

Hyper-Diam

Supply Chain Solution to
Track Natural Diamonds

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3+ years - Blockchain Dev

Ethereum | Binance | Tron |
Avalanche

- Smart Contracts
- Dapp
- NFT
- Dex



Can you tell the Difference?



Natural Diamond



Lab Grown Diamond



Both are Lab Grown

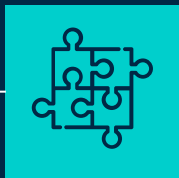
Problem Statement

Recession:

- CVD (Chemical Vapor Deposition – a.k.a. lab grown diamonds)
- Blood Diamonds

What's real and what's ethical ??

Statistics



01

9/10 diamonds -
polished in India.



02

India
- Imports \$11 B
- Exports \$15 B
worth diamonds



03

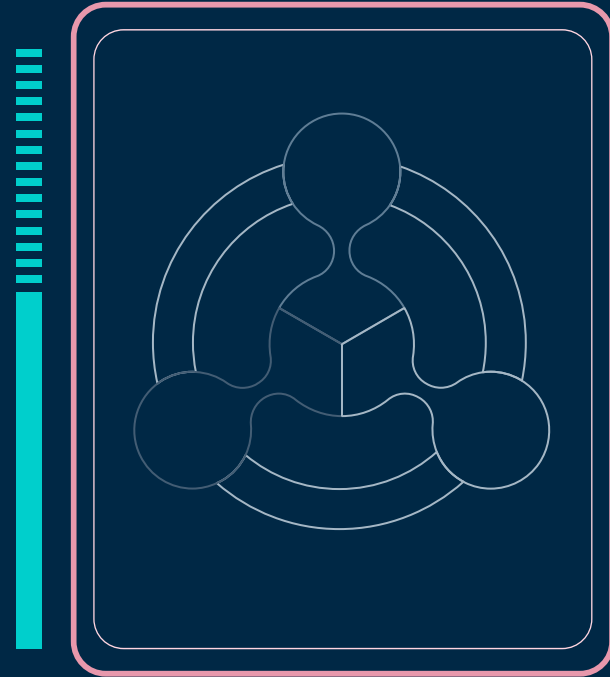
1.5M people -
engaged in the
diamond ring

Solution Proposed – HyperDiam

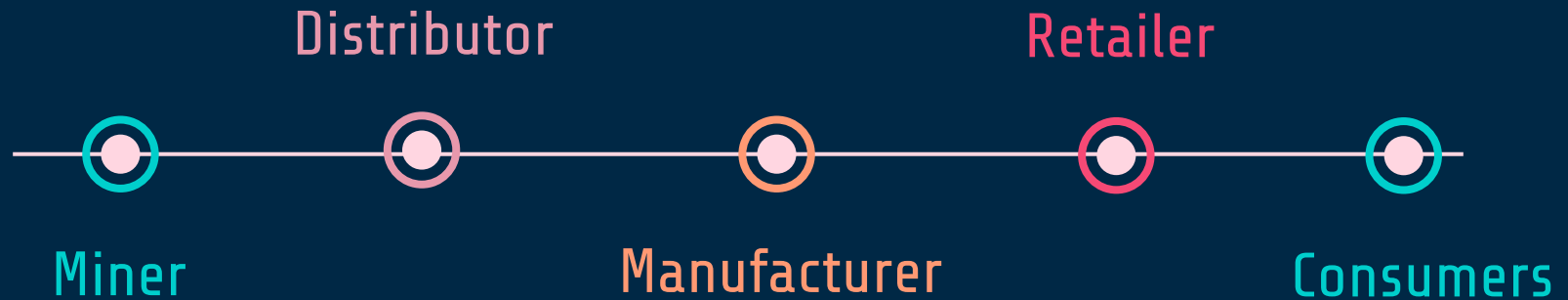
Using Hyperledger to track and trace natural diamonds.

Transparent & Traceable supply chain of diamonds

Authentic and Ethically sourced diamonds



Supply Chain





BLOCKCHAIN

MINING



CUTTING



RETAIL



CONSUMER

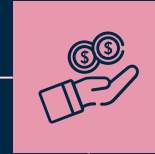


Architecture

- **ORDERER** - using RAFT consensus
- **ORGANIZATIONS** - 2 Organizations* (Production will involve multiple organizations)
- **PEERS** - 2 peers* (Production will involve at least 2 peers for each Org)
- **CA** - Using Fabric-CA* (Production we plan to use custom CA)
- **CHANNELS** - 1 Channel* (Production will also involve Private Channels between Some Organizations)

Benefits

Increased
Transparency



Better Customer
Confidence

Improved
Traceability



Enhanced
Efficiency

Demo



THANK YOU :)

Join our efforts to restore confidence in the
natural diamond industry

Contact Us 



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