

A decorative graphic on the left side of the slide consisting of two overlapping parallelograms. The front one is blue and the back one is a light greenish-blue. They are positioned diagonally, with the blue one partially covering the green one.

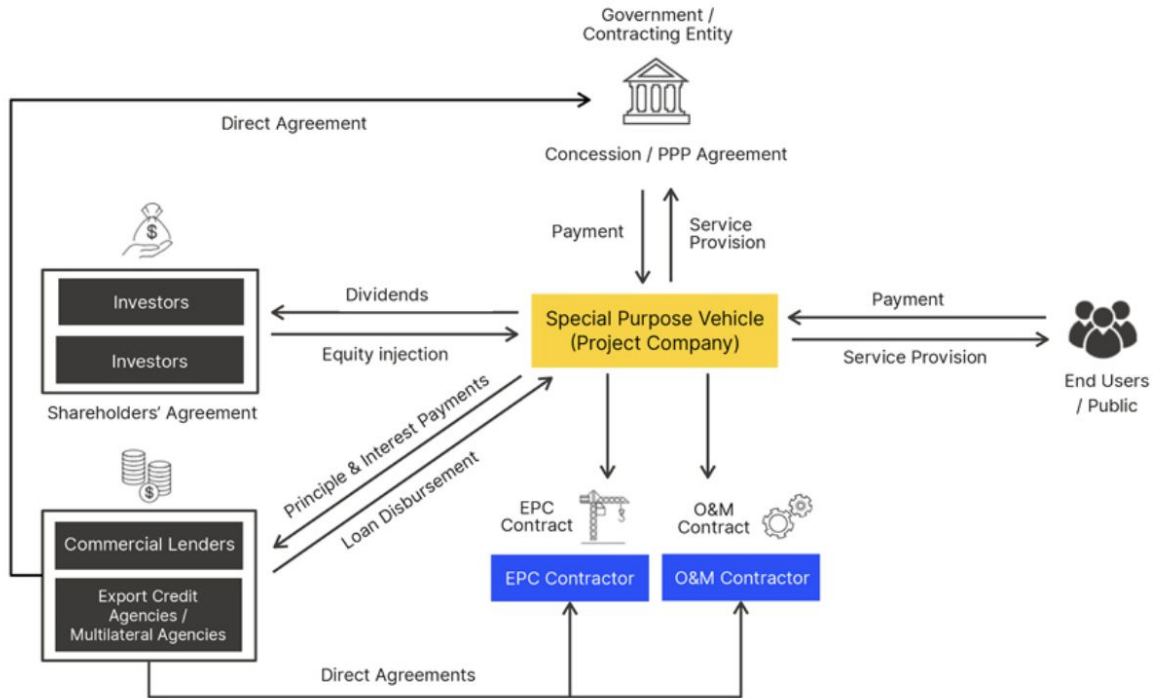
# Blockchain Based Smart Contracts for Infrastructure

# Project Overview

Our goal is to remove delays and cost overruns during the development of a project using blockchain based smart contracts to manage funding and ownership of infrastructure assets. We want to improve transparency of transactions and allow investors to have a stake in infrastructure projects.

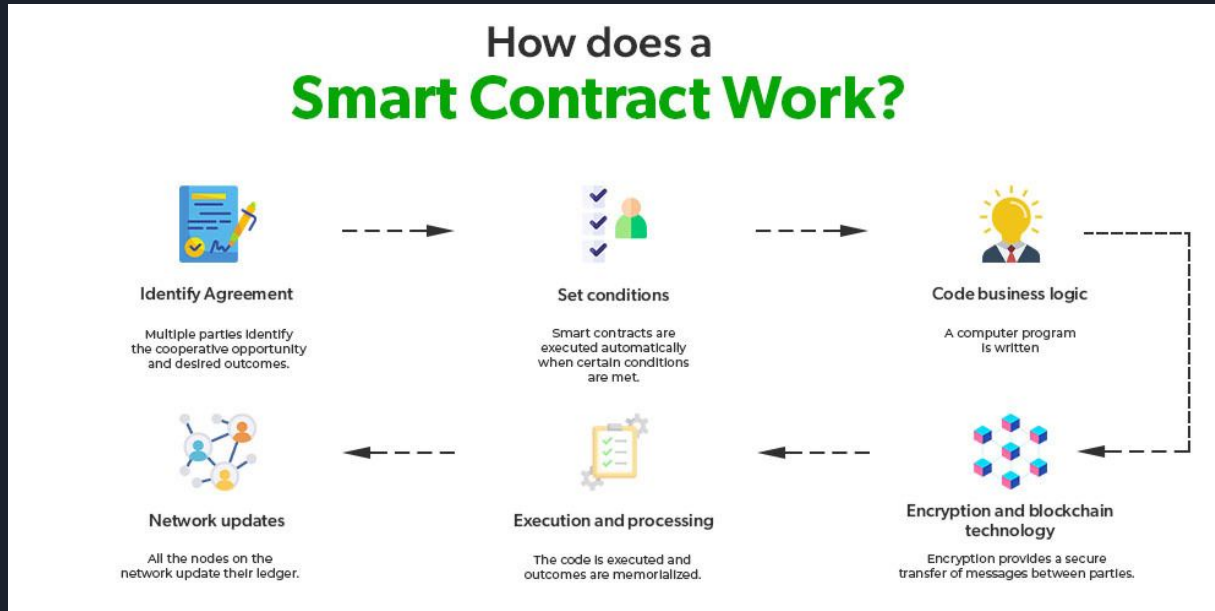


# What is PPP?



# What are Smart-Contracts?

- Smart contracts are very versatile and efficient
  - ◆ It's code so it can function anyway you want it to
  - ◆ Once prerequisites are made, the process will automatically initiate
  - ◆ No need for a third-party



# How can smart-contracts improve PPP?

- Reduce the amount of time there is to process these types of projects
- Smart-contracts are versatile and can be modified to specific use cases
- Reduce accounting complexity by combining all transactions into one token
- Easier ability to use toll-based infrastructure

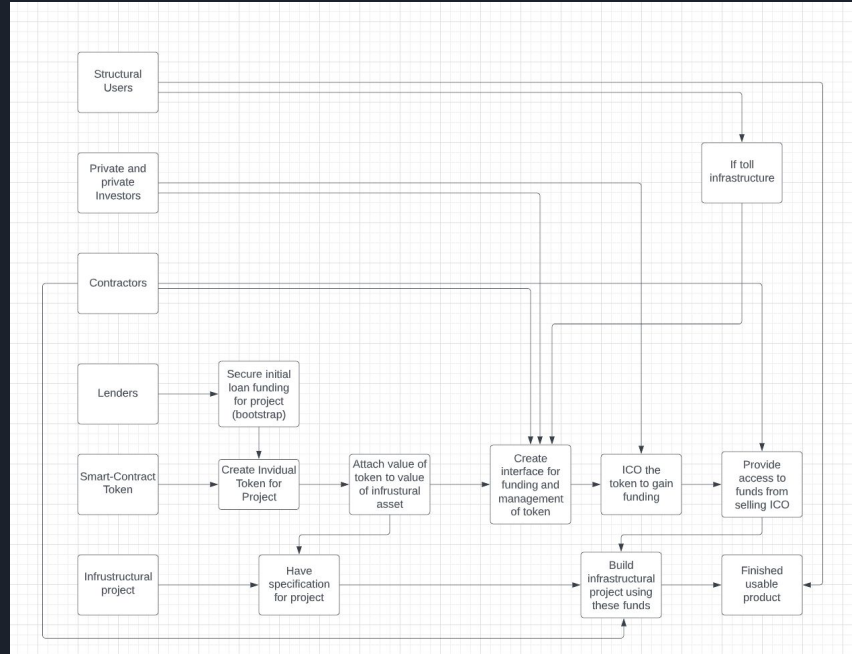


Source: <https://www.forbes.com/advisor/in/investing/cryptocurrency/top-10-cryptocurrencies/>

# User Flow

## Four Key Users:

- Retail Investors
- Contractors
- Institutional Investors
- Structural Users





## Our deliverables to help improve PPP with blockchain smart-contracts

The deliverables involve creating a prototype ethereum-based token for which smart-contracts can be created to automate operations. An example would be dividing ownership of a bridge using these asset-tokens and tying its value to the toll collected from commuters.

# Project Schedule

All Team Members

TM1, TM2 →

TM1, TM2, TM3, TM4 →

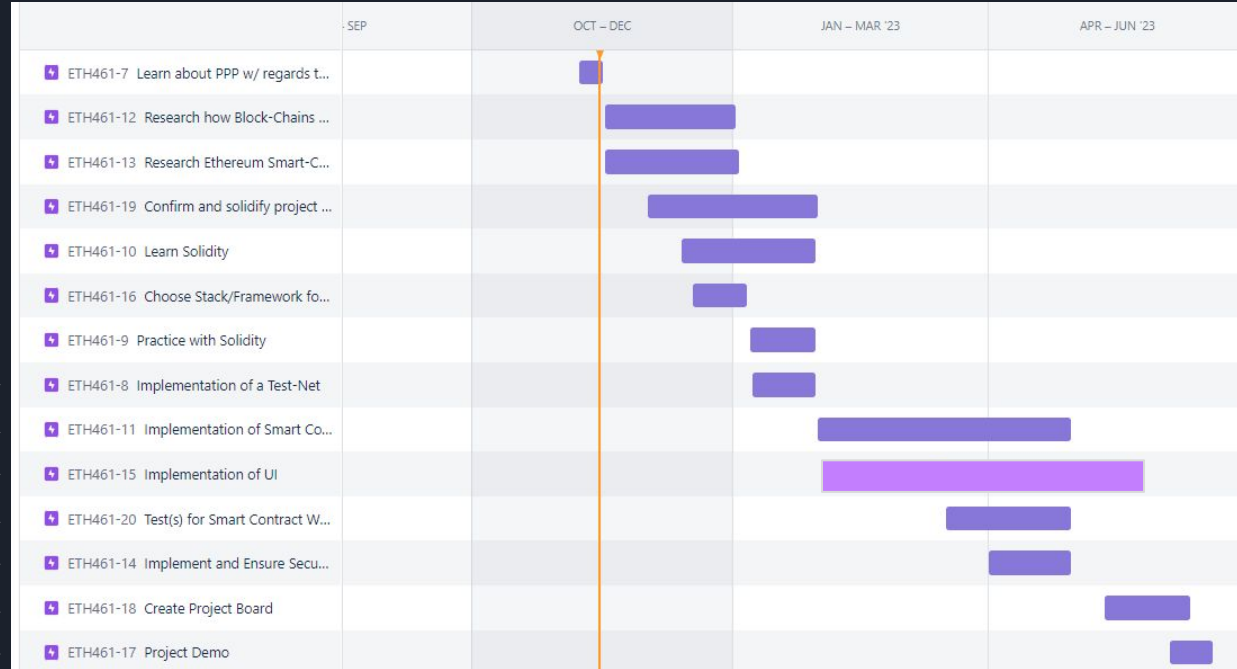
TM5, TM6 →

TM1, TM2 →

TM2 →

TM3, TM4, TM6 →

All team members →





# Project Management tool

- Jira Software - Jira is a software application used for issue tracking and project management.

