

CONFIDENTIAL – INTENDED FOR ROUNDTABLE PARTICIPANTS ONLY

GBBC Supply Chain Roundtable Pre-Read

Pre-Read Materials:

- GBBC Participant Bios (see below)
- [GBBC Supply Chain and Transportation Working Group Brief on Compliance Checklist](#)
- [101 Real-World Blockchain Use Cases Handbook \(2025 Edition\)](#)
- [U.S. Transportation Fact Card](#)
- Global Standards Mapping Initiative (GSMI) Research Reports
 - [Supply Chains & Critical Minerals \(2025\)](#)
 - [Executive Summary Fact Card](#)
 - [The Future of Global Supply Chains \(2024\)](#)
 - [Digital Money & Payments \(2025\)](#)
 - [Executive Summary Fact Card](#)
- [Press Release: GBBC Joins ISO/TC 307 as Category A Liaison](#)

CONFIDENTIAL – INTENDED FOR ROUNDTABLE PARTICIPANTS ONLY

GBBC Participant Bios:

In-Person

Michael Darden, CEO, DFM Data

Michael has studied and implemented supply chain systems and methods in manufacturing, warehousing and logistics throughout his 30+ year career. He is a problem solver with a collaborative approach to solutions and an eye for iterative improvements over time. An inventor of supply chain/logistics patent US 7755518 and standards developer, Michael shares his experience in supply chain planning, execution, reconciliation, optimization, data collection and management, and dynamic reporting using critical emerging technology for decision making. Michael championed the harmonized maritime logistics terminology collaboration published in ASTM's Technical Report 5 "Resolving Data Language Barriers across Maritime Standards Vocabulary". He ideated the Transport Unit ID from ISO (ISO 8000-119) and documented the consensus-based Goods Movement Process (ASTM F3682, F3803, F3804) from ASTM to aid in connecting interrelated standards for multiple Standards Development Organizations. Michael lives in Suwanee Georgia with his wife of 32 years and their two special needs adult children with Autism Spectrum Disorders.

For more information on DFM Data, see [here](#).

Dale Chrystie, Business Fellow & Blockchain Strategist, FedEx

Dale Chrystie is Business Fellow and Web3/Blockchain Strategist for FedEx, focused on redesigning the trust layer of global commerce. He is known for advancing the shift from 3,000 years of paper-based trade infrastructure to digital-native, verifiable data systems capable of supporting programmable, cross-border commerce. His work bridges enterprise transportation operations with distributed technologies, helping translate Web3 from theory into real-world supply chain transformation. In 2017, he led FedEx's first blockchain proof of concept — an early signal that distributed trust would reshape how goods, data, and value move globally. Today, he advocates for building an open, interoperable digital foundation for global supply chains through pro-competitive "coopetition" among enterprises, standards bodies, and policymakers. He serves as Chair of the BITA Standards Council (a GBBC entity) and represents the United States as a GBBC Global Ambassador.

CONFIDENTIAL – INTENDED FOR ROUNDTABLE PARTICIPANTS ONLY

His work has been recognized with the inaugural Enterprise Blockchain Award for Enterprise & Industry Leadership (2019) and the Blockchain Leadership Award – Advocacy & Education (2022).

Find out more [here](#).

Daniel McMorris, CSO, The Provenance Chain Network (PCN)

Daniel McMorris is a seasoned business executive with deep expertise in supply chain operations, logistics, product development, and technology. After earning his MBA from the Mendoza School of Business at the University of Notre Dame, and following a 16-year career in logistics at OIA Global spanning business development, solution design, operations, M&A, and strategic initiatives, Dan identified blockchain technology as a transformative solution for supply chain visibility and transparency. In 2019, he co-founded The Provenance Chain™ Network (PCN) and spearheaded the development of the Commercial Trust™ Protocols (CTP) as the system of evidence for verifiable credentials of people, parties, places, products, and processes. This innovative, dual-use solution leverages advanced encryption, distributed ledger technology, decentralized storage, and AI to streamline evaluations, protect intellectual property, deliver traceability, expose provenance, enhance supply chain risk management (SCRM) oversight, and reduce friction in global supply chains, thereby strengthening industrial resilience and national security. In 2024, Dan earned a Master of Science in National Resource Strategy while studying the broad application of the CTP at the National Defense University's Eisenhower School of National Security and Resource Strategy, where he also received an ACQ 401 certification from Defense Acquisition University.

For more information on PCN, see [here](#).

Stephen M. Ryan, Chairman, The Provenance Chain Network (PCN)

Stephen (Steve) M. Ryan has spent forty-five years in Washington DC in critical government positions, or providing lobbying, litigation, and advisory services to the US high-technology community. He stepped down as head of a major international law firm's government strategies lobbying group, and from his roles in defending congressional investigations, parallel criminal investigations, and government contracts practice. Steve's current role includes serving on corporate boards. Steve is the Chairman of the Board of the Provenance Chain Network (PCN), headquartered

CONFIDENTIAL – INTENDED FOR ROUNDTABLE PARTICIPANTS ONLY

in Portland, Oregon. Steve is the lead independent director of the publicly traded defense and manufacturing company, Air Boss of America, headquartered in Ontario. Steve serves a number of companies as consultant and advisor, particularly in the areas of US government supply chain and cyber security. He is Vice President of an AI/database firm that detects and prosecutes civil fraud cases against those who targeted US government programs. Steve continues as a leader on Internet governance issues and cyber security policy.

For more information on PCN, see [here](#).

Todd Ziegler, CEO, TCS

Todd Ziegler (JD) is a decade-long c-suite transportation veteran who has managed procurement, and lanes, for GSA and FEMA. As founder and CEO of TCS, Ziegler has become a pioneer in transportation trade finance, settling the World's first freight invoice on-chain in 2022. TCS settles freight invoices on-chain in 1-2 business days, up to 90% cheaper than invoice "factoring." Ziegler was invited to two private meetings with the White House in 2025, as well as the GENIUS Act signing ceremony. In 2026, PayPal and Paxos announced partnerships to scale TCS digital asset payments solutions, by integrating PYUSD into the existing settlement stack.

*On March 19th, Ziegler will lead the discussion on digital asset payments in the transportation industry, and discuss how blockchain solutions are mitigating the "silent VAT tax" in U.S. supply chains.

For more information on TCS, see [here](#).

Sandra Ro, CEO, GBBC

Sandra is a proponent for 'human-centric tech'. From investment banking and currency markets to blockchain technology, she is an early angel investor and advocate of cryptocurrencies and digital assets. She currently serves as the CEO of Global Blockchain Business Council (GBBC), the largest leading non-profit association for the blockchain, digital assets, and emerging technology community, with more than 500 institutional members across 100+ jurisdictions and industry sectors. In 2023, she was appointed to the CFTC Chair's Global Markets Advisory Committee (GMAC), Digital Asset Market Subcommittee (DAMS) and cochairs the Taxonomy and Tokenization

CONFIDENTIAL – INTENDED FOR ROUNDTABLE PARTICIPANTS ONLY

Infrastructure workstreams within the subcommittee. She also serves on the Japan Ministry of Economy, Industry, and Trade (METI) blockchain advisory group as well as the Ukraine Ministry of Digital Transformation blockchain research group and several other key committees and councils across AI and digital assets. Whilst at CME Group, she headed FX & Metals Research & Product Development and founded a new business unit, Digitization. Sandra and her team created the CME CF Bitcoin pricing index and reference rate, CME Bitcoin Futures, and post trade, clearing and settlement solutions as well as the first corporate digitized gold solution with UK's HMT's Royal Mint called RMT. She filed and received some of the earliest cryptocurrency and derivatives related patents. Previously, she was a London-based derivatives banker at Morgan Stanley and Deutsche Bank in the foreign exchange, interest rates, and equities markets. Sandra holds a M.B.A. in Finance and Accounting from London Business School, studied Computer Science at Columbia University, School of Continuing Studies and earned a double B.A. degree from Yale University in History (Military) and Studies in the Environment, culminating in a final thesis on "A History of the Proliferation of Chemical and Biological Warfare in the 20th Century".

For more information on GBBC, see [here](#)

Jackson Ross, Director of Technical Programs & Head of IWA, GBBC

Jackson Ross currently serves as a Director of Technical Programs and Head of InterWork Alliance (IWA) for Global Blockchain Business Council (GBBC). Prior to joining the GBBC team, he worked for the IWA, a non-profit standards organization focusing on creating standards for the tokenization of assets to promote interoperability in the DLT space, which is now an initiative of the GBBC. At the IWA, Jackson managed the various working groups and provided administrative support for the various platforms the IWA used in day-to-day operations. Jackson has a Bachelor of Science in Management Information Systems and a Master's in IT Management from the University of Texas at Austin.

Justin Legesse, U.S. Analyst, GBBC

Justin Legesse is a U.S. Policy Analyst at Global Blockchain Business Council (GBBC). He is currently pursuing his education at St. John's University, majoring in Political Science and minoring in Business Administration. His academic excellence is recognized through his membership in Pi Sigma Alpha, the National Political Science Honor Society, which celebrates outstanding scholarship in the field of

CONFIDENTIAL – INTENDED FOR ROUNDTABLE PARTICIPANTS ONLY

political science. Throughout his academic journey, Justin has accumulated experience conducting research focused on regulatory bodies and states, enhancing his expertise in navigating the intricate dynamics of policy-making and regulation in the digital age. His work and contributions are informed by a deep understanding of both theoretical frameworks and practical applications.

Virtual

Jens Lund-Nielsen, Head of Global Trade & Supply Chains, IOTA Foundation

Jens Munch Lund-Nielsen is the Head of Global Trade & Supply Chains at the IOTA Foundation and a leading expert in the digitalization of international trade. With a background spanning over ten years at Maersk and leadership roles in global initiatives together with the World Economic Forum and the Tony Blair Institute for Global Change, Jens specializes in using Distributed Ledger Technology (DLT) to create transparent, paperless supply chains. He is a driving force behind TWIN systems and initiatives currently transforming trade efficiency and transparency across Africa and in Europe.

For more information on IOTA Foundation, see [here](#)

Paul Rapino, SVP Enterprise and Hedera Council Engagement and Development, Hashgraph

Paul Rapino is a recognized executive and thought leader in enterprise technology and blockchain startups. As Senior Vice President of Enterprise & Hedera Council Engagement at Hashgraph, he leads global efforts in AI, blockchain, governance, and enterprise readiness. Since 2020, Paul has shaped digital tokenization through work with the InterWork Alliance and GBBC, advancing industry standards and interoperability. His expertise spans sales leadership, go-to-market strategy, team guidance, and managing multimillion-dollar projects. Paul has held executive roles at the Hedera Foundation, The HBAR Foundation, and GBBC, and previously led enterprise sales at Microsoft, building lasting client relationships. Committed to mentorship, he holds an M.B.A. from Loyola University of Chicago, a Data Analytics Certificate from Northeastern, and a bachelor's from Liberty University. He also volunteers as a high school basketball coach in Seattle.

For more information on Hashgraph, see [here](#).

CONFIDENTIAL – INTENDED FOR ROUNDTABLE PARTICIPANTS ONLY

Kurt Bierbower, CRO, Hashgraph

Kurt is currently the Chief Revenue Officer at Hashgraph, which is the operational arm of Hedera. Hedera is the leading enterprise layer one blockchain. Previously, Kurt led emerging technology and Web3 divisions at Deloitte Consulting, GMO Internet, ConsenSys and a Fortune 500 company. Kurt has scaled blockchain ecosystems across Artificial Intelligence, Stablecoins, Wallets, Exchanges and TradeFi. He is a blockchain technology subject matter expert and has advised C-suite executives and Government leaders on critical business decisions for over two decades.

For more information on Hashgraph, see [here](#).