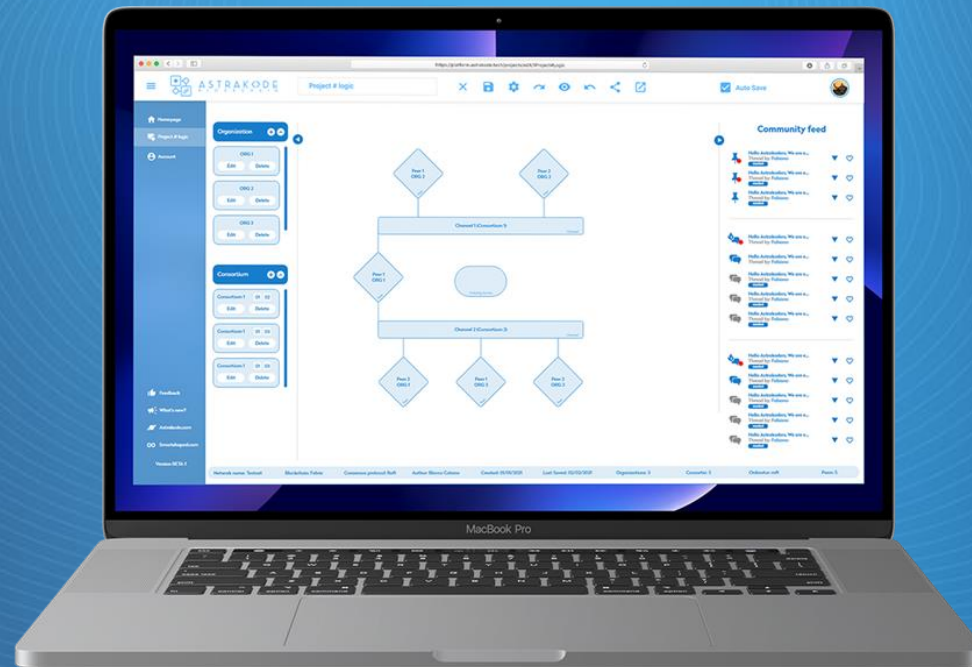


ASTRAKODE  
BLOCKCHAIN

From Idea to Production: the Blockchain Development Platform for Everyone






# Problem

Global spending on enterprise blockchain development is expected to reach **\$ 14 B** in 2025 (**\$ 87 B** in 2030).

However, currently **only 5%** of blockchain solutions ever make it to production!

## Main difficulties encountered while developing blockchain solutions:

-  Limited access to the technology due to **complexity** and **stack size**.
-  **Scarcity of qualified professionals** able to develop production grade solutions.
-  **Scarcity of documentation** and other similar resources.

# Solution

AstraKode Blockchain, a no-code platform for enterprise blockchain development based on **4 pillars**:

- **Network Composer**, a visual environment for network creation (Hyperledger Fabric).
- **Smart Contract IDE**, a visual environment for smart contracts development (Hyperledger Fabric, Solidity).
- **Assisted deployment, testing, and auditing** functionalities (Hyperledger Fabric, Solidity).
- **Built-in community** for peer-to-peer support and documentation/wikis.

# Design & Configure

The screenshot displays the AstraCode Blockchain IDE interface. On the left, a sidebar contains navigation icons and a list of components: Organizations (Acme), AstraKode, and Consortia (cons1). The main workspace shows a visual diagram of a channel named 'mychannel (cons1)' connected to two organizations: 'p1\_acme' and 'p1\_astrakode'. An 'Edit Channel' dialog box is open, showing settings for the channel, including Name (mychannel), Consortium (cons1), and Members (Acme, AstraKode).

- Design your solution via the visual IDE(s) that suits your needs (Network Composer and/or Smart Contract IDE)
- Quickly and easily configure the solution's key components, without forgoing customization. In the near future, fully customizable templates for complex use cases will allow any user to produce meaningful solutions in no time!
- All throughout this phase, the platform will assist you with real-time validation, guides, contextual help, and wiki links

# Generate & Download

### Network generation

Well done! Your project has been successfully generated!

Please, select whether you would like to download the project locally or deploy it via your cloud provider.

[Learn more](#) [Cloud Deployment](#) [Continue](#) [Close](#)

### Project Download

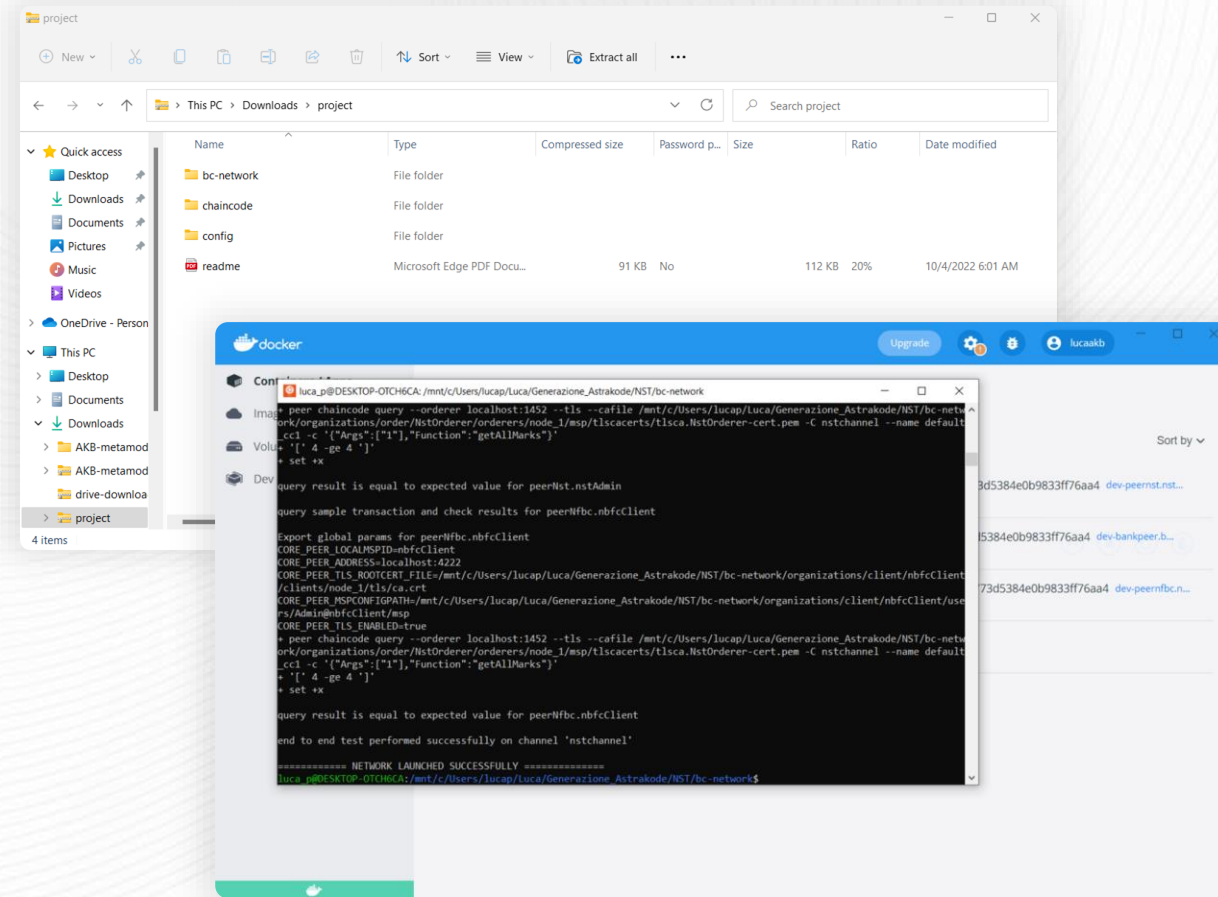
Congratulations! Your project is ready for download!

New to AKB? To run your project, click on the Instruction button below...

[Download](#) [Instructions](#)

- Generate your solution at any point in time during design/development, without limitations. This allows for agility, easy testing and validation, and rapid prototyping
- Download the source code to your machine or deploy it directly (testing suite, cloud, EVM blockchain), avoiding any lock-in. The code is and will always be yours, and there are no extra fees for execution or running!

# Guided Testing, Auditing, and Deployment



- Easily available and followable readme and custom scripts to explain how to easily run/install on local or distributed machines
- Cloud testing suite, automated testing/auditing with reports to be triggered on demand, extra pipeline to selected partners for in-depth auditing if needed
- Automated pipelines for cloud and blockchain deployment

# Roadmap



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C E R E S

**CURRENT VERSION: CERES**  
Network Composer (Beta)  
Smart Contract IDE (Alpha)



**Q1 2023**

**Major Update**

**Premium Features  
SC IDE Beta Version**



**Q2 2023**

**Major Update**

**Template Marketplace  
SC IDE Fabric Chaincode**



**Q3 2023**

**Major Update**

**Assisted Deployment  
Testing/Auditing Suites**



**Q4 2023**

**Major Update**

**Extra Tech Compatibility**

# Target Customer/User ID



**Company size:** any size, initial focus on startups and SMEs due to lower budget and higher propensity to experiment/innovate

**Sectors:** any sector with a use case fit (logistics, fintech, and agri food are biggest sectors ATM), the platform is general purpose so it will allow the implementation of any blockchain use case

**IT capabilities:** knowledge about processes and business logic

**Blockchain expertise:** fundamental understanding of technology and why it should be used to bring processes/services to the next level

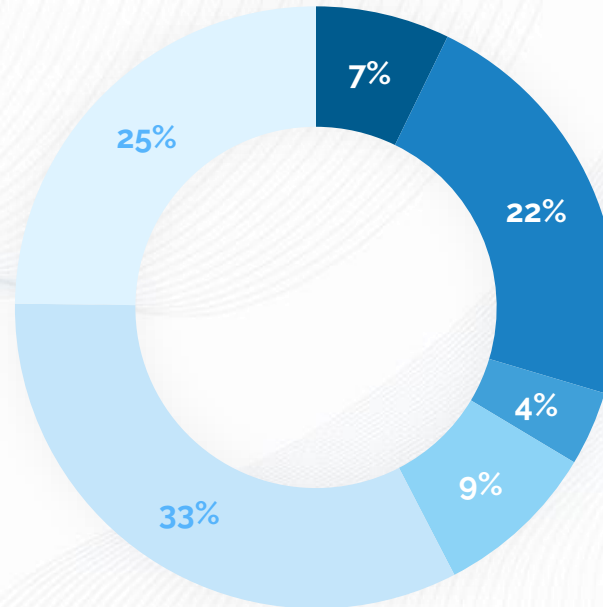
**End-users:** blockchain enthusiasts, analysts (accessibility), smart contract designers and developers (productivity), either working freelance or in an enterprise environment



# Traction

>150 active **B2B + Institutional Adopters**, >350 active **B2C** or other Adopters (>1200 total Adopters)

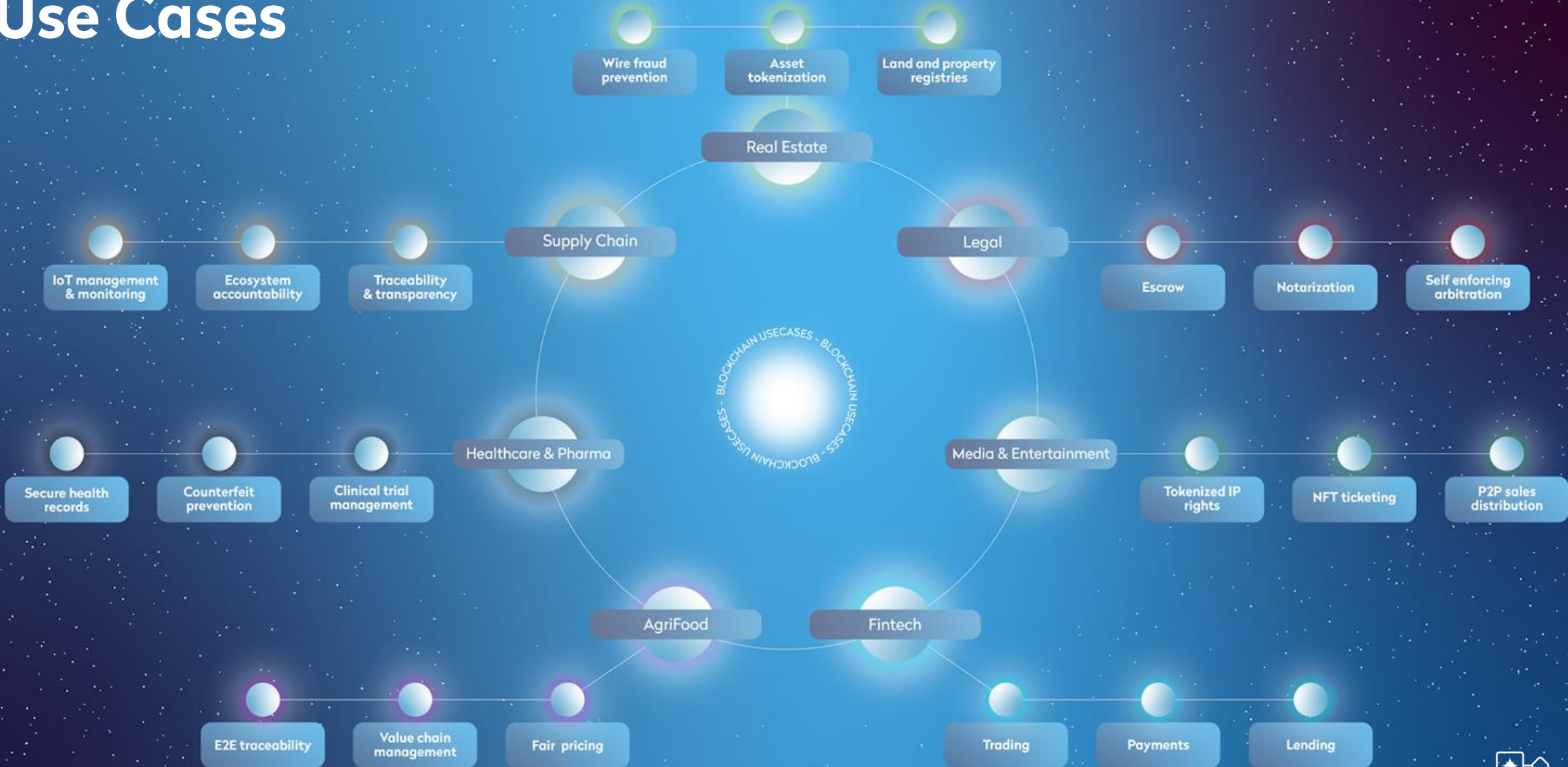
## Industries



■ AI ■ Education ■ Entertainment ■ Fintech ■ IT Providers ■ Other

Currently operating success cases in **fintech** (microfinancing, lending), **agri-food** (traceability, smart monitoring), **entertainment** (NFT ticketing), and **real estate** (BIM notarization), more pilots in the making in similar sectors as well as new ones (AI, IoT, supply chain)

# Use Cases



# Business Model

## SaaS FREEMIUM MODEL (U/M)

To guarantee more **accessibility**, the platform will have an extensive freemium perimeter as well as allow for each premium feature to be purchased separately.

The free perimeter will include Network Creator, Smart Contract IDE, and Testing/Auditing but is going to be limited in both:

**Scope:** e.g. limited access to the cloud testing environment

**Features:** e.g. limited amount of peers per organizations

**We are also open to piloting collaborations with outstanding projects!**

0€	FREE PACK	100€	DEV PACK	500€	ENTERPRISE
	Network composer and smart contract IDE	Network composer and smart contract IDE	Network composer and smart contract IDE	Network composer and smart contract IDE	Network composer and smart contract IDE
	--	Premium features	Premium features	Premium features	Premium features
	--	Solution testing on dedicated cloud environment	Solution testing on dedicated cloud environment	Solution testing on dedicated cloud environment	Solution testing on dedicated cloud environment
	--	--	--	Third-party cloud providers for deployment	Third-party cloud providers for deployment
	--	--	--	SLA support	SLA support

Final pricing has yet to be determined

# Current Partners

## EU Partners



## Education



## Acceleration



## Services





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