

# Riverlane Press Kit

January 2025



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# About Riverlane

Riverlane (Registered name: Riverlane Ltd), headquartered in Cambridge, UK, is led by CEO and Founder Dr Steve Brierley. Riverlane also has an office in Cambridge, US.

UK office address (HQ)	US office address
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Cambridge	MA 02142
CB2 3BZ	
UK	USA

Mail: [team@riverlane.com](mailto:team@riverlane.com)  
 Website: [www.riverlane.com](http://www.riverlane.com)

## Boilerplate

**Riverlane's mission is to make quantum computing useful sooner, starting an era of human progress as significant as the industrial and digital revolutions.**

To achieve this, Riverlane is building Deltaflow - the Quantum Error Correction Stack to comprehensively correct the millions of data errors that prevent today's quantum computers from achieving useful scale. Riverlane's customers are governments, quantum computer hardware companies and world-leading research labs. Investors include Planet First Partners, ETF Partners, EDBI, Molten Ventures, Amadeus Capital Partners and Cambridge Innovation Capital; the UK's national security investment fund (NSSIF); high-performance computing leader Altair; and the University of Cambridge.

### What is the Riverlane product offering?

Riverlane is building Deltaflow – the Quantum Error Correction Stack.

Riverlane uses patented methods to apply error correction in real time. This technology is helping the world's leading qubit makers enable complex quantum calculations for real world use cases.

At the heart of the QEC Stack sits the world's most powerful decoder technology. Customisable to each qubit type, our decoder can be tightly integrated with any qubit control system to implement a complete high-speed quantum error correction cycle.

<b>Founded:</b>	2016
<b>Locations:</b>	<ul style="list-style-type: none"> <li>Headquartered in Cambridge, UK</li> <li>Boston, Cambridge (MA)</li> </ul>
<b>Headcount:</b>	98
<b>Capital raised:</b>	£95m (\$120m)
<b>Investors:</b>	<p><b>Series A:</b> Molten Ventures, Amadeus, Capital Partners, Cambridge Innovation Capital, University of Cambridge Enterprise.</p> <p><b>Series B:</b> Molten Ventures, Altair, Cambridge Innovation Capital (CIC), Amadeus Capital Partners, and National Security Strategic Investment Fund (NSSIF).</p> <p><b>Series C:</b> Planet First Partners, ETF Partners, EDBI, CIC, Amadeus Capital Partners, NSSIF and Altair.</p>
<b>Patents:</b>	We have a portfolio of <b>55</b> active patent applications and granted patents, <b>28</b> of them specific to QEC and including resource efficient decoding methods and parallelizable decoding.

## About Steve Brierley (Founder & CEO)

Steve Brierley founded Riverlane in 2016 to build the error correction stack for quantum computers. Driven by his conviction that fault-tolerant quantum computers will accelerate human progress, Riverlane partners with leading quantum hardware companies to make that happen sooner.

Steve has worked in quantum for over 20 years and is an expert advisor to the UK government. He holds a PhD in quantum information, spent a decade in the intelligence community and worked as a Senior Research Fellow at the University of Cambridge leading major research projects in quantum computing. In January 2024, Steve was awarded an OBE for his services to quantum computing.



Full bio can be found here: <https://www.riverlane.com/team/steve-brierley>

All Riverlane leadership team bios can be found here:  
<https://www.riverlane.com/who-we-are> under 'Our Management team'



## Brand Assets

[Downloadable zip folder](#) contains assets including:

- Riverlane Logos and usage guidelines
- Riverlane Imagery
  - Leadership Photos
  - Team Photos
  - Riverlane UK HQ Photos
  - Product Images
  - Riverlane Partnership Images
- Riverlane Mission Video
- Riverlane QEC Stack Video
- Riverlane Capability Statement

## Latest News

### **Riverlane strengthens executive team with Liz Durst, Former Director of IBM's Qiskit (30 Jan)**

Riverlane, a global leader in [quantum error correction](#) (QEC), has announced the appointment of Liz Durst as Vice President of QEC Community. Liz is a highly regarded leader in the quantum computing industry with extensive experience developing open-source tools and fostering global technology communities. Her expertise will be instrumental in advancing QEC and accelerating Riverlane's mission to make quantum computing useful, sooner.

<https://www.riverlane.com/press-release/riverlane-strengthens-executive-team-with-liz-durst-former-director-of-ibm-s-qiskit>

### **Riverlane ushers in the year of quantum with Nature Electronics publication (8 Jan)**

Riverlane's flagship QEC breakthrough earns recognition as a significant advance towards fault-tolerant quantum computing.

<https://www.riverlane.com/press-release/riverlane-ushers-in-the-year-of-quantum-with-nature-electronics-publication>

### **Pasqal and Riverlane join forces to achieve fault-tolerant quantum computing (10 Dec)**

Pasqal, a global leader in neutral atom quantum computing, has today announced an ambitious partnership with Riverlane, a frontrunner in [quantum error correction](#) (QEC) technology, to accelerate the race towards fault-tolerant quantum computing – a critical

milestone, where errors are corrected in real time, for unleashing the full potential of quantum computing.



<https://www.riverlane.com/press-release/pasqal-and-riverlane-join-forces-to-achieve-fault-tolerant-quantum-computing>

### **Riverlane releases new report to accelerate the industry through the 'QEC Era' (22 Oct)**

[Riverlane](#), the global leader in quantum error correction technology, in partnership with [Resonance](#), today released the first-of-its-kind [Quantum Error Correction Report 2024](#). Highlighting critical insights and trends that will aid the quantum industry's navigation through its newest phase, the 'QEC era,' the report marks the pivotal steps needed to advance quantum computing from the experimental stages to real-world applications.

<https://www.riverlane.com/press-release/riverlane-releases-new-report-to-accelerate-industry-through-the-qec-era>

### **Riverlane raises \$75 million to meet surging global demand for quantum error correction technology (6 Aug)**

[Riverlane](#), the global leader in quantum error correction technology, today announced that it has raised \$75 million in Series C funding to deliver its groundbreaking [quantum error correction \(QEC\) roadmap](#). The funding will enable Riverlane to expand operations to meet surging global market demand for QEC technology, with the goal of achieving one million error-free quantum computer operations by 2026.

<https://www.riverlane.com/press-release/riverlane-raises-75-million-to-meet-surg-ing-global-demand-for-quantum-error-correction-technology>

# Riverlane Social Media Channels



X: [@RiverLane\\_io](https://twitter.com/RiverLane_io)

LinkedIn: <https://www.linkedin.com/company/river-lane-research-ltd/>

YouTube channel: <https://www.youtube.com/channel/UCLsSWTktsqRRCS8t90TiRtg>

Website: [www.riverlane.com](http://www.riverlane.com)