PELANOR

Litepaper 1.0

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"PELANOR empowers *all* people; bridging gaps & building stronger bonds between them."

-Christopher Coritsidis
PELANOR Founder

Note: This Litepaper provides the preliminary outline of a finance and e-commerce protocol powered by social networking known as Pelanor.

Readers will find a complete outline of the protocol in the forthcoming Pelanor Whitepaper.

UNBLOCKING BLOCKCHAIN

Trust — a key component in every system — is built when we acknowledge the unique value of others in our collective society.

Modern technology has made it easier to discover such value, linking people together from around the world at higher rates than ever before. Today, this great advancement in human connectivity has given rise to the major sectors of our global economy, yet few have seen the true benefits of its ingenuity.

In fact, every day we interact with large groups who profit off the value shared by people. Because these players act as gatekeepers of the world's major systems, we have little choice but to use their tools and engage in ways which favor *them* more than *us*.

Decentralized systems have the ability to close the value divide between people and conglomerates and achieve a more unified society without centralized control. Within these open systems, there is no need for blind faith in the power of the few.

The promise of blockchain technology is in the creation of a global system where value is equally accessible to all human beings and distributed in ways we can trust to benefit each and every one of us.

PELANOR is the next-generation Layer 2 protocol to advance blockchain technology for day-to-day use; allowing social, financial and e-commercial services to operate seamlessly on a single platform.

PELANOR is designed to perform independently and in cooperation with external networks. It unlocks a wide range of real-world use cases at scale, **creating new ways for people to produce, share and deliver value to one another across a global ecosystem.**

While many applications exist in the market, their design hinders mass adoption by a diverse population. They do little to effectively change many lives for the better.

PELANOR is different.

A unique framework with several distinct advantages over existing systems, PELANOR's *interconnectivity, scalability, hybrid governance, rewards model, multi-token complex and mobile application,* makes it not only *different.*

It makes it **better**.

PELANOR IS
BLOCKCHAIN
UNBLOCKED

Many Channels.
One Platform.

Is this the only application you'll ever need?

We think so.

Most Layer 2 applications require users to shift value on and off their platform to meet end goals, making them impractical and costly for daily use.

PELANOR is a multi-channel system, meaning it unites several applications on a single platform, allowing them to process transactions in parallel and exchange data-content between them on a high-security network.

Thanks to **PELANOR's** unique design, users may perform swaps of value around the world without need for a third party intermediary.

Connections are more transparent, exchanges more secure, and opportunities more accessible.

Being Better by Doing More Good.

Layer 2 protocols exist to enhance the utility of core blockchains. However, few have succeeded in gaining a following amongst the general public, concentrating the power of distributed networks to just a small group of stakeholders.

By bringing social, financial and commercial services together on a single platform, PELANOR delivers economies of scale through innovative design. This model removes adoption hurdles that occurred with earlier applications, limiting their real-world functionality.

PELANOR scales systems further by doing more on and off the blockchain. Thanks to smart security features and a high speed flash channel, the platform can support up to 100,000 transactions per second* without excessive fees and time constraints.

Capable of meeting the demands of a fast-paced world, PELANOR can support the needs of anyone.

Anytime.

Anywhere.
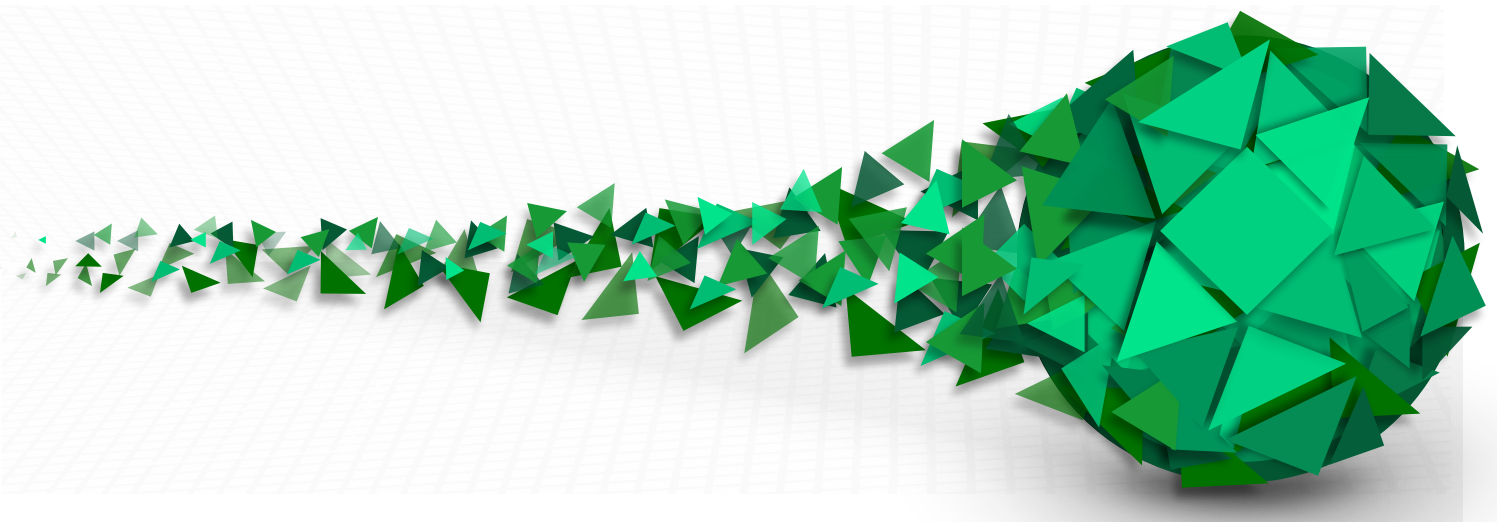
*Approximation based on forecasts as a Layer 2 application on Ethereum.

Bridging The Old & The New.

Thanks to network extensions, PELANOR is an ecosystem friendly to both centralized and decentralized entities. Network extensions enable seamless communication between external networks and the platform, allowing centralized systems to participate within a decentralized network without need for an entirely new infrastructure.

This 'plug and play' model serves to enhance the functionality of PELANOR in the real world, by creating secure channels through which value can be easily shared with satellite networks. As a true interoperable platform, PELANOR bridges The Old and The New in ways that are more secure, transparent, efficient and effective.
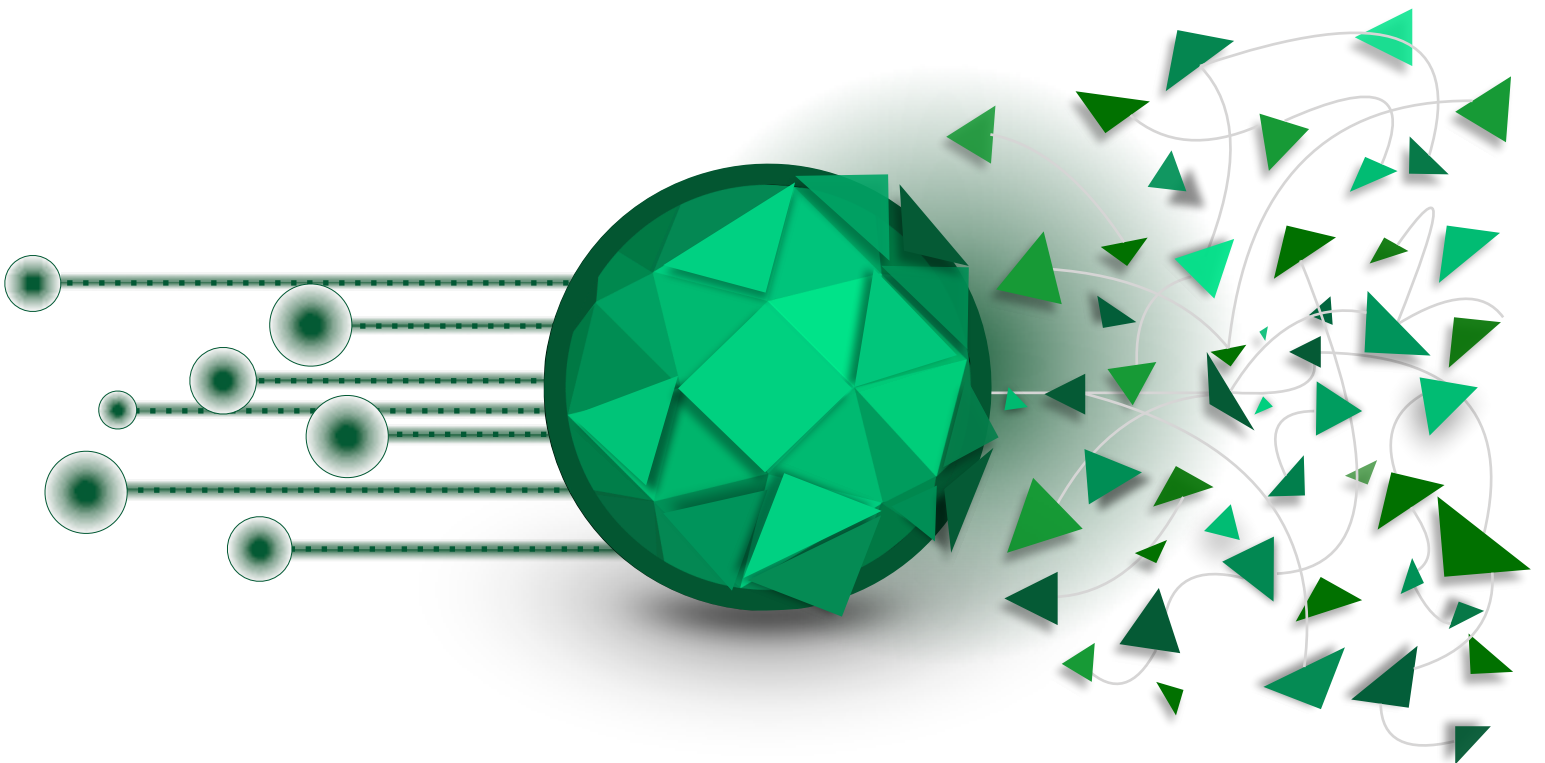
Powered by People

Most Layer 2 blockchain applications have no formal governance protocol in place. This leaves stakeholders powerless to propose or veto changes to a network which they contribute immense value to.

PELANOR is inclusive and recognizes all stakeholders. It is governed by anyone who holds its vote token in a fair and transparent way.

All stakeholders have the ability to shape the protocol and elect trustees who represent their interests within PELANOR's governance system.

For All People

PELANOR combines the best properties of traditional and decentralized governance systems. The PDAO*, an elected group of trustees chosen to represent the interests of stakeholders and maintain the integrity of the platform. The technical committee, composed of teams actively building PELANOR, may propose modifications to network trustees and, together, initiate fast-tracked voting to counteract malicious behavior.
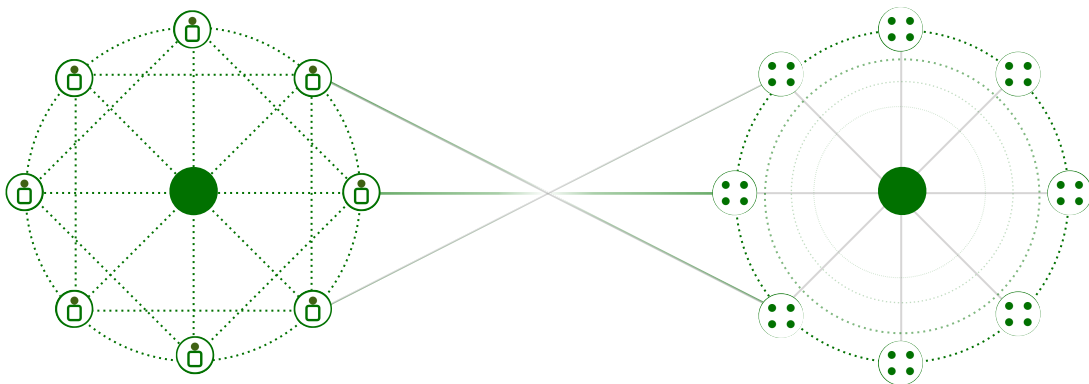
*Pelanor Decentralized Autonomous Organization

Speed. Security. Stability. Uncompromised.
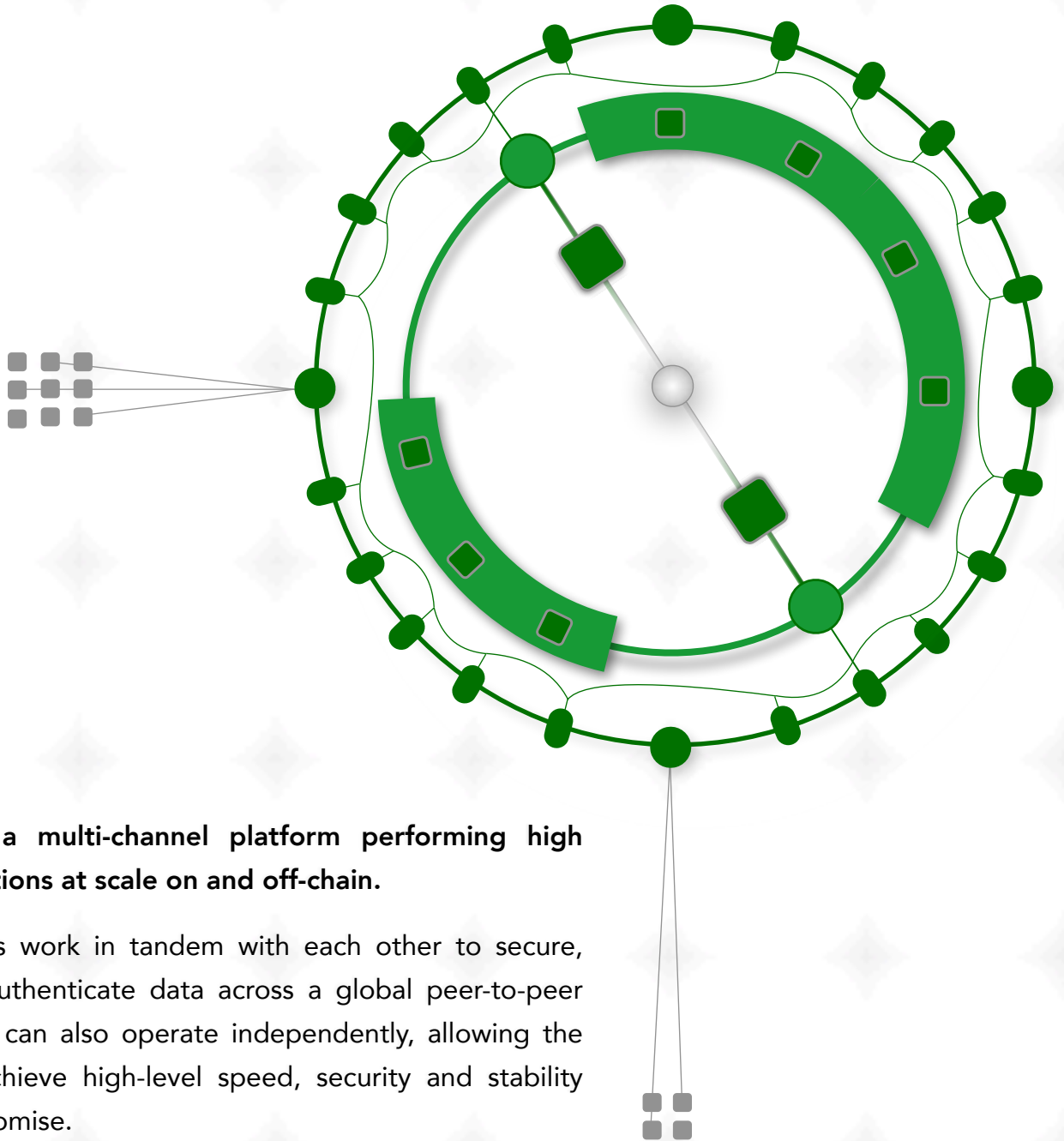
PELANOR is a multi-channel platform performing high speed transactions at scale on and off-chain.

These channels work in tandem with each other to secure, validate and authenticate data across a global peer-to-peer network. They can also operate independently, allowing the platform to achieve high-level speed, security and stability without compromise.
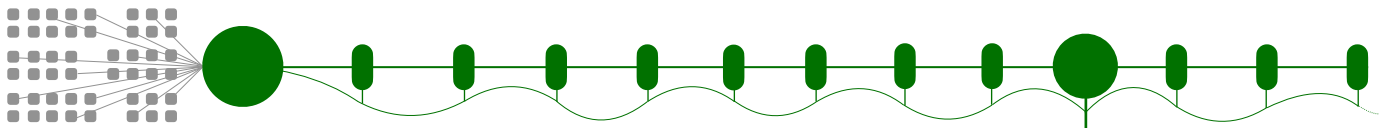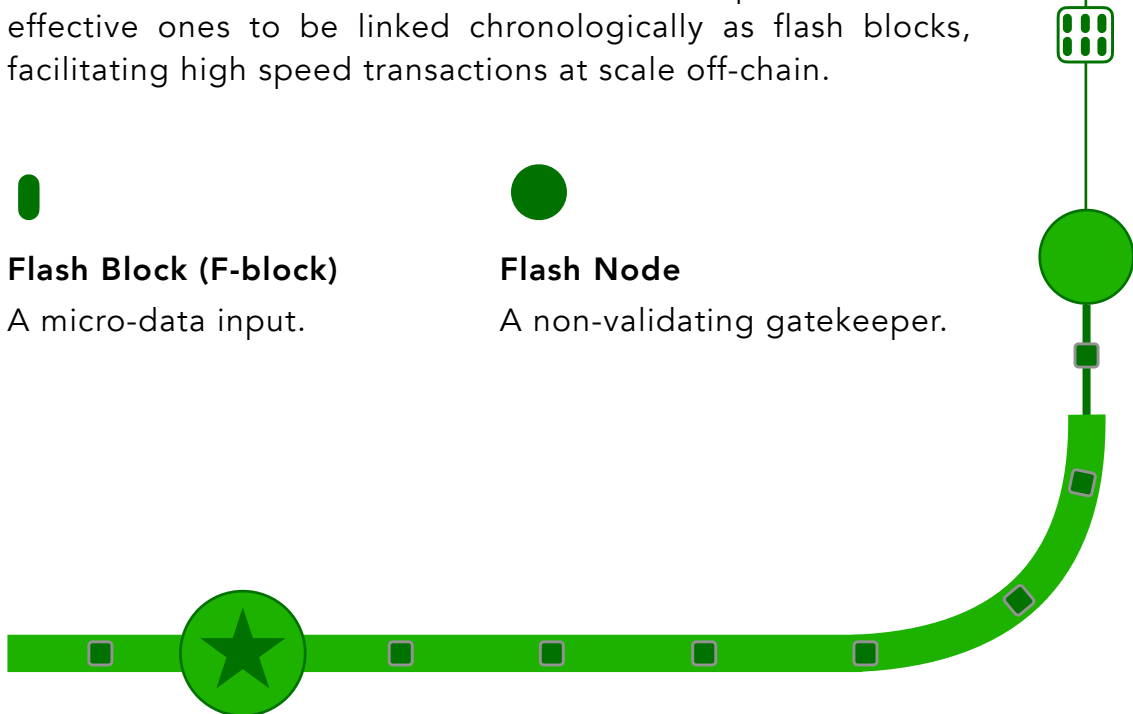
Tier 1: Flash Channel

Flash nodes review unvalidated micro-data inputs and allow effective ones to be linked chronologically as flash blocks, facilitating high speed transactions at scale off-chain.

Flash Block (F-block)

A micro-data input.

Flash Node

A non-validating gatekeeper.

Tier 2: Terminal Channel

Terminal nodes combine many flash blocks into a macro-data set known as a terminal block. An elected T-node then validates a T-block by achieving a majority consensus amongst Tier 2 nodes. Validated blocks are then broadcast to a core chain.

Terminal Block (T-block)

A macro-data set of F-blocks.

Terminal Node (T-Node)

Delegate transaction validators.

Fair Open Markets

**We believe people-powered systems should be of fair and equal benefit to everyone.**

Unlike most applications, PELANOR relies on people — *not algorithms* — to rate users and the quality of their shared input. Because rewards are issued by collective vote, members are motivated to only share the best of the best with their peers. On Pelanor, those who provide the highest value are the ones earning the greatest reward.

This collaborative approach makes it easy for every user to profit from PELANOR's rewards system. Members may collect rewards by actively participating in the moderation, maintenance and securitization of the platform. They also enjoy them passively by simply staking value to the network.

As a peer-to-peer system driven by fair open markets and decentralized governance, PELANOR is a protocol we can count on to generate and distribute value in ways we can trust again.

Its open-access platform gives way to new opportunities, ones allowing all of us to benefit from today's shared economy.

Unlocking Universal Value
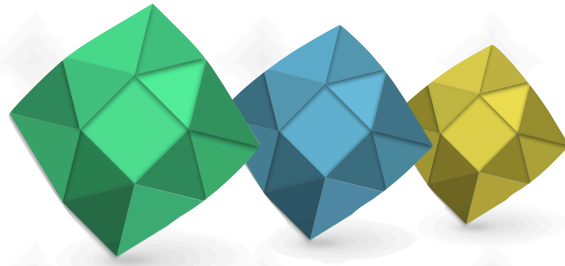
Are you a fan of casino economics?

Neither are we.

Exchanging value on any platform requires tools you can rely on time and again.

Most digital tokens remain unsuitable for real-time exchanges in the real-world. Their high volatility and low latency make them unappealing and too risky for the average person. Holding these assets is like a betting game — one most people cannot afford to play and lose.

PELANOR employs a three token system to secure and unlock value held across world economies:

Pelanor — The Money Token

Nora — The Vote Token

Rona — The Commodities Token

Soft-pegged to universally-accepted currencies, commodities and assets, each token represents an important piece of the PELANOR puzzle. They perform special functions based on their roles and come together to support a flexible, durable and reliable value exchange system.

In-Hand,
On-Demand.

PELANOR

A dynamic and easy-to-use mobile application, PELANOR brings the power of peer-to-peer networks directly to you anytime, anywhere.

Fully functional and flexible, the app delivers an array of social, financial and commercial services all in-hand and on-demand.

It's simple plug-and-play model gives users the freedom to focus on their specific interests on the platform, saving them substantial time and effort along the way.

PELANOR's mobile app provides universal access to the abundant resources of blockchain systems: enabling all people and building stronger bonds between them.

Built for Humanity

PELANOR originated as a protocol envisioned to empower the over 2 billion people worldwide outside traditional economic systems. With 924 million members of this population having internet accessible devices, the possibility of reducing deep-rooted disparities between these people and others has become a tangible reality by way of new, more accessible systems.

The mission of PELANOR is to move the world towards greater socioeconomic equality and inclusion. The platform is fueled by a constant drive to deliver positive impact and widen the net comfort and prosperity of all humanity.

Friends of PELANOR

PELANOR works with public and private partners to enhance the potential of blockchain systems. We are excited to collaborate with the following groups to develop the protocol's first use cases, and look forward to collaborating with other enterprises seeking to adopt the PELANOR platform.

Identity Review

Bloom

Veramo

NEOREACH

OPUS I FOUNDATION

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