Group 4 – DisSapter

During flood or any disaster, Keeping track of all the inventory and ensuring that relief material is provided at ease with accountability is a big challenge. Can you develop a solution which can ensure proper and accountable disbursement happens during any disaster.

DISASTER MANAGEMENT

Business Case

Magnitude of the fraud in the supply chain during emergencies(assuming it at 10%-70%) : INR 5600 Cr - INR 39200 Cr

Estimated relief fund provided in the form of supplies ➔

INR 56000 Crs* (Does not include the basic Infra required to facilitate supplies)

30 + High impact disasters occurred in India during the last 20 years ➔ which impacted had an impact of INR 5.6 Lakh Cr loss in Infrastructure and 4.4 Bn people Link1 Link2
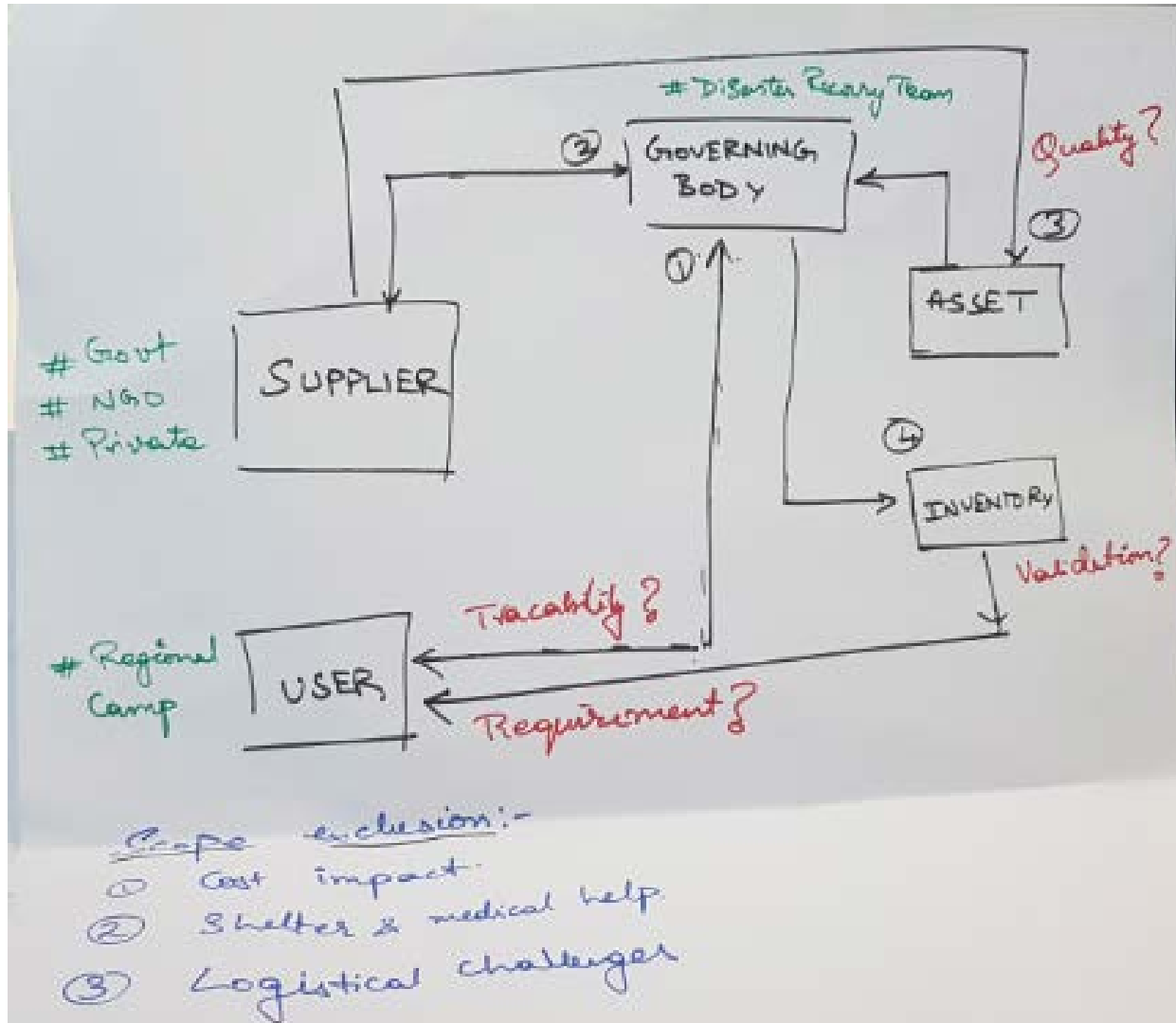
Infrastructure 20%
- No impact on this cost

Supplies 80%
- Area of focus

As - Is state

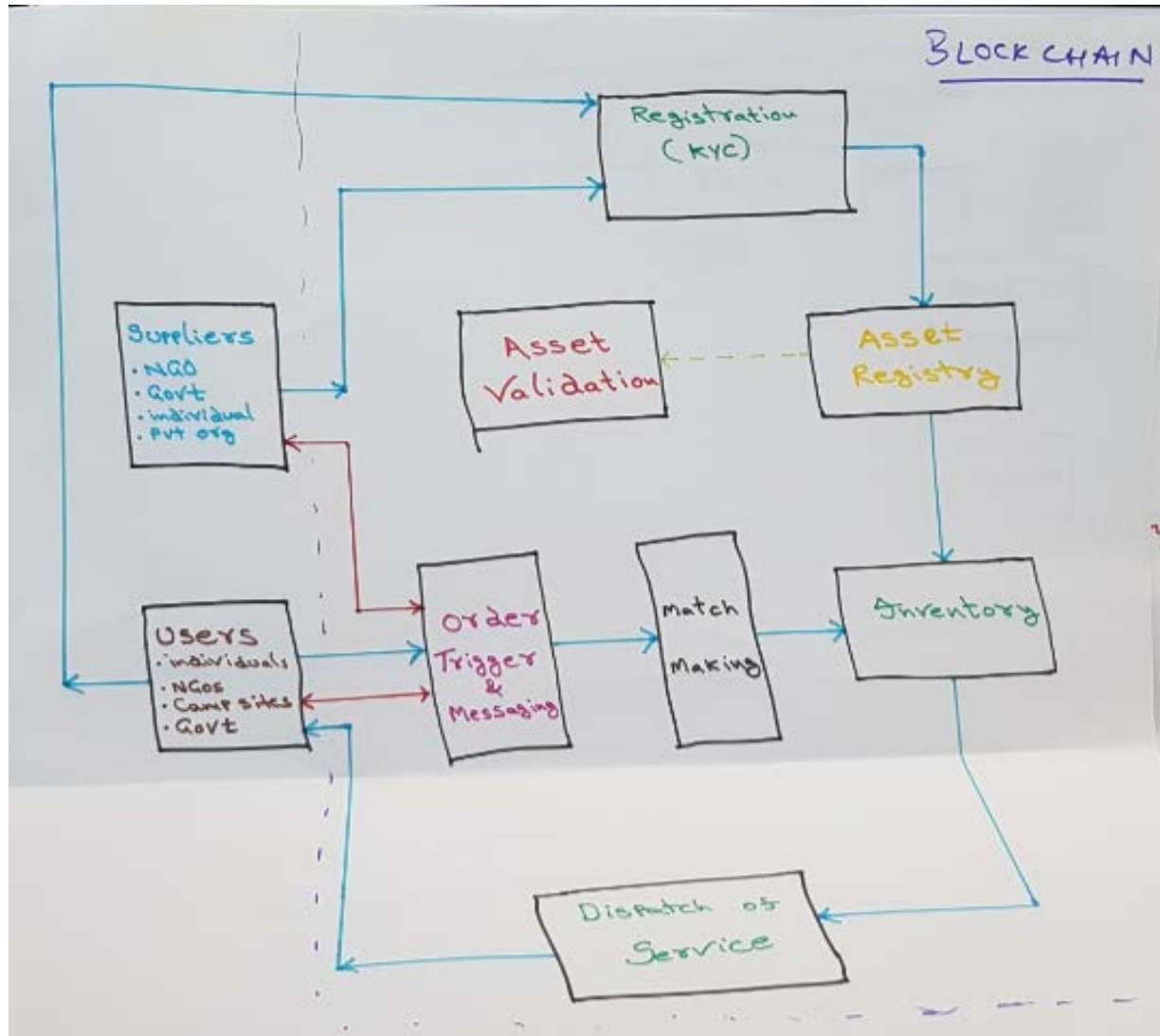Issues:
Quality ?
Validation ?
Traceability ?
Requirement ?

Actors:
- Supplier
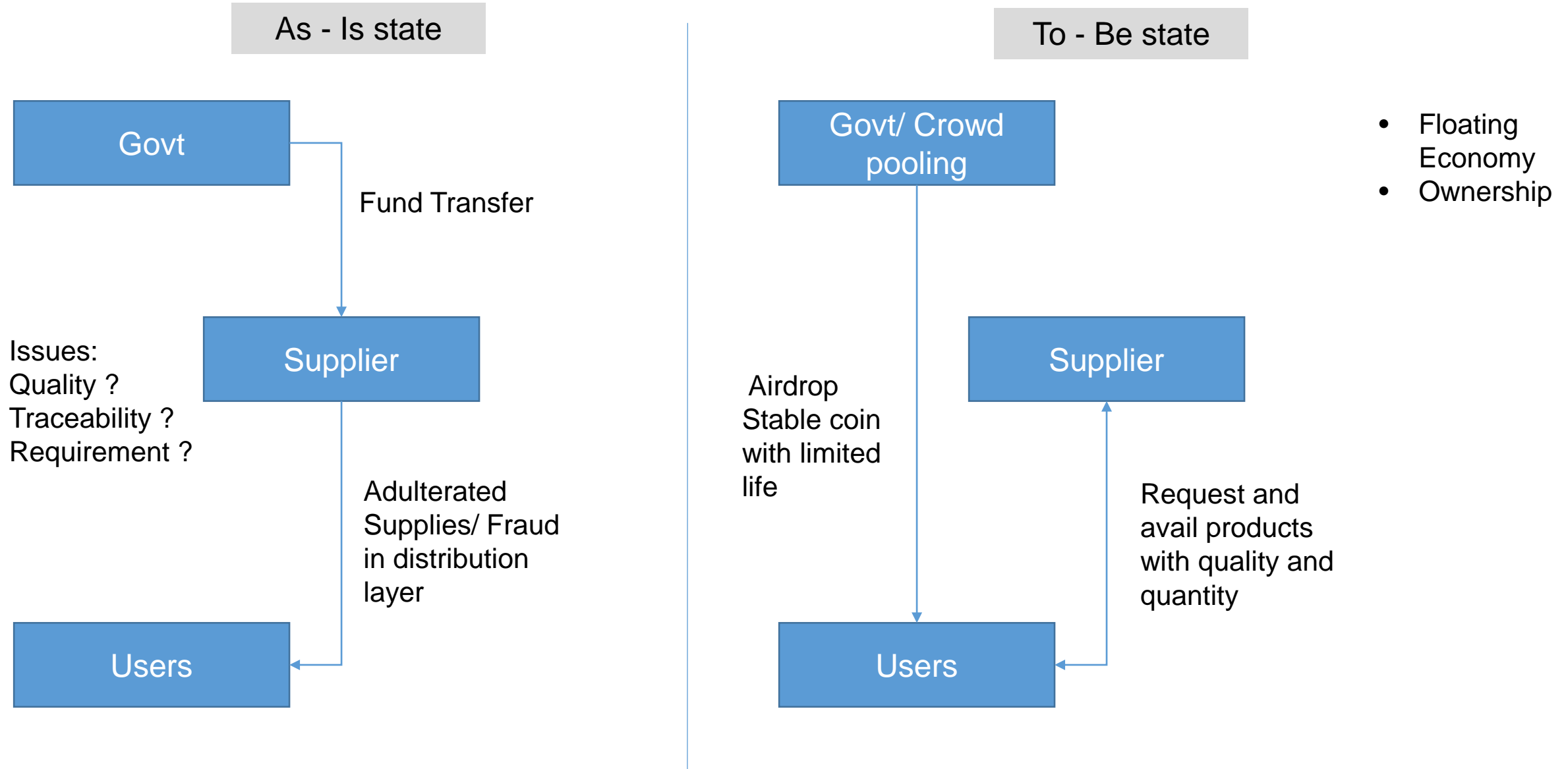- Governing body
- User

How can Blockchain help?

Solution addresses:
- ✓ Traceability
- ✓ Requirement
- ✓ Quality (later stage)
- ✓ Validation (later stage)

Actors:
- Supplier
- User

Phase 2 – Attacking the accountability issue

As - Is state

Govt

Fund Transfer

Supplier

Issues:
Quality ?
Traceability ?
Requirement ?

Adulterated
Supplies/ Fraud
in distribution
layer

Users

To - Be state

Govt/ Crowd
pooling

Airdrop
Stable coin
with limited
life

Supplier

Request and
avail products
with quality and
quantity

Users

- Floating
  Economy
- Ownership

Thank you!!

Lets start Demo ☺