticipate," "intend," "expect," "should," "would," "plan," "predict," "potential," "seem," "seek," "future," "outlook," and similar expressions that predict or indicate future events or trends or that are not statements of historical matters. These forward-looking statements include, but are not limited to, statements regarding estimates and forecasts of other financial and performance metrics and projections of market opportunity. These statements are based on various assumptions, whether or not identified in this Presentation, and on the current expectations of the respective management of IonQ and dMY and are not predictions of actual performance. These forward-looking statements are provided for illustrative purposes only and are not intended to serve as, and must not be relied on by an investor as, a guarantee, an assurance, a prediction or a definitive statement of fact or probability. Actual events and circumstances are difficult or impossible to predict and will differ from assumptions. Many actual events and circumstances are beyond the control of IonQ and dMY. These forward-looking statements are subject to a number of risks and uncertainties, including changes in domestic and foreign business, market, financial, political, and legal conditions; the inability of the parties to successfully or timely consummate the Proposed Business Combination, including the risk that any regulatory approvals are not obtained, are delayed or are subject to unanticipated conditions that could adversely affect the combined company or the expected benefits of the Proposed Business Combination or that the approval of the stockholders of dMY or IonQ is not obtained; failure to realize the anticipated benefits of the Proposed Business Combination; risks relating to the uncertainty of the projected financial information with respect to IonQ; risks related to the performance of IonQ's business and the timing of expected business or revenue milestones; the effects of competition on IonQ's business; the amount of redemption requests made by dMY's stockholders; the ability of dMY or IonQ to issue equity or equity-linked securities or obtain debt financing in connection with the Proposed Business Combination or in the future; and those factors discussed in dMY's final prospectus that forms a part of dMY's Registration Statement on Form S-4 (Reg. No. 333-254840), filed with the SEC pursuant to Rule 424(b)(3) on August 12, 2021 (the "Proxy Statement") under the heading "Risk Factors," and other documents dMY has filed, or will file, with the SEC. If any of these risks materialize or our assumptions prove incorrect, actual results could differ materially from the results implied by these forward-looking statements. There may be additional risks that neither dMY nor IonQ presently know, or that dMY nor IonQ currently believe are immaterial, that could also cause actual results to differ from those contained in the forward-looking statements. In addition, forward-looking statements reflect dMY's and IonQ's expectations, plans, or forecasts of future events and views as of the date of this Presentation. dMY and IonQ anticipate that subsequent events and developments will cause dMY's and IonQ's assessments to change. However, while dMY and IonQ may elect to update these forward-looking statements at some point in the future, dMY and IonQ specifically disclaim any obligation to do so. These forward-looking statements should not be relied upon as representing dMY's and IonQ's assessments of any date subsequent to the date of this Presentation. Accordingly, undue reliance should not be placed upon the forward-looking statements.

Cautionary Notes (continued)

Use of Projections

This Presentation contains projected financial information. Such projected financial information constitutes forward-looking information, and is for illustrative purposes only and should not be relied upon as necessarily being indicative of future results. The assumptions and estimates underling such financial forecast information are inherently uncertain and are subject to a wide variety of significant business, economic, competitive, and other risks and uncertainties. See “Forward-Looking Statements” above. Actual results may differ materially from the results contemplated by the financial forecast information contained in this Presentation, and the inclusion of such information in this Presentation should not be regarded as a representation by any person that the results reflected in such forecasts will be achieved.

Use of Data

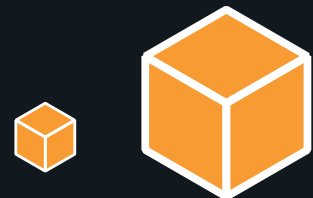
The data contained herein is derived from various internal and external sources. No representation is made as to the reasonableness of the assumptions made within or the accuracy or completeness of any projections or modeling or any other information contained herein. Any data on past performance or modeling contained herein is not an indication as to future performance. dMY and IonQ assume no obligation to update the information in this presentation.

Use of Non-GAAP Financial Metrics and Other Key Financial Metrics

This presentation includes certain non-GAAP financial measures (including on a forward-looking basis) such as EBITDA and EBITDA Margin. IonQ defines EBITDA as net income (loss), adjusted for for interest expense, depreciation and amortization, stock-based compensation and income taxes. EBITDA Margin is EBITDA divided by total revenue. These non-GAAP measures are an addition, and not a substitute for or superior to measures of financial performance prepared in accordance with GAAP and should not be considered as an alternative to net income, operating income or any other performance measures derived in accordance with GAAP. Reconciliations of non-GAAP measures to their most directly comparable GAAP counterparts are included in the Appendix to this presentation.

IonQ believes that these non-GAAP measures of financial results (including on a forward-looking basis) provide useful supplemental information to investors about IonQ. IonQ’s management uses forward looking non-GAAP measures to evaluate IonQ’s projected financial and operating performance. However, there are a number of limitations related to the use of these non-GAAP measures and their nearest GAAP equivalents. For example other companies may calculate non-GAAP measures differently, or may use other measures to calculate their financial performance, and therefore IonQ’s non-GAAP measures may not be directly comparable to similarly titled measures of other companies.

Quantum Computing Is Now, and IonQ Is Leading the Way



Best Measured
Performance in
Industry¹



Projecting 3x Increase
in 2021 Contract
Bookings³

\$65B

TAM By 2030 ²

Large & Growing
Market Opportunity



Triple Expected
Systems Online

amazon

NEA G/

Breakthrough
Energy VENTURES

World-Class Investor
Base (VC & PIPE)

Microsoft
Azure

aws Google Cloud

Only Quantum
Hardware Available
on All Major Clouds

accenture

UNIVERSITY OF
MARYLAND

SoftBank
Investment Advisers

tcs TATA
CONSULTANCY
SERVICES

Premier Partners &
Customers

Qiskit Amazon
Braket
Cirq
ProjectQ
Q# QDK
PENNYLANE
XACC

Every Major Quantum
Language & SDK
Supported

¹ Based on publicly-available data as of September 10, 2021

² Prescient & Strategic Intelligence Private Limited, February 2020

³ Sales channels still being defined; exact nature and accounting recognition of IonQ revenue to be determined. Bookings may include prepayments, cloud-based revenue, and signed contracts for future performance.

Transaction Highlights

Seasoned Transaction Partner



Well-Structured, High-Value PIPE

\$350M PIPE

**PIPE greatly exceeds cash required
to reach profitability**

PIPE lock-up >6 months post listing

Premier Investment Base (VC+PIPE)



IonQ Momentum: Deal Announcement to Today



200%
Projected Uplift For
2021 Total Contract
Bookings¹

Note IonQ timeline does not represent historic price performance. Transaction yet to close.
1 Sales channels still being defined; exact nature and accounting recognition of IonQ revenue to be determined. Bookings may include prepayments, cloud-based revenue, and signed contracts for future performance..

01 Platform Updates

Only Quantum Hardware Available on All Major Clouds

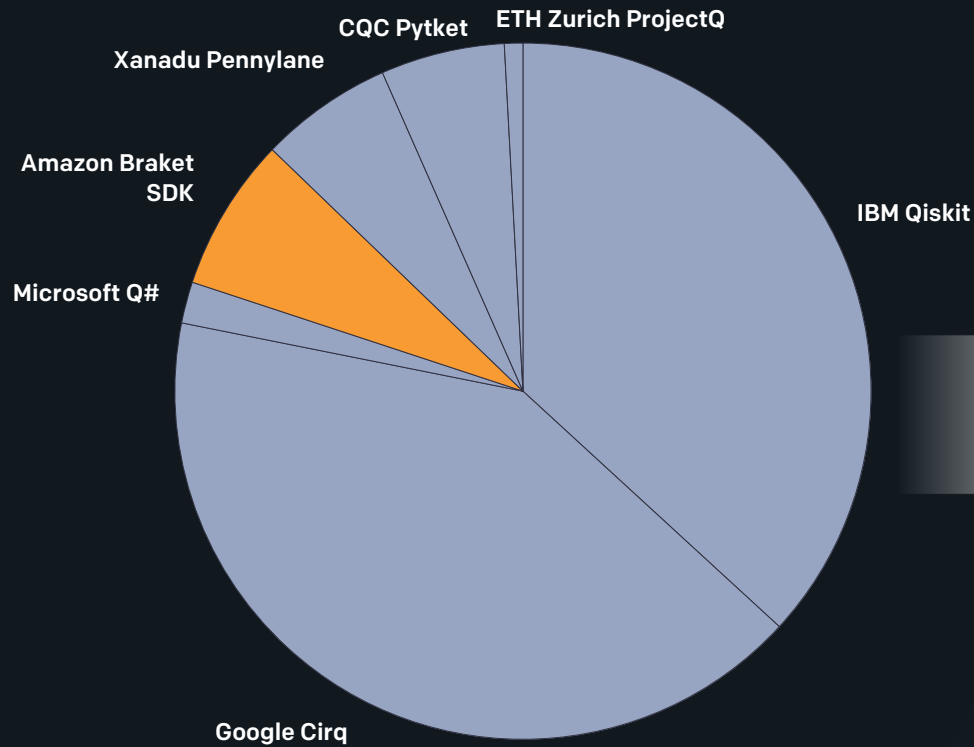


And still the only quantum hardware available on more than one...

The Only Hardware Available on All Major Quantum SDKs

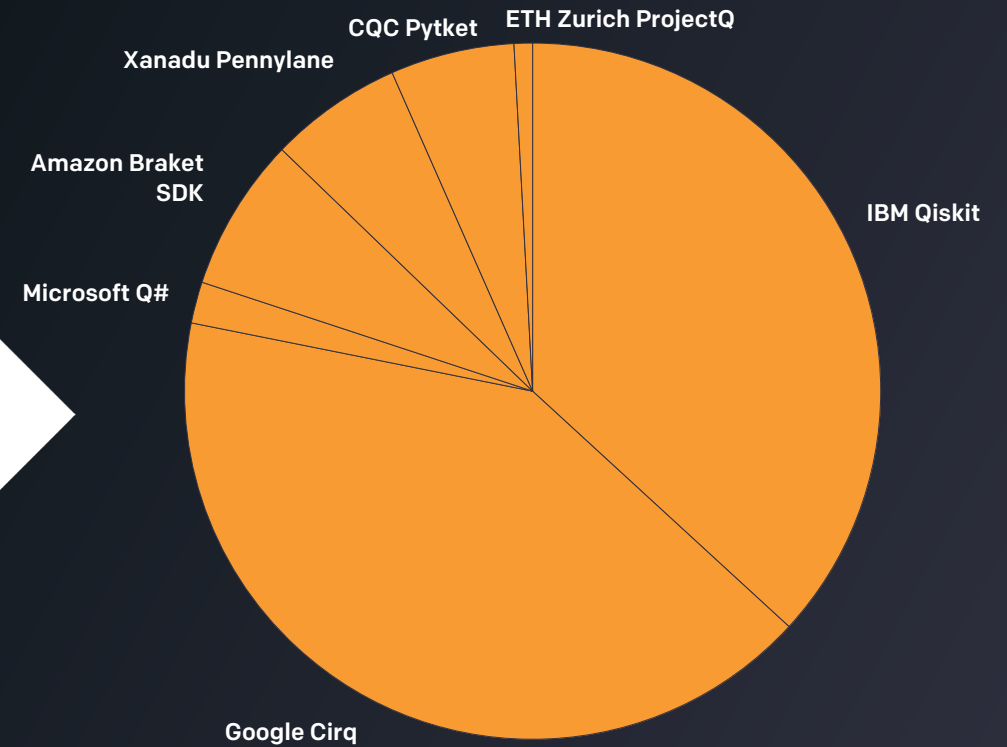
Support At Deal Announcement

Downloads by Platform



Support Today

Downloads by Platform



■ Does Not Support IonQ Hardware ■ Supports IonQ Hardware

Note: Downloads are for month of August, via PyPistats.org. Does not include Rigetti Pyquil or Dwave System which are SDKs specific to their providers' hardware.

Bringing Quantum to Top Academic Institutions

Research Credits Program builds relationships with academia and generates revenue from all three cloud partners

- Researchers from Cambridge, UChicago, Harvard, MIT, Princeton, Oxford, and top institutions in Korea, the EU, Brazil, India and more
- Research includes error correction, quantum machine learning; applications for chemistry, finance, pharmaceuticals, natural language processing and more
- Program is fully funded by cloud partners, generating revenue for IonQ



Sponsored Projects In Progress

59

Funded by



02 Partnership Updates

IonQ and Accenture

Quantum Applications for the Modern Enterprise

IonQ and Accenture are bringing quantum computing to global enterprises in a multi-year partnership that will leverage Accenture's go-to-market teams to broaden IonQ's customer reach

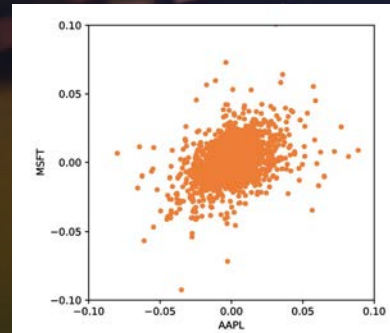


IonQ and Fidelity

Optimizing Asset Allocation, Electronic Trading and Pricing

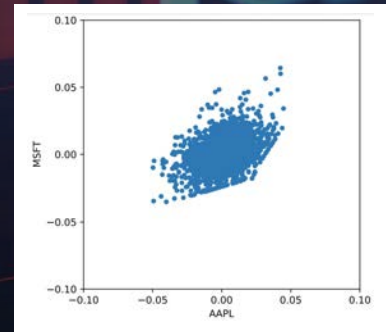
IonQ quantum computers are being used to explore multivariate machine learning techniques that could provide faster-to-train, more accurate models for portfolio management, electronic trading, asset pricing and more

Target Distribution



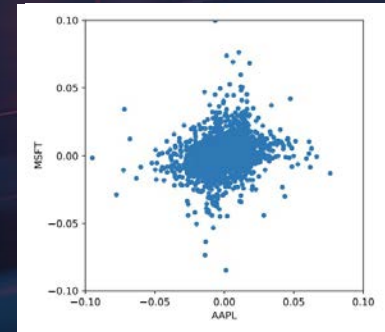
From training data

Classical GAN



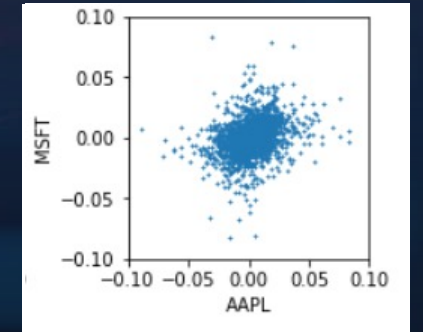
After 20,000 Iterations

Quantum GAN



After 1,000 Iterations

Quantum CBM



After 26 Iterations



FIDELITY CENTER for
APPLIED TECHNOLOGY

For additional details: <https://arxiv.org/abs/2109.06315>

IonQ and Bulge Bracket Investment Bank Producing Superior Monte Carlo Simulations

IonQ's latest-generation system provided the first demonstration of quantum Monte Carlo simulation, paving the way for quantum enabled risk analysis and price simulation

IonQ and Softbank

International Go-To-Market Partnership

IonQ is helping Softbank bring quantum advantage to its broad portfolio

IonQ and University of Maryland

Q-Lab: The First Commercial-Grade Quantum User Facility

UMD has signed a multi-year, multi-million dollar contract to gain access to IonQ's commercial-grade quantum compute services as part of the Q-Lab

The state-of-the-art facility will provide UMD students and researchers with unprecedented access to IonQ hardware and expertise



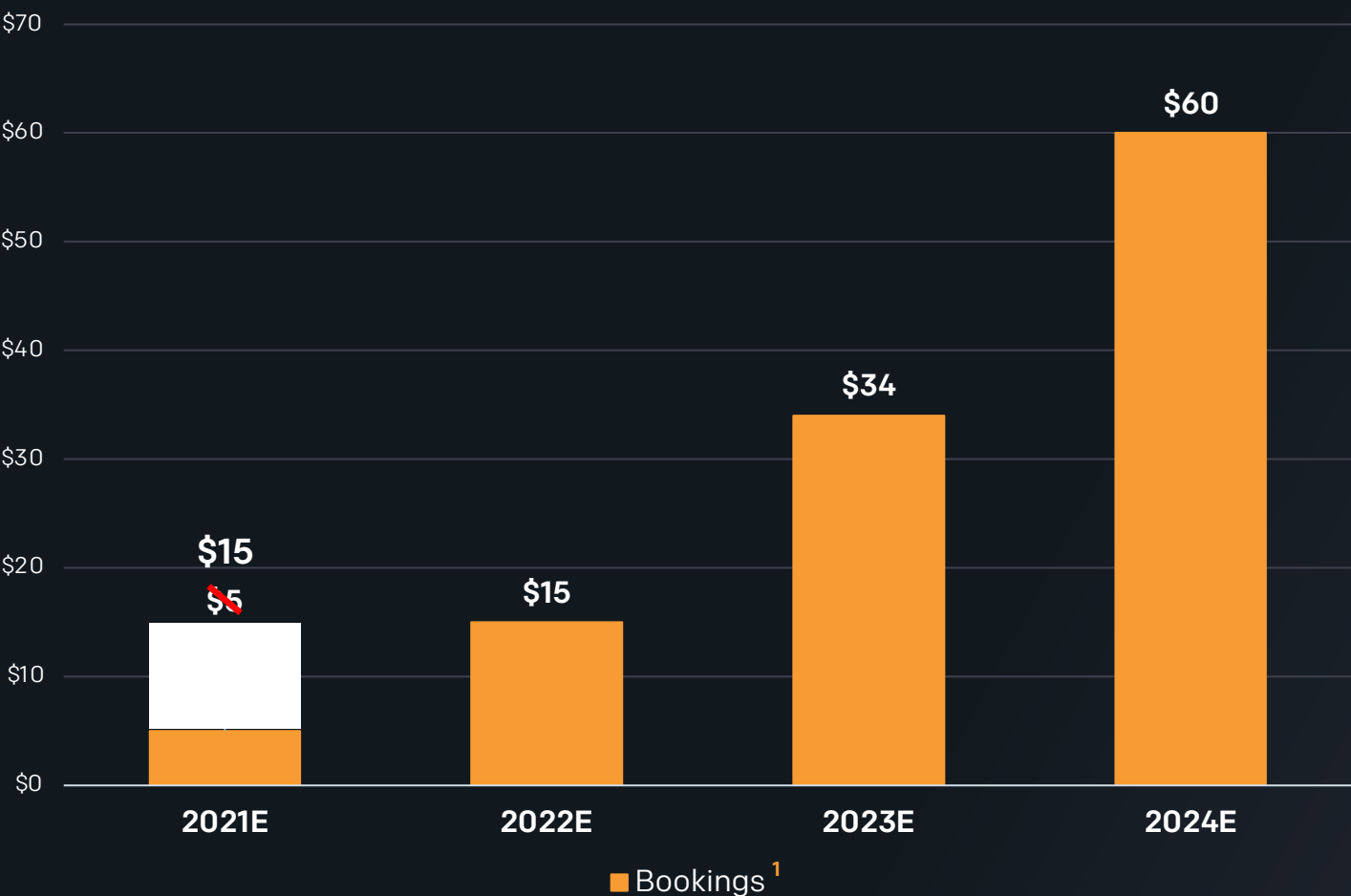
IonQ and South Korea's Q Center Research and Educational Alliance

IonQ is enabling researchers, scientists, and students at Sungkyunkwan University and across South Korea to learn, develop, and deploy quantum applications on the world's leading quantum systems



IonQ Projects 3x Increase in 2021 Contract Bookings

Summary Forecasted Financial Data (\$M)



Key Drivers & Commentary

IonQ is now projecting triple the amount of total contract bookings for 2021 from the previously announced target of \$5 million.

IonQ believes this anticipated commercial success demonstrates the real and rapidly accelerating need for quantum computing and cements IonQ's leadership position in quantum computing.

IonQ anticipates these bookings to generate recognized revenue over the next 36 months.

¹ Sales channels still being defined; exact nature and accounting recognition of IonQ revenue to be determined. Bookings may include prepayments, cloud-based revenue, and signed contracts for future performance..

Note Prepared on the basis of certain technical, market, competitive and other assumptions to be subsequently described in further detail, and which may not be satisfied. As a result, these projections are subject to a high degree of uncertainty and may not be achieved within the time-frames described or at all.



03 Technology Updates

IonQ Executes on Research-Validated Scaling Strategy



High-Performance Ion Trap & QPU Technology

- ✓ **New Trap Technology (EGT)**
- ✓ Increased Qubit Count
- ✓ Multiple Compute Zones
- ✓ Multilayer Trap Technology
- ✓ Photonic Integrated Circuits
- ✓ Faster Quantum Gates



Reconfigurable Multicore Architecture

- ✓ **Reconfigurable Multicore Quantum Architecture (RMQA)**
- ✓ Reconfigurable qubit addressing technology
- ✓ Sympathetic Cooling
- ✓ Partial Measurements
- ✓ Additional Cores
- ✓ Parallel Computation



Integration & Reduction of Footprint

- ✓ Mini-UHV Technology
- ✓ Rack-mount Lasers
- ✓ Rack-mount QPUs
- ✓ Integrated Optics
- ✓ Integrated Electronics



Photonic Interconnect Technology

- ✓ High-speed, high-fidelity photonic interface
- ✓ Multi-QPU Entanglement
- ✓ Optical Cross-connect
- ✓ Fully-connected Modular Architecture
- ✓ Quantum Error Correction

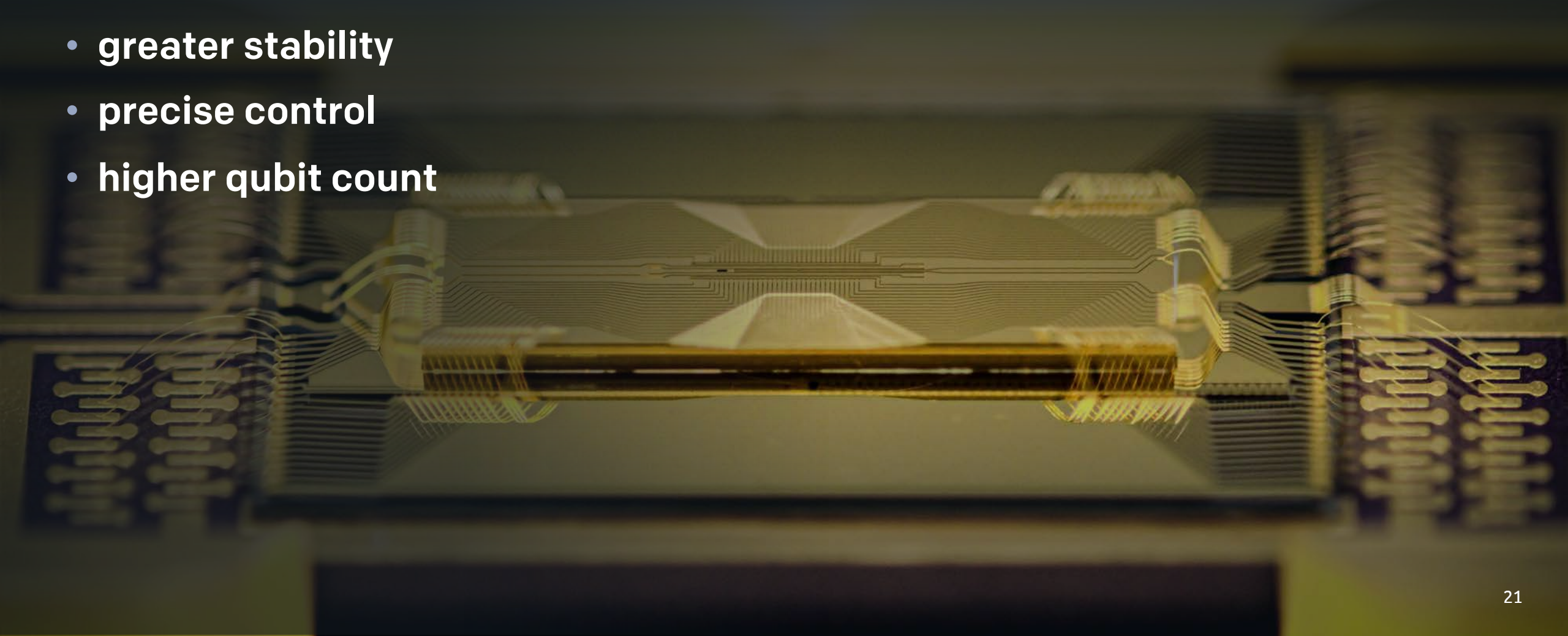
✓ **Integrated into IonQ Hardware**

✓ Demonstrated in Academic Research

EGT Series Traps Pave the Way for Future Scale

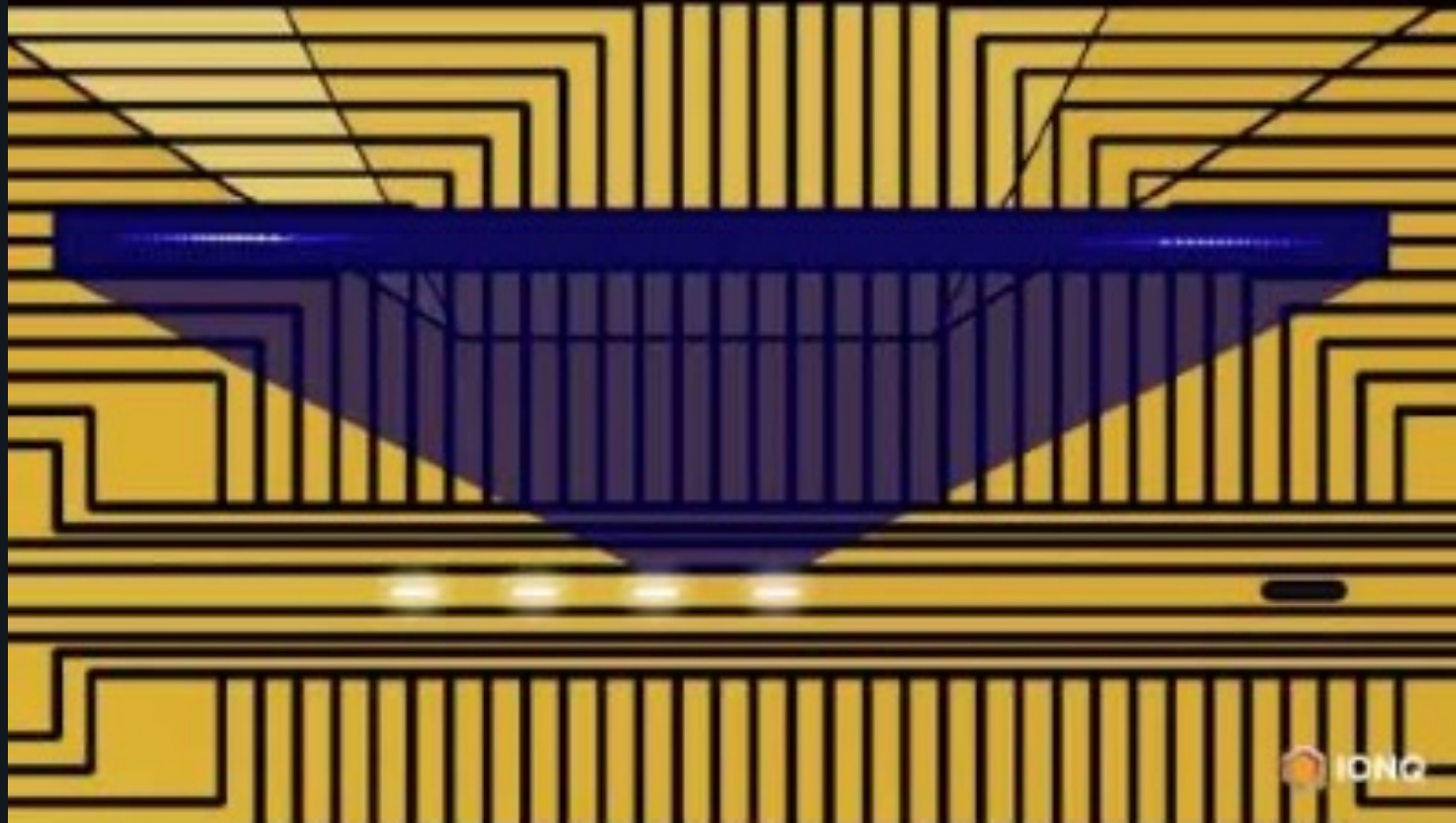
Patent-pending Evaporated Glass Trap technology enables breakthrough achievements:

- **greater stability**
- **precise control**
- **higher qubit count**

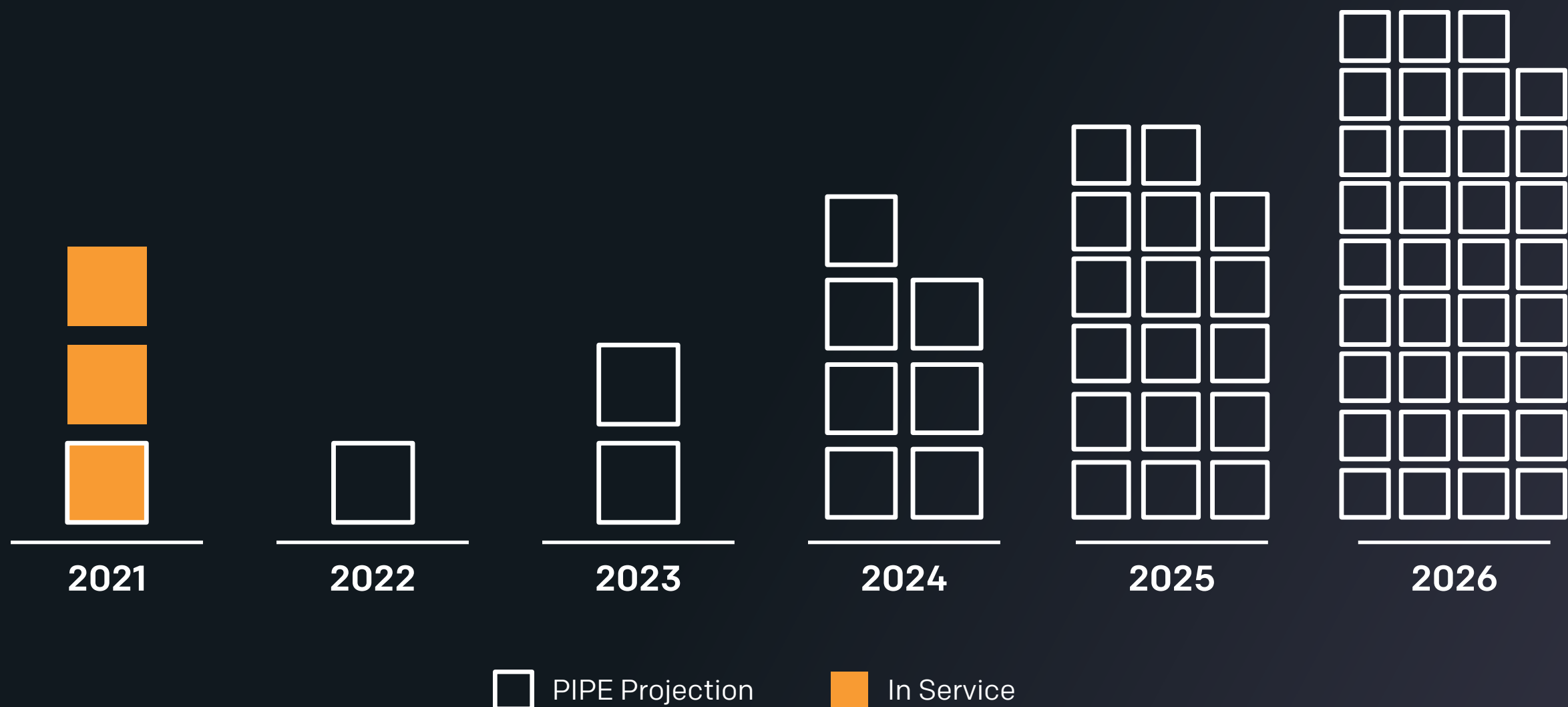


Reprogrammable Multicore Quantum Architecture

Industry first creates potential for large numbers of qubits and dramatically more powerful quantum computers



Ahead of Projections in System Manufacturing



Note: Online systems include systems built in previous years and carried forward. Expected system lifetime is dependent on demand and technological advancement.

04 Industry Updates

Quantum Computing Is the Next Space Race



Joe Biden

President of The United States of America

“ We’re going to invest in ... the industries of the future—artificial intelligence, quantum computing, biotech. And we’re going to make real investments.



Angela Merkel

Chancellor of Germany

“ As far as research into quantum technologies is concerned, Germany is among the best of the world, and we intend to remain amongst the best of the world.



Emmanuel Macron

President of France

“ Quantum strategy is of paramount importance ... Quantum technologies are among the few keys to the future that France absolutely must have in hand.



Amanda Solloway

Science Minister, UK

“ Artificial intelligence and quantum computing have the potential to revolutionize everything from the way we travel to the way we shop.

National Investment in Quantum Continues to Grow



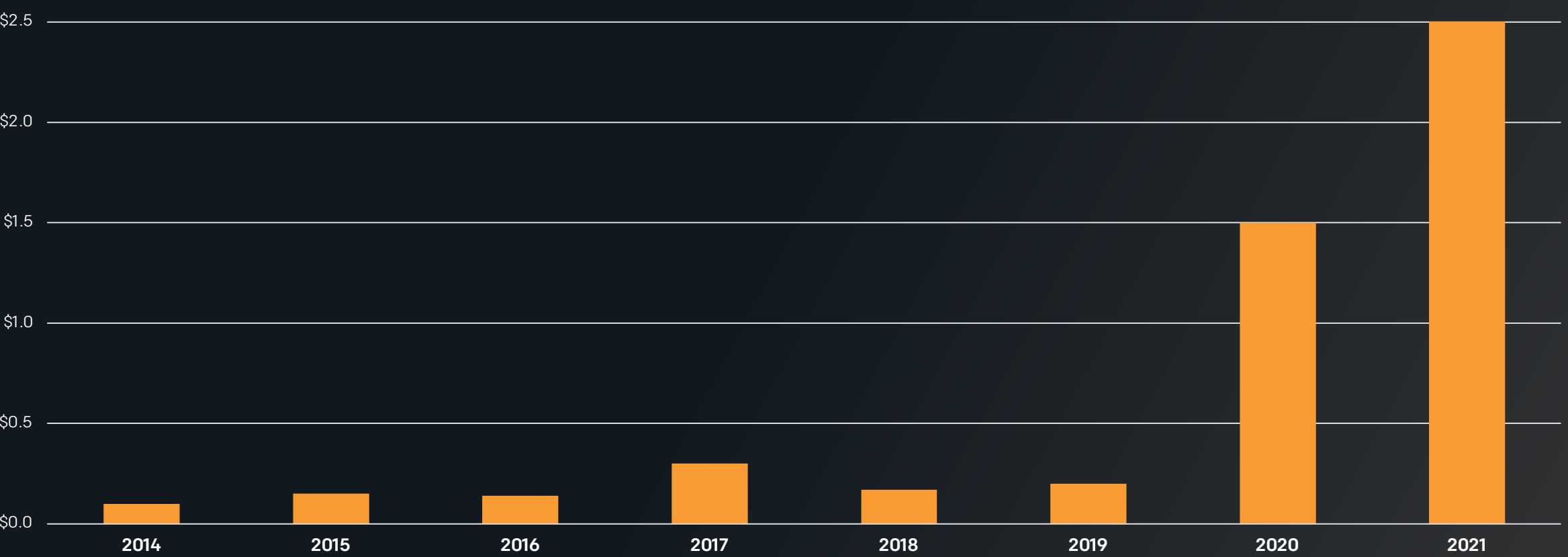
Global National Investment
2016–2021 (est.)

\$24.2B

-  Quantum Canada: **CA\$1.36b = \$1.1b**
-  United Kingdom: **£\$1b = \$1.3b**
-  Netherlands: **756m € = \$904m**
-  Germany: **2.5b € = \$3.1b**
-  China: **\$10b**
-  Russia: **₽50b = \$663m**
-  South Korea: **₩44.5b = \$37m**
-  Japan: **¥50b = \$470m**
-  Singapore: **S\$150m = \$109m**
-  Taiwan: **NT\$8b = \$282m**
-  Australia: **AU\$130m = \$98.5m**
-  New Zealand: **\$36.75m**
-  India: **₹73b = \$1bn**
-  France: **1.8b € = \$2.2b**
-  Austria: **107m € = 127m**
-  Israel: **1.2bn ₪ = \$380m**
-  European Quantum Flagship: **1b € = \$1.1b**
-  US National Quantum Initiative: **\$1.2b**

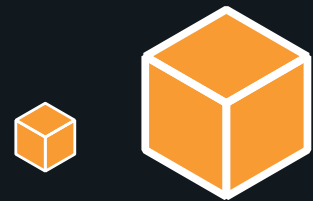
Private Investment in Quantum Continues to Grow

Capital Invested in Quantum Computing Companies (\$B)



Source: Pitchbook via The Information
Note: Totals are through July 2021

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Best Measured
Performance in
Industry¹



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in 2021 Contract
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\$65B

TAM By 2030 ²

Large & Growing
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Triple Expected
Systems Online

amazon

NEA G/

Breakthrough
Energy VENTURES

World-Class Investor
Base (VC & PIPE)

Microsoft
Azure

aws Google Cloud

Only Quantum
Hardware Available
on All Major Clouds

accenture

UNIVERSITY OF
MARYLAND

SoftBank
Investment Advisers

tcs TATA
CONSULTANCY
SERVICES

Premier Partners &
Customers

Qiskit Amazon
Braket
Cirq
ProjectQ
Q# QDK
PENNYLANE XACC

Every Major Quantum
Language & SDK
Supported

¹ Based on publicly-available data as of September 10, 2021

² Prescient & Strategic Intelligence Private Limited, February 2020

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