

**Kelly LeValley Hunt**

**Twitter: @LeValleyKelly**

# Use Case Qualification in Blockchain

1. Source of Record
2. Actors
3. Greenfield vs Legacy
4. Incremental Value
5. Performance and Transactional Workload

# Source of Record

---

- **Is the Blockchain Serving as a Source of Record?**
  - For most strong use cases the answer is YES
  - A Blockchain is a secure transactional ledger and therefore is well suited to Source of Record use cases, especially where downstream auditability is a concern
- **Is having an agreed history of transactions important?**
  - A key benefit of Blockchain technology its ability to order a set of transactions and synchronize the business data associated with those transactions

# Actors

---

- **Are there more than two types of actor interested in using or operating the system?**
  - Again, for most strong use cases the answer is YES
  - These actors can be distinct corporates including regulators (consortium blockchain network), different corporate subsidiaries (private, single enterprise blockchain ) or even individuals (public blockchain)

# Greenfield vs Legacy

---

- **Is there an existing automated system in place for the problem we are aiming to solve?**
  - It is easier to start with a **Greenfield** use case
  - Greenfield systems allow us some latitude to imagine an ideal business process
  - The pain/cost reduction is also often higher as we are comparing against a highly manual paper or email based business process

# Incremental Value

---

- **Does the system require coordination with other industry players before achieving value, or is there an iterative approach?**
  - To minimize time to value it is best to find a use case which provides value to a single enterprise or small group of trusted partners
  - Subsequently, all parties should see additional value as new participants are onboarded

# Performance and Transactional Workload

---

- **Is Performance a concern?**
  - Performance worries are a bit overblown in the public media
  - Don't do a 'big data' use case, but don't worry if you have fewer than 50-100 transactions per second

**Kelly LeValley Hunt**

**Twitter: @LeValleyKelly**