



# BLOCKCHAIN BASED LOGISTICS & TRANSPORTATION EXCHANGE\*

**Interactive platform to connect Brokers with Truckers**

*\*1<sup>st</sup> implementation will be in India followed by other countries with major road & rail networks across the globe beginning year 2.*

WHITEPAPER

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## WHY IS INDIA A KEY OPPORTUNITY?

Trucking is one of the important links that facilitates productivity and competitive efficiency, leading to rapid economic development of the country. It also plays a key role in bringing about the development of the remote regions in India (over half-a-million villages) by opening them to trade and investment and integrating them with the mainstream economy.

**Over a period of time various industries have evolved and changed a lot making significant positive impact on our lives. However looking at the transport industry in India, the way it has been ignored makes the industry highly unorganized, though the same is the back bone for any industry.**

Trucking in India is therefore becoming more and more difficult profession even though it has substantial impact on the GDP.

**Trucking is going to be the key differentiator for the nations evolving from developing to developed road map. India needs an integrated approach with a digital exchange at its core for realizing and multiplying benefits for its economy.**

## HOW DOES SHIPX WORK?



Simple as 1-2-3.

ShipX is a digital platform for Brokers and Truckers. It's Free.

Using ShipX mobile or web app, brokers/shippers can find trucks for their loads on-demand.

Trucks can review the proposed freight rate, and if acceptable confirm pickup of the load using the ShipX app. Trucks then pickup & deliver loads while providing real-time tracking to freight they haul.

Blockchain technology ensures all transactions are transparent and riskless. All transactions are fully insured using *smart contracts*.



- ◆ ShipX is a cloud-based Interactive platform to connect brokers (and shippers) with Truckers across all states 24x7
- ◆ ShipX plans to offer additional services such as insurance, hospitality, healthcare and road assistance programs as services

HOW DOES EVERYONE BENEFIT. 

## Our Solution.



### A MOBILE APP.


A blockchain based intelligent load-truck matching algorithm resides at the heart of the ShipX app (will be available on PC, Mac, Android and iOS/Apple devices) in multiple regional languages for brokers, truck owners and drivers.

## Benefits of ShipX

Brokers, Truckers and Drivers




- Brokers can offer better and flexible service to their Customers (shippers)
- Increase new business (growth in commissions) and less time to find Trucks
- Access to a National Transportation Network of Truckers in various industries

**Over 100%**   
**more revenues**




- Increase loads per truck (grow revenues)
- Reduce empty miles on return trips (improve profits)
- Access to an increasing demand base (lower load uncertainty)

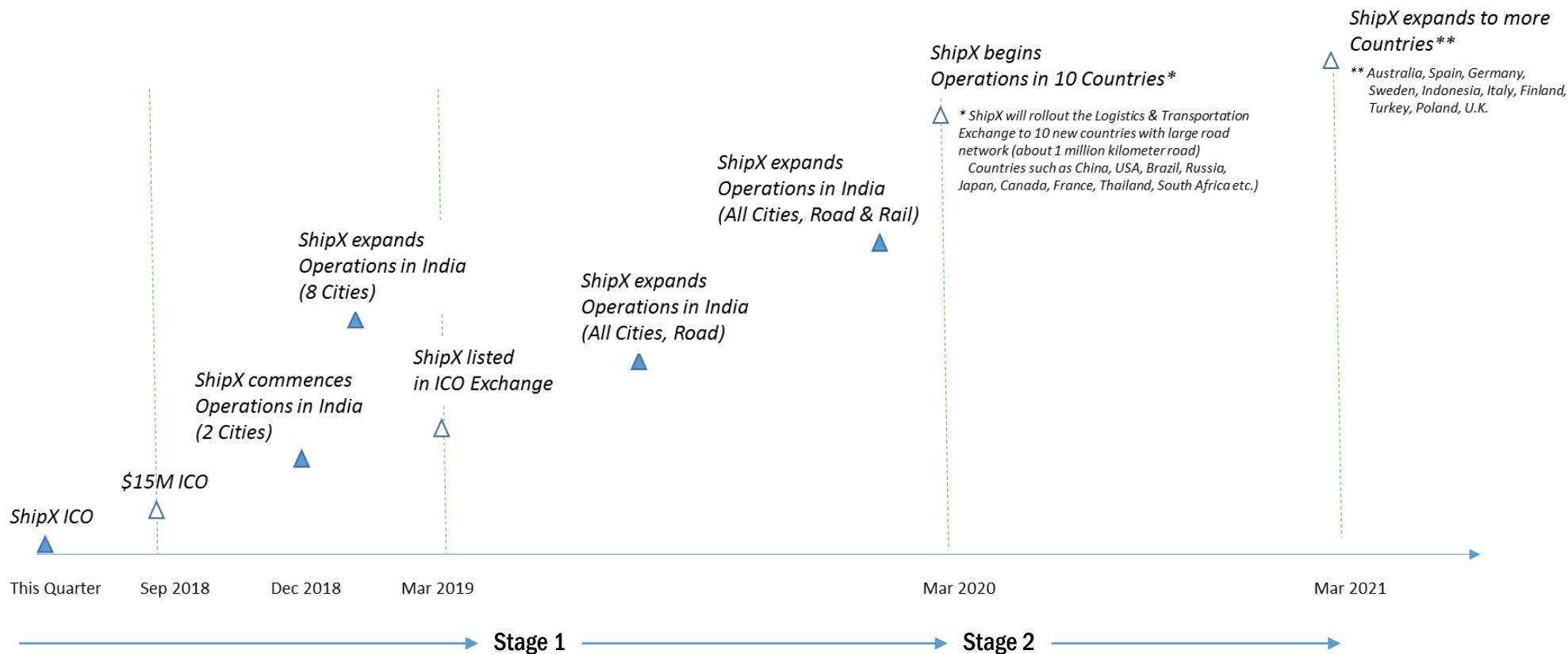
**Over 50%**   
**more revenues**



- Increase in trips (more pay)
- Faster load turnarounds (more time with family)
- Access to a vast job pool (drivers can find trucks that need them)

**Over 20%**   
**more pay**

# HOW SHIPX PLANS TO GROW.



A nomadic family belonging to the Gujjar community lift their cargo on to a truck travelling from Punjab to Kashmir during the peak of the oppressive heat of the month of May.

Photograph Courtesy Ozzie Hoppe



With road network of over 4.68 million kms which is the second largest road network in the world, India has the quantitative road network density (0.66 km per square km of land) very close to United States (0.65) and far higher than that of China (0.16) or Brazil (0.20).

**The road network in India though extensive is still inadequate and suffers from a number of deficiencies like inability to handle high traffic density, poor conditions of roads etc. The average productivity of a truck in India is an abysmal 200 kms a day which could be increased to 350 - 400 kms just by network optimization to reduce congestion.**

Another factor affecting the efficiency of road freight transport is that it is run mostly by the private operators most of whom own single truck. The trucking industry is handled by so many players such as truck drivers and owners who are sometimes different from operators, forwarders, booking agents, brokers, private financiers, etc. Transporters with fleets smaller than five trucks account for over two-thirds of the total trucks owned and operated in India and make up 80% of revenues.

*We are creating the first big step of a digital exchange so demand (loads) meet supply (trucks) effortlessly.*

**ShipX**