In addition, clusters of emerging technology will unlock capabilities that create new opportunity spaces for financial institutions in the future.

Nine emerging technologies that can transform the financial services industry:

- Artificial intelligence
- Cloud computing
- Task-specific hardware
- Distributed ledger technology
- Internet of Things
- 5G networking
- Quantum computing
- Augmented and virtual reality
- Privacy enhancing techniques

New tools to breakdown age-old barriers and unlock opportunity
Changes to competitive dynamics and dominant operating models
A new impetus to tackle systemic challenges in financial services

Establishing Ecosystems Beyond Finance
Combine financial and non-financial offerings by building on strong ecosystem relationships to deepen customer engagement and create entirely new value propositions.

Integrating Digital and Physical Processes
Limited data about physical processes into financial products to improve risk and value assessment, assure the identity of transaction initiators, validate provenance of physical information, and optimize product distribution.

Reimagining Core Functions
Perform more granular, accurate, and robust calculations by tapping into leading-edge analysis methods and improve cross-enterprise data organization.

Reorienting Transaction Flows
Leverage modern data and value-transfer rails to pursue more automated and direct movements of assets and funds between participants.

Privacy enhancing techniques do not exist in a vacuum and is already intertwined with a combination of other emerging technologies such as cloud, 5G networking, Internet of Things, distributed ledger technology, and others.