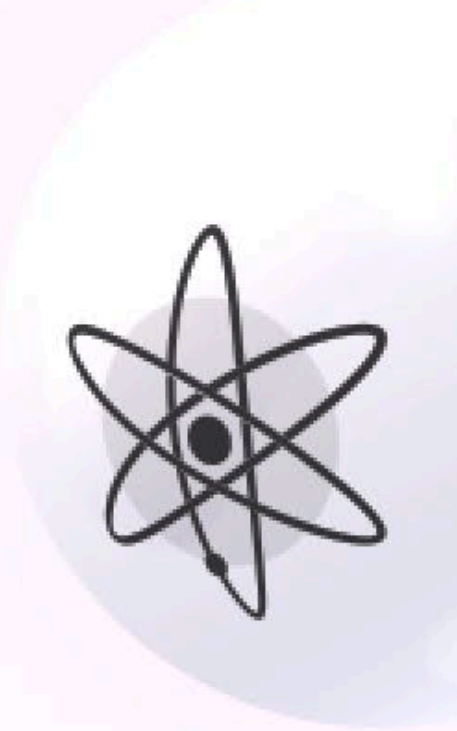# ASTAR

https://linktr.ee/astarnetwork

- Polkadot Relaychain **doesn't support smart contract by design**.

- **EVM compatibility is everywhere**.

- **There is no financial incentives for early developers** to deploy smart contracts.
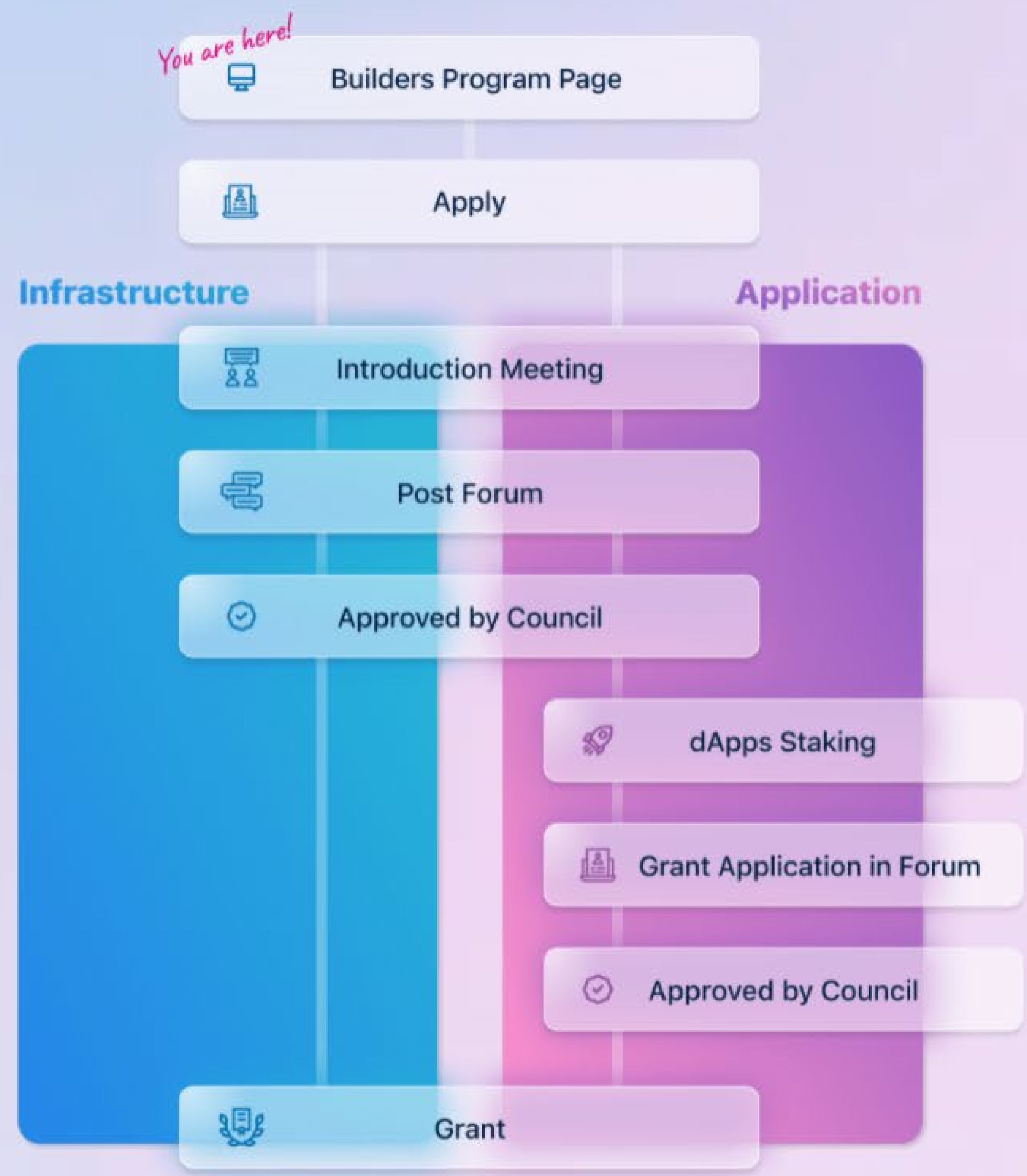
Multi Virtual Machine

Astar supports both EVM and WASM. Solidity, Parity's ink! and other WASM compatible smart contracts can be deployed on Astar. The smart contract on EVM can interact with WASM and in the future vice versa.

dApps Staking

dApp Staking is the system to distribute basic income to developers on Astar Network. By making a product on Astar, developers can earn $ASTA token from block reward based on their performance and decentralized voting. This is a strong incentive for developers to choose Astar.

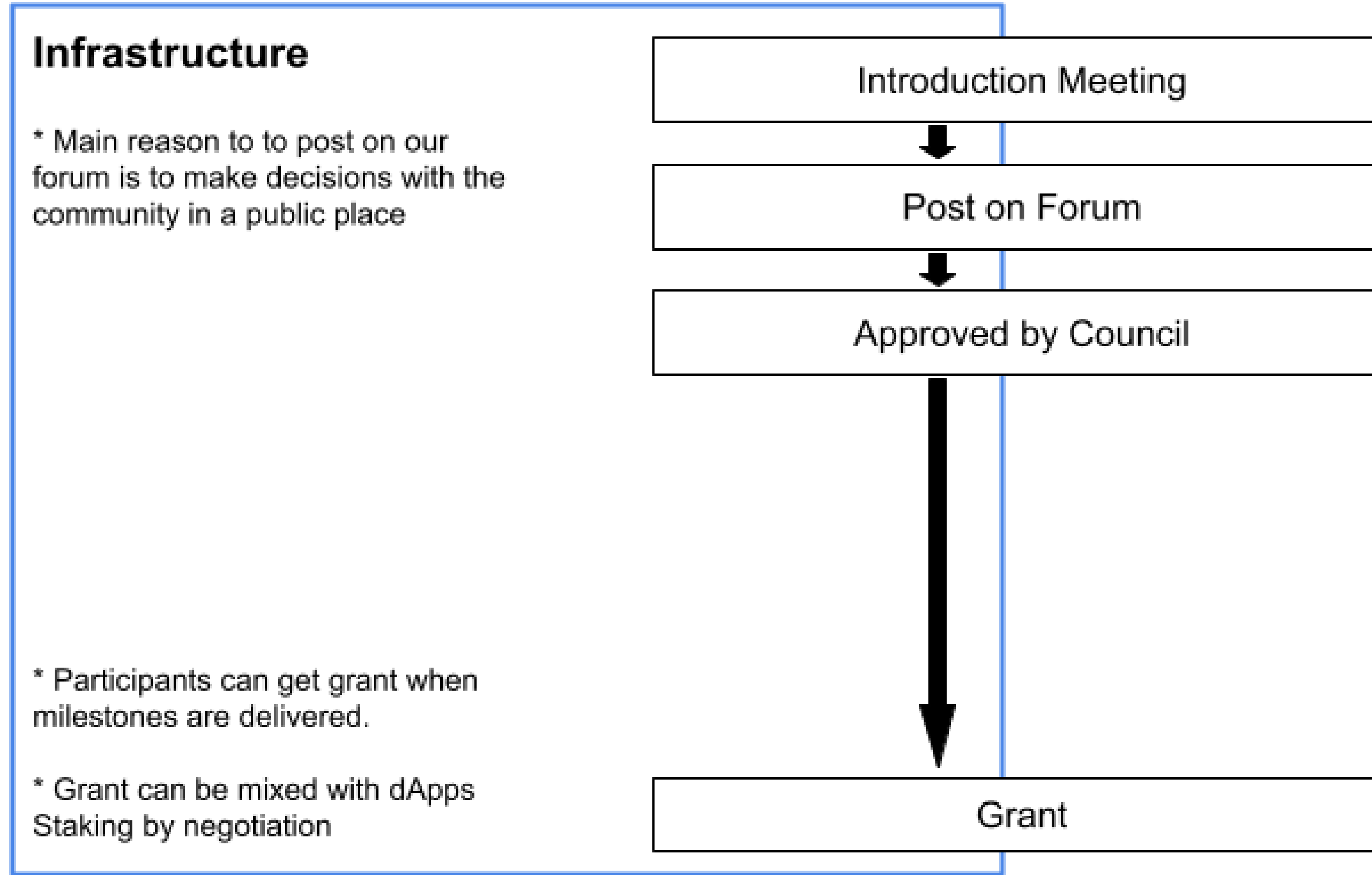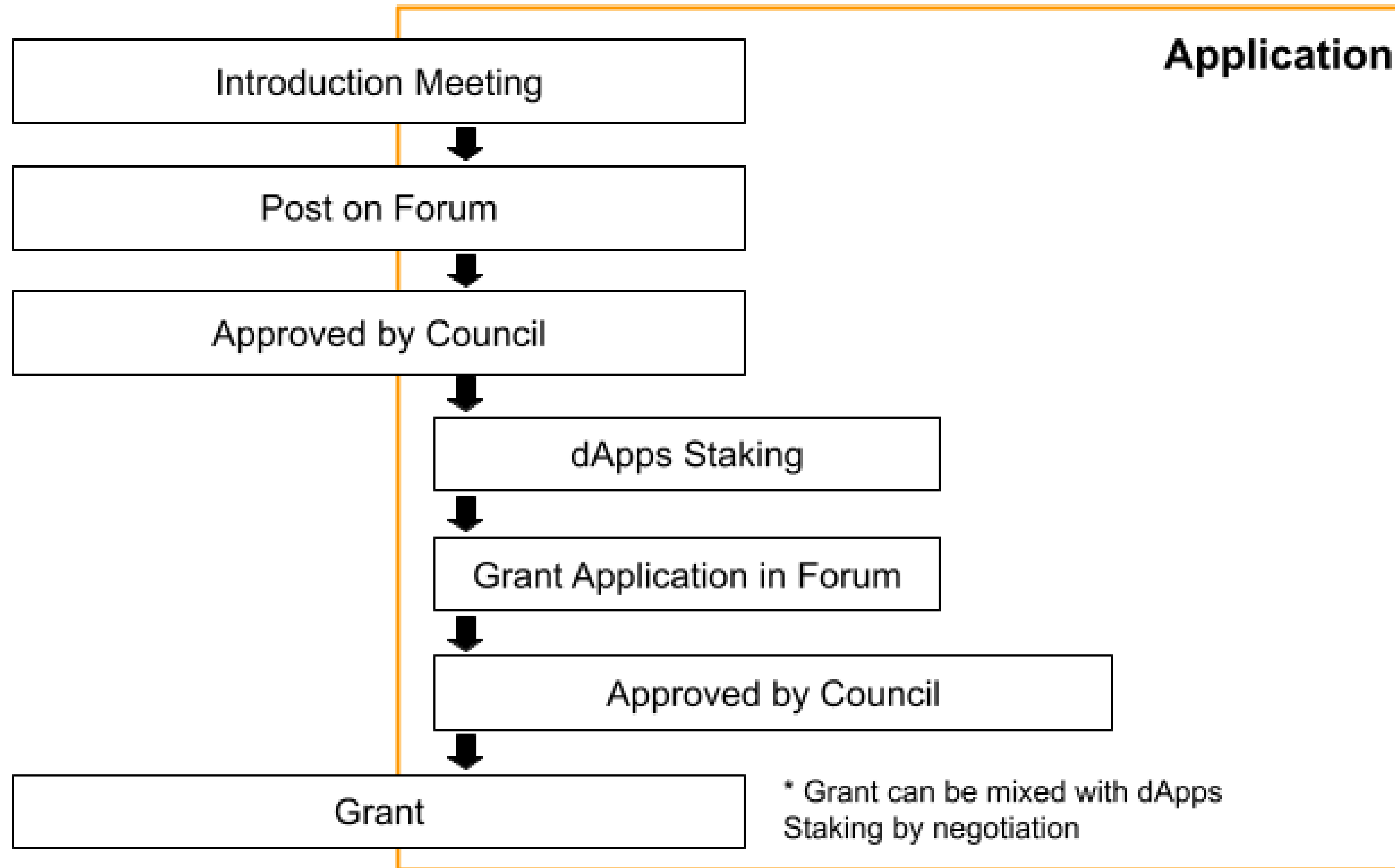# Layer2

Astar is scalable by design and supports multiple layer2 solutions like OVM and Rollups.

How Does The Program Work?

Infrastructure Track

Infrastructure

* Main reason to to post on our forum is to make decisions with the community in a public place

* Participants can get grant when milestones are delivered.

* Grant can be mixed with dApps Staking by negotiation

Introduction Meeting

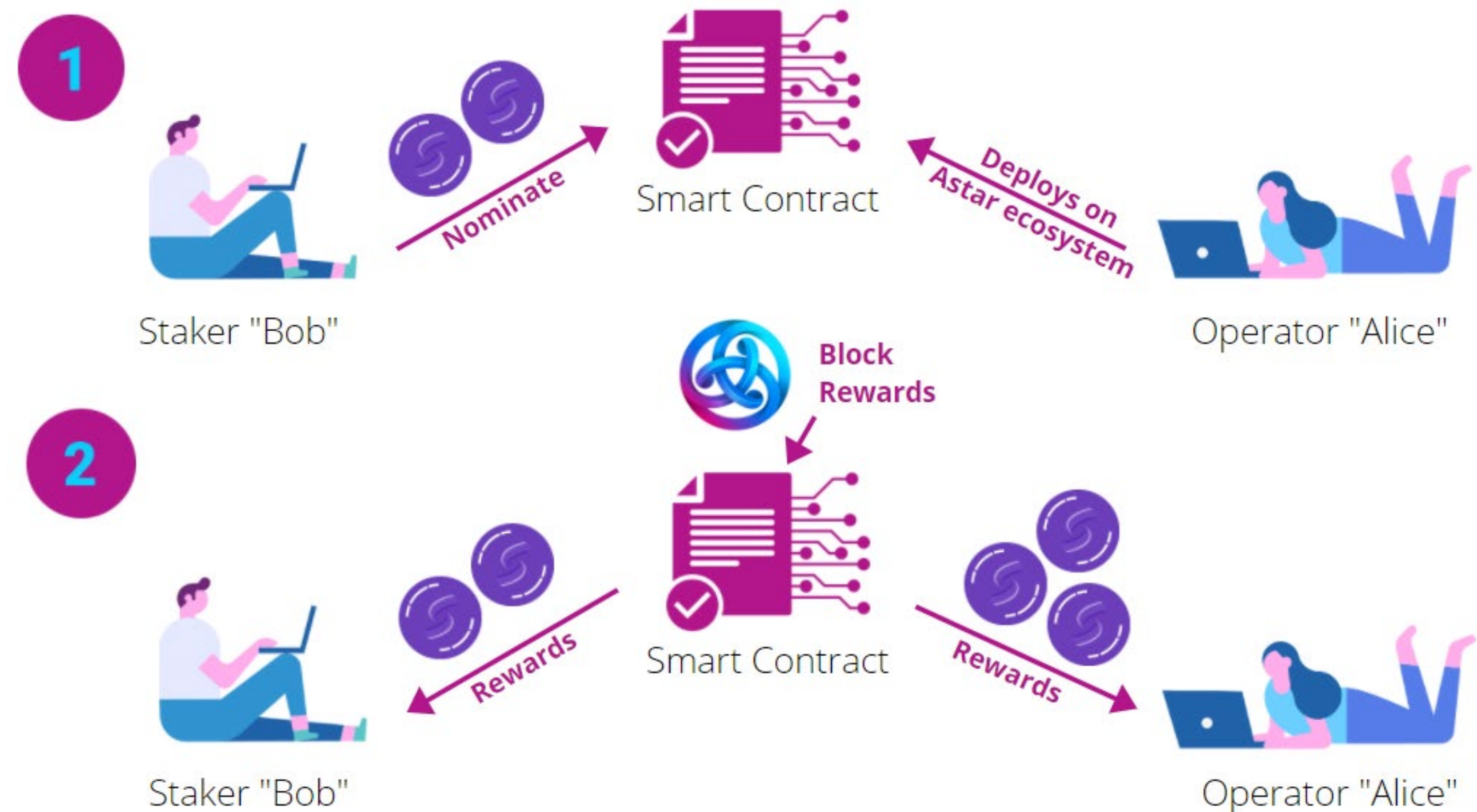Post on Forum

Approved by Council

Grant

Concept

How dApps Staking works:

1. Select a Smart Contract to stake (nominate)

2. The nominator and the smart contract operator who's nominated will gain economic incentives from Astar/Shiden that is proportional to the amount that has been staked
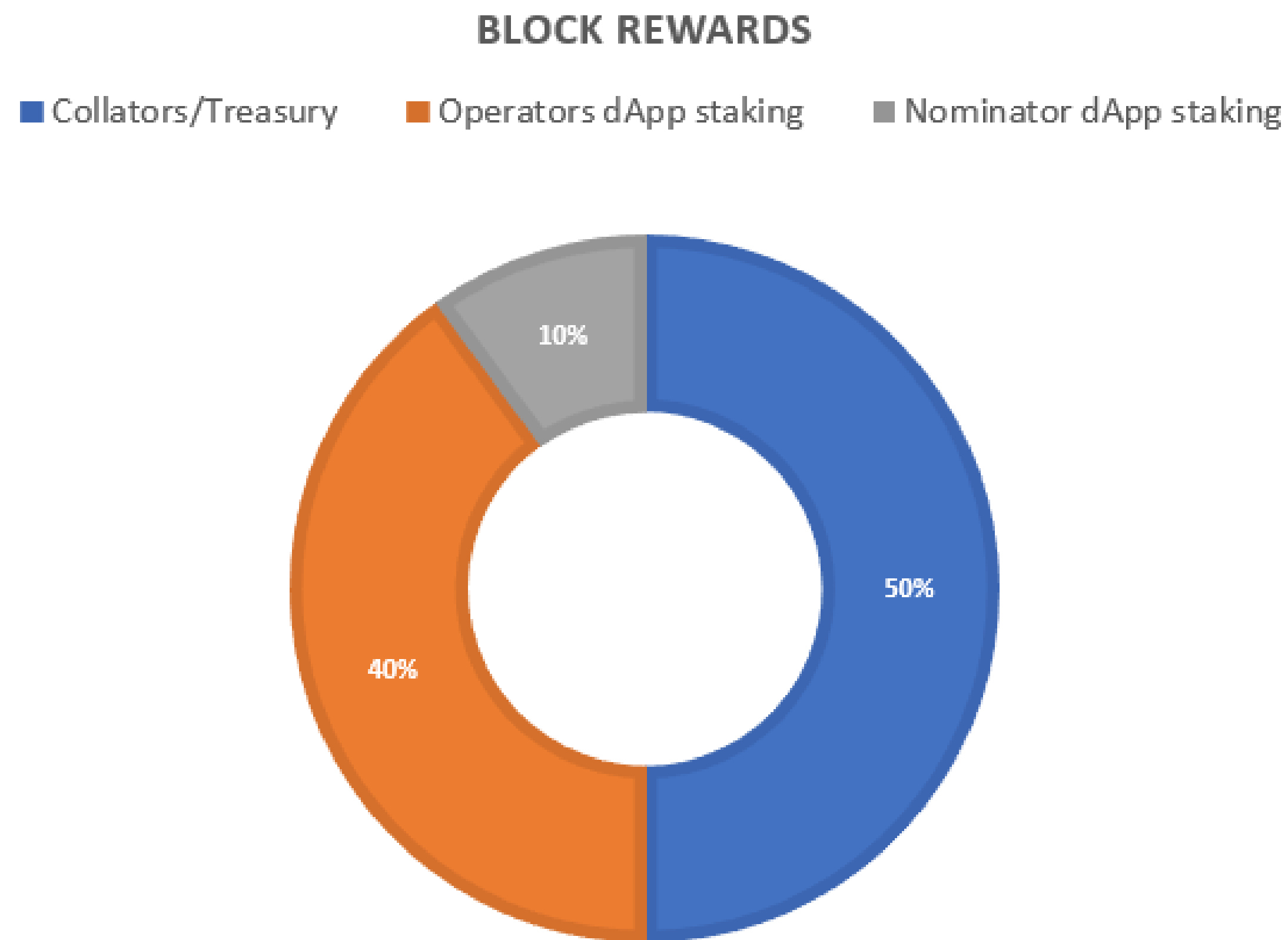
dApps Staking Return

Overview

At every block created on Astar/Shiden, the block rewards goes to:

- Collators/Treasury: **50%**
- dApps staking: **50%**

Operators: **40%**
Nominators: **10%**

BLOCK REWARDS

■ Collators/Treasury   ■ Operators dApp staking   ■ Nominator dApp staking

dApps Staking Example

Example

1. Let's assume that SDN has a price of **$5**. With a total supply of 70M this gives SDN a market cap of 70M.

2. We have **10% inflation** a year so that means after 1 year of running the blockchain (assuming no change in price), we would have created **35M USD worth of SDN tokens**.

3. **Total pool** for dApp staking at $5/SDN is **17.5M USD**: **14M USD for developers** and 3.5M USD for nominators,

If you get **1% of all nomination, you will receive 140k USD at the end of 1 year**. Now what if we help maintain the rate between 2%-5% of all nomination?

dApps Staking Support

Guidelines

1. We start nomination when 1st milestone is delivered or MVP.
2. We maintain the total % of stack between 2% and 5% for the decided period.

Nomination will be kept until:

- Fail of delivering milestones
- The end of decided period
- End of Growth Fund 1