

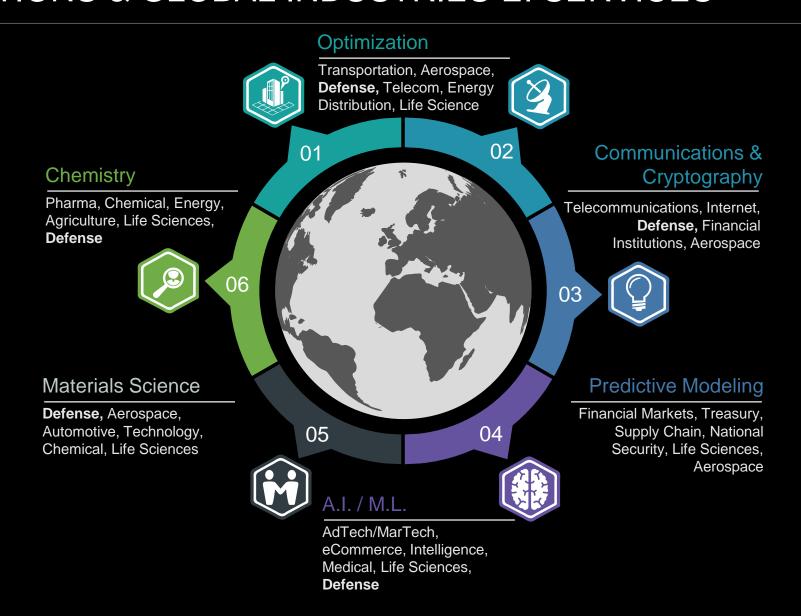
ACCELERATING QUANTUM INFORMATION SCIENCE AND A.I.

Private Public Partnership Approach

A critical infrastructure imperative



APPLICATIONS & GLOBAL INDUSTRIES EI SERVICES



QUANTUM & AI ARE PRIORITIZED AS NATIONAL INITIATIVES



NATIONAL STRATEGIC OVERVIEW FOR QUANTUM INFORMATION SCIENCE

DECEMBER 21, 2018 President Trump signs into law the National Quantum Initiative Act which calls for \$1.25B in quantum funding over the next 5 years.

https://en.wikipedia.org/wiki/National Quantum Initiative Act



INVESTING IN AI RESEARCH AND DEVELOPMENT

BUILDING THE AI WORKFORCE

PROTECTING OUR AI ADVANTAGE

FEBRUARY 11, 2019 President Trump signs an Artificial Intelligence Executive Order to maintain American leadership in AI. (>\$920M '20)

https://www.whitehouse.gov/presidential-actions/executive-order-maintaining-american-leadership-artificial-intelligence/

"Harnessing AI to Advance Our Security and Prosperity"

– Feb. 12, 2019, Summary of the 2018 DOD Artificial Intelligence

Strategy

BIG PROBLEM AND LOTS OF PEOPLE ARE WORKING ON IT...

ENTITIES WORKING ON VARIOUS ASPECTS OF QIS































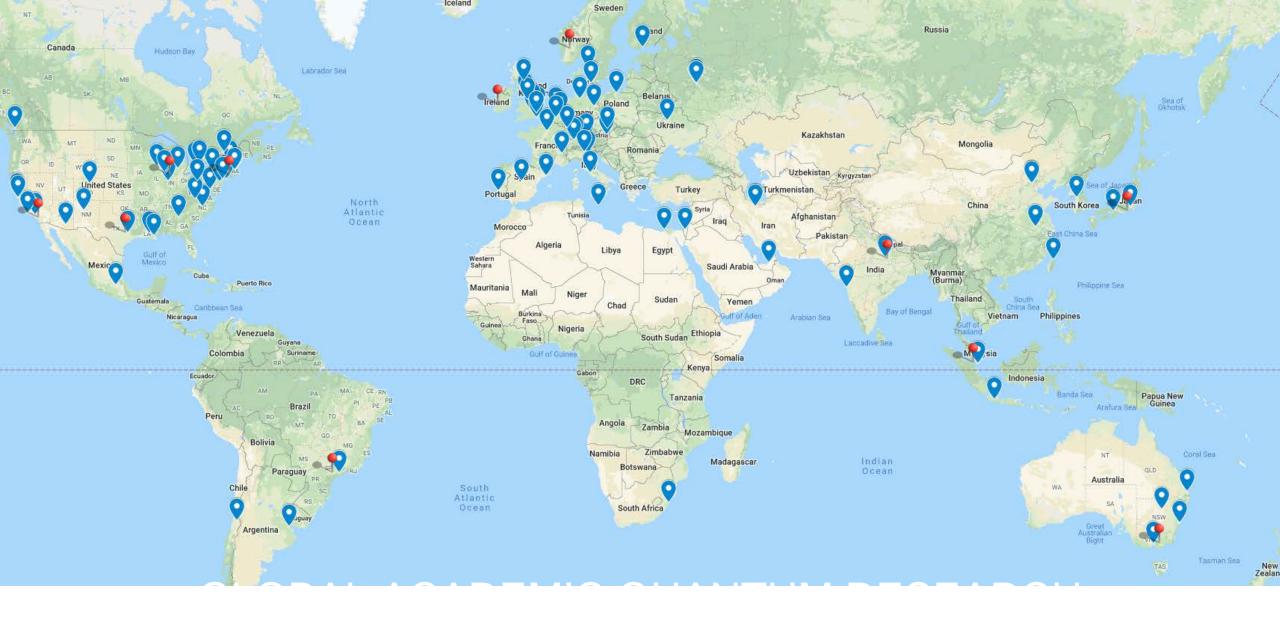












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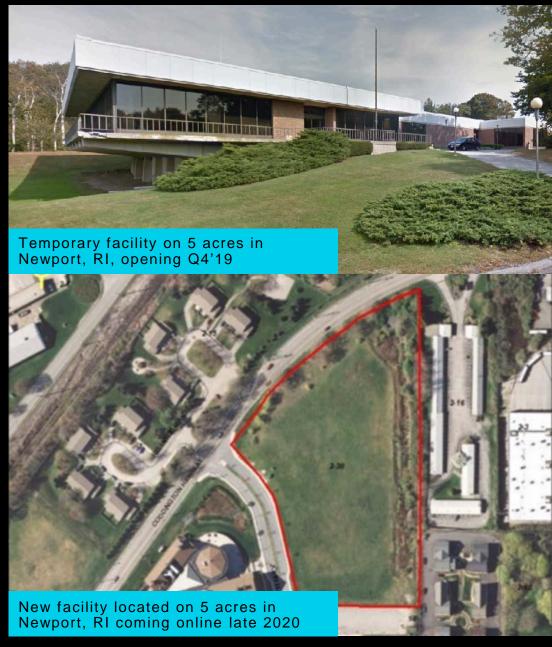




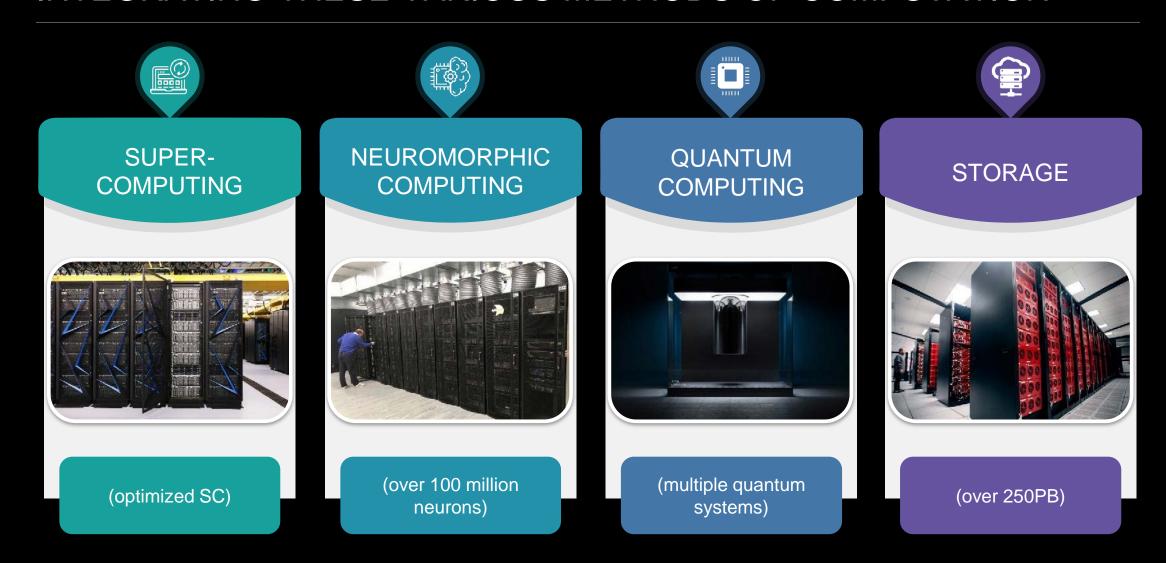


QUANTIFYING QUANTUM

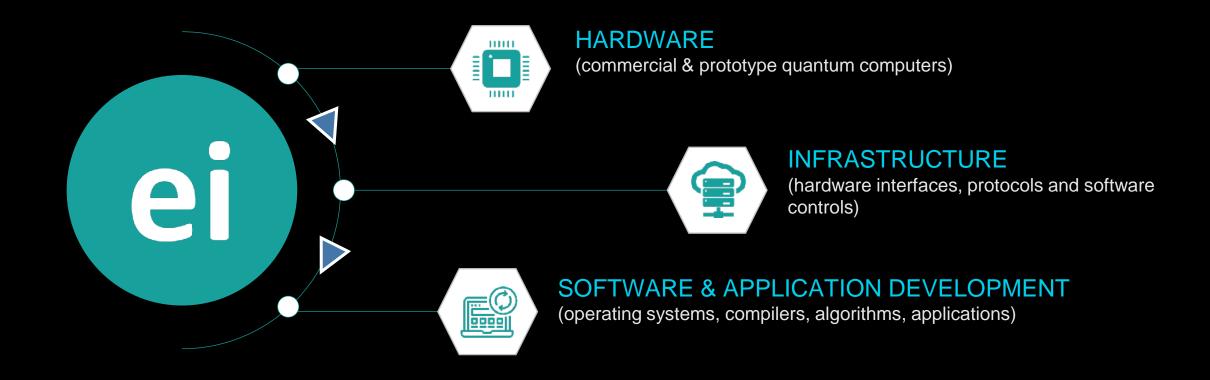
- ei is an unconventional approach that lowers the barriers of entry to R&D for quantum and AI at an early stage of the industry. We provide unrivaled access to resources that expand AI experimentation while serving as a platform to accelerate the development of Quantum Information Sciences
- Represents an opportunity to establish the first AI focused quantum trunk; customers can work with large datasets (on-site) and in a secure environment; then benchmark results. This capability doesn't exist anywhere else, and gives our customers a big competitive advantage
- Increases performance while expanding capabilities
- Integrating super and quantum computers with alternative and experimental computers, such as neuromorphic computing, to create
- the ultimate computational environment
 ei is different from existing quantum initiatives:
 1. ei works with more vendors than anyone and provides access to these diverse machines. Customers are not locked into one platform
 - latency & bottlenecks are removed to increase performance.
 users can benchmark systems and optimize their work
- Benefits: exponentially increases the body of knowledge in QIS & AI



INTEGRATING THESE VARIOUS METHODS OF COMPUTATION



OUR TECHNOLOGY FOCUS



ENTANGLEMENT'S BUSINESS PARTNERS & NETWORK

UNPRECEDENTED ACCESS TO THE BEST QUANTUM INFORMATION SCIENCE







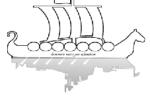






























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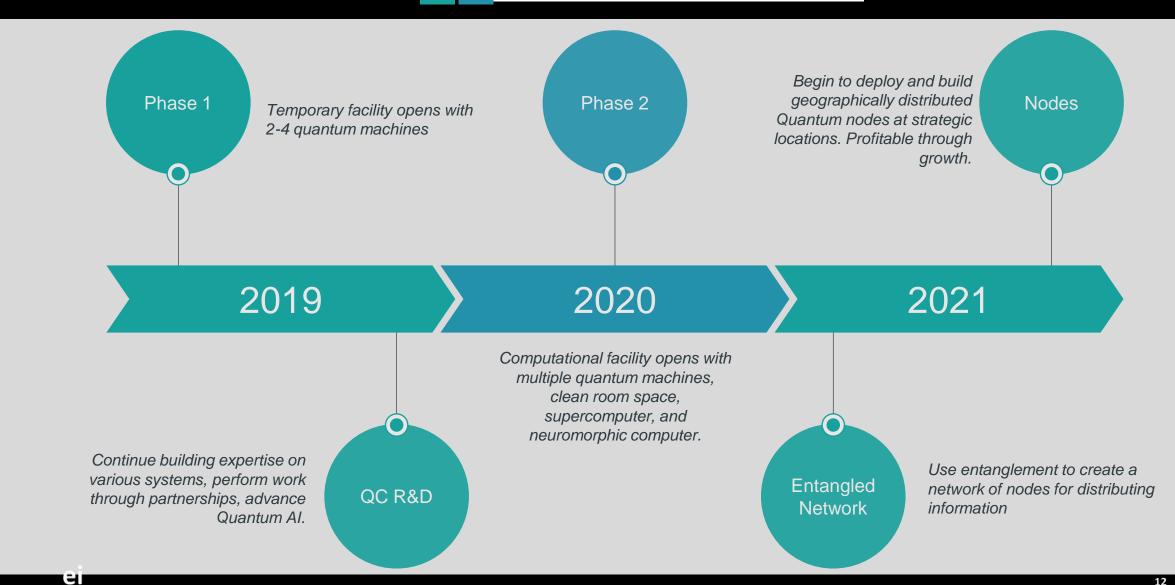


Dr. Talal Debs

MANAGING DIRECTOR, RSR PARTNERS

Financial Sector, Fmr. Executive Dir. JP Morgan, Blockchain Expert, PhD in Philosophical Foundation of Physics, University of Cambridge & Harvard

TIMELINE



EI'S ADVANTAGEOUS ROLE IN THE QUANTUM ECO-SYSTEM

Reduce the barriers of entry that exist for QIS & AI R&D today, enable more people with good idea's to have access to machines Foster a multidisciplinary approach and leverage the "computational hub" that ei 02 is creating for critical projects Establish ei as a resource to support U.S. QIS & Al ambitions; 03 shepherding public & private sector funded innovation through more effective partnering models Establish fee based usage rates for computational projects 05 Leverage commercial technology to meet big challenges

