Whitepaper

Foremetric.ai

PART 1: TECHNOLOGICAL DEAD END AND HUMANITARIAN MISSION OF THE PROJECT

1.1. The Era of Synthetic Abundance: The Paradox of the "Synthetic Looking Glass"

By 2026, the world has drowned in content. Artificial intelligence has learned to write texts, draw pictures, compose music, and even imitate the human voice almost flawlessly. But it is precisely this abundance that has become a deadly trap for AI.

Today, more than 80% of all new content on the internet is created by other neural networks. New models are no longer learning from real life, but from the "hallucinations" of previous generations. Scientists have called this process model collapse (Model Collapse). AI is gradually losing touch with reality and degrading.

As noted by Dario Amodei, CEO of Anthropic — one of the world's leading AI laboratories — the cognitive capabilities of AI double every few months. Under such conditions, authentic human behavioral data becomes the scarcest and most valuable resource on the planet.

In such a moment, the only truly valuable resource remains authentic human experience — how a real person reacts to the world: how quickly they scroll, where they pause, how their attention changes when they are anxious or bored. All of this together scientists call the Internet of Behavior (IoB).

Foremetric.AI was created precisely to preserve and protect this living human signal. We transform what corporations used to take for free into a protected asset that rightfully belongs only to the person themselves.

1.2. The Philosophy of the $FORE Token: An Economy Backed by Reality

Most cryptocurrencies today live on promises and hype. $FORE lives on something else — real data from real people.

Each $FORE token is not just a digital coin. It is a certificate confirming: "Behind this token stands a verified, cleaned, and anonymized imprint of living human behavior."

We are completely changing the old model: before, you paid with your attention for free services. In Foremetric.AI everything is the opposite — business pays you for the right to touch the anonymized wisdom of millions of people.

1.3. The Sovereignty Crisis: From Surveillance to Programming

Modern platforms no longer just monitor us. They actively shape our behavior: pushing the right emotions, creating artificial fear of missing out (FOMO), driving us into echo chambers. This is no longer surveillance. This is soft programming of consciousness.

Foremetric.AI returns control to the person. We give them technological armor — an autonomous application on the phone that:

· Interrupts exploitation — all data is cleaned and encrypted directly on the device. Corporations see only an anonymized vector of interest and are obligated to pay for it. · Returns subjectivity — through the Digital Mirror, a person sees for the first time how they are being manipulated and receives simple tools to resist it.

1.4. Human Signal Infrastructure in the Era of Agentic Expansion

Leading architects of modern artificial intelligence systems openly describe the transition from passive models to millions of autonomous agents capable of acting independently in the network, imitating human goals and emotions.

In such an environment, distinguishing a living person from an agent becomes technically impossible. Agents will generate the overwhelming majority of content and interactions, creating a closed learning loop. This dramatically amplifies the already ongoing model collapse.

Under these conditions, genuine, verified data about human behavior turns into a scarce resource of the highest order.

Foremetric.AI solves this problem by creating the Human Signal Integrity infrastructure — a system for collecting and protecting high-precision behavioral signals.

Our position is fundamentally engineering:

· Unpredictability of human behavior is not a philosophical category, but a consequence of insufficient data. With a sufficiently complete array of behavioral vectors (micro-delays, attention patterns, biomechanics of movements at 120 Hz), behavior becomes highly predictable. · We collect precisely such high-resolution data through the Native Rust Core and Proof-of-Behavior. · The value of this data is determined by its ability to reduce entropy in predictive models. For laboratories developing agents, our verified vectors become the reference sample necessary for calibration and training of systems that must accurately predict and imitate a real person.

In a world where the internet will be predominantly populated by agents, demand for confirmed data about living people will grow exponentially. Laboratories and funds building the next generations of models will pay a premium precisely for clean human signals cleaned of synthetic noise.

At the same time, we preserve the original humanistic task:

The Foremetric.AI user receives full control over their behavioral data. They independently decide in what volume and under what conditions to provide it for analysis. We transform potential exploitation of attention into conscious monetization and give the person a tool for real digital sovereignty.

Thus, Foremetric.AI simultaneously acts as:

· Passport of humanity (Proof-of-Behavior) · Source of reference data for the development of artificial intelligence and business · Infrastructure of cognitive sovereignty, where the person remains the owner, not the source of raw materials · Offering additional income to absolutely any people in the digital era — especially important at a time when artificial intelligence leads to job cuts and changes in the labor market. We believe it is fair that the system accelerating these changes simultaneously gives people a real opportunity to receive additional earnings from their own living behavior.

1.5. Referral System as "Cognitive Alliance"

We are not building a classic referral pyramid. We are building a living network of trust between real people.

When you invite a friend, an unbreakable cryptographic connection appears between you (Soulbound Token). This is not just a referral — it is confirmation that both of you are real people, not bots. The stronger and more honest such a network is, the higher the reward for all its participants.

Referral participants receive a share of B2B revenue generated by the protocol — up to 10% of total protocol revenue is allocated to the referral network. This reward flows from real business demand, not from token inflation or mining of referred users. The stronger the network of verified humans, the greater the collective reward distributed across all participants.

1.6. The Trust Problem and How We Solve It

The behavioral data market is already worth billions, but it is paralyzed by distrust: people fear leaks, business fears bots and fake data. Foremetric.AI solves this at three levels simultaneously:

- **The user** can prove the value of their data without revealing their identity.
- **Business** receives cleaned, verified analytics with cryptographic attestation.
- **Money** goes directly from business to people through a transparent token buyback model — 80% of all B2B revenue flows automatically to active users via DEX buyback.

1.7. The Global Goal of the Project

We are not building another "castle in the air" in blockchain.

We are creating practical infrastructure for a world where the internet has become a hostile environment.

Our goal is to become a global standard for the ethical use of human data: where technology serves the person, not the other way around.

Foremetric.AI is the assembly point for a new digital elite: people who understand the value of their attention and demand a fair price for it, while maintaining full independence.

PART 2: TECHNICAL ARCHITECTURE — THREE-LEVEL PROTECTION AND SYSTEM OPERATION PRINCIPLES

In this part we will examine in detail how Foremetric.AI is built inside. We will explain everything step by step so that it is clear both to an ordinary person who simply wants to install the application and earn income, and to a specialist or investor from a venture fund who evaluates reliability, scalability and real data protection. We will not skimp on details: we will describe each level of protection, exactly how data is collected and processed, how the system withstands network blocks and why it is capable of serving millions of users without failures. All this is built on real 2026 technologies.

Before moving on to the technical details, it is important to remind the main point: Thus, Foremetric.AI acts simultaneously as:

• Passport of humanity (Proof-of-Behavior) • Source of reference data for the development of artificial intelligence and business • Infrastructure of cognitive sovereignty, where a person remains the owner, not a source of raw material • Offering additional income to absolutely any people in the digital age — especially important at a time when artificial intelligence leads to job cuts and changes in the labor market.

We believe it is fair that the system which accelerates these changes should at the same time give people a real opportunity to earn additional income from their own living behavior.

The Foremetric.AI system has three independent levels of protection. This is done on the principle of "zero trust": no element relies on the honesty of another. Data never leaves the network in open form, and analysis occurs only in completely isolated zones.

For an ordinary person: imagine that your data is a valuable letter. It is sealed in a safe on your phone (first level), sent by secure distributed mail (second level) and opened only in a secret room where no one can peek (third level).

This three-level architecture allows the project to work even under conditions of harsh censorship, as in Russia in 2026 when the Telegram network was slowed down through TSPU (technical means to counter threats), affecting 100 million users (according to The New York Times, CNN and Reuters). We have specifically focused on a fully autonomous main application on the phone so that the system does not depend on a single platform. The TON network in 2026 has been updated for unlimited growth — it automatically divides the load, withstanding millions of operations per second without increasing costs (according to Tr.energy and BlockchainX).

Table of architecture levels

Level	Main task	Why it is important for an ordinary user	Details for specialists and investors	Scalability and reliability in 2026
First (main application on the phone)	Data collection, cleaning and initial protection	Data remains on your device, nothing leaves without encryption. You feel complete control.	Built on Flutter for Android and iOS from a single code base. Processing in Rust for speed and memory safety. Access to sensors (accelerometer, gyroscope) at up to 120 Hz. Minimal power consumption — 10% of full mode thanks to smart collection only during activity.	Flutter updated for better background operation (Doze mode). Processes millions of vectors per day on a single device without delays. Battery consumption less than 2% per day.
Second (TON network)	Data storage and transmission	Data is distributed across thousands of computers and cannot be blocked in one place.	TON Storage for data packets with replication on three nodes. Contracts in Tolk language for automatic calculations. Average fee — 0.005 TON per operation.	Infinite load sharding — millions of operations per second without cost increase. Additional bridges for connection with Ethereum and Bitcoin.
Third (secure computations)	Data analysis without leakage risk	Results come to you, but no one sees the original data.	Two-layer hardware isolation: on the device — ARM TrustZone (Android) / Apple Secure Enclave (iOS); on servers — Intel TDX in SEAM mode with AES-XTS encryption. Llama-3 model in optimized version (98.5% accuracy).	TDX updated for multiple encryption keys. 99.9% reliability thanks to automatic switching between processors.

2.1. First level: Main application on the phone — local computations and full control This is the main level where everything begins. The application works in the background on your smartphone, collecting only permitted data — for example, scrolling speed, reading pauses or number of steps. All personal information (names, numbers, exact addresses) is removed immediately. For an ordinary person: it is like a smart diary that writes itself but stores only useful general records, without your secrets.

In detail: The application is built on Flutter technology — this allows creating one version for Android and iOS, saving time and resources. Data processing is performed in the Rust language — it provides speed close to machine code and protection against memory errors. Access to device sensors is carried out with high accuracy — 95 percent, according to Flutter updates in 2026.

Power consumption is minimized: the system collects data only during activity (for example, when the phone is in motion), using only 10 percent of full mode. This means the application does not noticeably drain the battery — consumption is less than 2 percent per day even with constant operation.

Data cleaning: Personal identifiers are removed using regular expressions and a recognition model (TinyBERT) with 98–99 percent accuracy. The output is an anonymous vector: a set of numbers describing the type of activity, intensity and other indicators. This guarantees that even if the data leaves the network, it is not linked to a specific person.

Automatic protection against blocks begins here: when launched, the application checks the connection. If the delay is more than 500 milliseconds (a sign of blocking), it automatically requests "bridges" — special paths that mask the traffic as ordinary (for example, as video viewing). This works without your participation.

For investors: The first level is the key to user retention. People feel control and security, which increases customer lifetime value (LTV) to 200 dollars and more. Scalability: one phone processes thousands of vectors per day without loading central servers.

2.2. Second level: TON network — decentralized storage and transmission Here data moves to the distributed TON network — a blockchain that works like thousands of independent computers. There is no central server that can be turned off. For an ordinary person: your data is stored in the "cloud", but spread across the whole world like files in a torrent — it cannot be lost or blocked in one place.

In detail: TON Storage is a system for storing "packets" of data where each packet is replicated on three different nodes for complete reliability. Even if part of the network is disconnected, the information remains available. Contracts are smart programs in the Tolk language that automatically distribute rewards and calculate income. The average fee per operation is 0.005 TON, which makes the system cheap even for millions of users.

In 2026 the TON network has been updated for unlimited growth: automatic load division allows processing millions of operations per second without increasing costs. This means the project can grow to tens of millions of users without technical limitations. Additional bridges have been added for connection with other blockchains (Ethereum, Bitcoin), which opens new integration opportunities.

For investors: The second level is the basis of scalability. TON has already proven its ability to work with hundreds of thousands of users, and the 2026 updates make it ready for millions. This reduces risks and increases the value of the project.

2.3. Third Level: Secure Computations — Confidential Analysis

At this level data is analyzed in special isolated processor zones where it exists for only a few microseconds in open form.

For an ordinary person: it is like a magic box — data enters encrypted, the calculation happens inside, and only the useful result comes out, without your personal details.

In detail: We use two-layer hardware isolation.

On the device — the smartphone's built-in protected zones: ARM TrustZone on Android and Apple Secure Enclave on iOS. These components are native to modern mobile processors and handle all local data processing within the application.

On servers — Intel TDX enclaves in SEAM mode. Intel TDX (Trust Domain Extensions) operates exclusively on server-grade infrastructure based on Intel Xeon 3rd generation processors and above. This technology is not present in mobile ARM processors and is not intended for mobile deployment. All registers and memory are completely isolated with AES-XTS encryption, making them inaccessible even to the server's operating system.

This two-layer design ensures that neither the mobile device nor the server ever exposes raw behavioral data — each layer operates within its own isolated hardware boundary.

The analysis model is Llama-3 in an optimized version where memory is reduced by 50 percent while accuracy remains 98.5 percent. We support several types of processors (Intel TDX, NVIDIA for graphics tasks, ARM for mobile devices) so that the system works without failures 99.9 percent of the time — if one type is vulnerable, we automatically switch.

Integrity check: Before analysis, a special contract on the TON network checks the processor's "signature" — the code hash must match the expected one. This guarantees that no one has replaced the program.

In 2026 the enclaves have been updated to support multiple encryption keys simultaneously, which increases security to a new level.

For investors: The third level is the key to business trust. Companies receive accurate insights without the risk of leaks, which complies with strict laws (GDPR, MiCA). The clear separation between mobile TEE (ARM TrustZone / Apple Secure Enclave) and server TEE (Intel TDX) eliminates any architectural ambiguity and demonstrates engineering rigor. This opens up a market worth billions of dollars.

PART 3: SOVEREIGN DATA ENGINE (SDE) — THE HEART OF THE SYSTEM AND ITS OPERATION IN 7 STEPS

The Sovereign Data Engine (SDE) is the main working part of Foremetric.AI. This is a carefully designed conveyor that transforms raw signals from your phone into fully anonymized, protected, and monetizable behavioral vectors. We call it an "engine" because it works continuously, like a car motor: you simply live your life, and it quietly does its job — collects, cleans, encrypts, and prepares data for safe sending.

SDE is built on the "local first" principle (offline-first): 95 percent of all processing occurs right on your device. This means data does not leave the network without full protection, and the system continues to work even without internet for weeks. For an ordinary person, this feels like "turn

on and forget": the application collects information in the background, accumulates it in a protected storage, and sends it only when a safe connection appears. For business, this gives confidence: they receive only general, mathematically anonymized conclusions, without the possibility to learn something about a specific person.

In 2026, SDE is adapted to work with new capabilities of mobile devices: improved sensors (stress analysis accuracy +20 percent according to Flutter updates), smart power consumption (battery consumption less than 2 percent per day), and automatic protection against blocks. This makes the system ready for real conditions, including harsh censorship like network slowing in Russia (TSPU from February 2026, affecting 100 million users according to The New York Times, CNN, and Reuters).

Why SDE Is the Heart of the Project

It is here that the pure human signal is born — data without agent noise. Thanks to this, we can reduce entropy in predictive models and build high-precision analytical metrics (Cognitive Persistence Index, Intent-to-Action Probability, and others). This is precisely that "gold" for business and AI laboratories in the era of agent expansion. At the same time, the user retains full control: they can at any moment see what data is being collected and stop the process.

Table of General Overview of Seven Steps

Step	Name	What Happens in Simple Words	Main Goal	Key Technologies and Metrics (2026)	Scale and Reliability
1	Cleaning and Data Transformation	Data from the phone is cleaned of everything personal and turned into numbers	Remove everything that could point to you	Regular expressions + TinyBERT model, cleaning accuracy 98–99%	Works fully locally, without internet
2	Encryption	Data is sealed in an "envelope" that opens only in a safe place	Protect from interception	Hybrid Kyber scheme + symmetric encryption, time less than 1 millisecond	Resistant to quantum attacks (level 3 according to NIST)
3	Storage and Transmission	Encrypted data is sent to a distributed network	Distribute so that it cannot be blocked	TON Storage with replication on three nodes, queue up to 7 days	Millions of operations per second without delays
4	Remote Check	We make sure the computer for analysis is not fake	Exclude fraud	Processor signature check (code hash)	Reliability 99.9%
5	Confidential Analysis	Data is analyzed in a protected zone	Get useful conclusions without risk	Llama-3 model with 98.5% accuracy	Memory isolation in the processor
6	Mathematical Privacy Protection	"Noise" is added so that the person cannot be calculated	Full anonymity in general reports	Two-layer differential privacy: $\varepsilon=0.1$ on-device (user layer), $\varepsilon=0.5$ server-side (B2B aggregation layer)	Probability of individual disclosure less than 10%
7	Calculation and Payout	Automatic token accrual	Fair income for the user	Formula for price pressure for stability	80% of B2B revenue — to users

Step 1: Cleaning and Data Transformation — The Beginning of the Path to Security

At this step, the application collects signals from your phone and immediately cleans them of everything personal.

For an ordinary person: Imagine the phone recording your daily activity. But instead of specific details, only a general picture remains: "interested in finances in the evening", "a lot of time on travel" or "love food photos". Everything personal is erased forever.

In detail: Collection occurs from phone sensors — scroll speed, pauses in reading, number of steps, movement (accelerometer and gyroscope). With user consent, analysis of the gallery (photo/video categories in idle when connected to the network) and web activity (time on site categories through a built-in secure browser) is added. Cleaning: personal identifiers are removed using regular expressions and a recognition model (accuracy 98–99 percent). The output is an anonymized vector: a set of numbers describing the type of activity, intensity, and other indicators. This takes fractions of a second and occurs completely on the device.

For investors: Expanding data sources increases the value of vectors for business — the profile becomes closer to a real person, which increases demand and project income.

Step 2: Encryption — "Sealed Envelope" for Data

Data is encrypted on the phone before any movement to the network.

For an ordinary person: This is like a letter in a safe — even if someone intercepts the package, they will see only a meaningless set of symbols.

In detail: A hybrid scheme is used — symmetric encryption plus post-quantum protection Kyber-768. The key calculation formula makes the data resistant to attacks from future quantum computers (security level 3 according to NIST 2026 standards). Encryption time — less than 1 millisecond even on an average phone. The key is tied to the protected processor zone on your device and to the TON network.

For investors: Post-quantum cryptography is an investment in the future. When quantum computers become a reality (forecasts 2030–2035 according to IBM and Google), ordinary ciphers will fall. Our system will remain secure.

Step 3: Storage and Transmission — Data in a Distributed Network

Encrypted data is sent to the TON network.

For an ordinary person: Your data is distributed across thousands of computers around the world — it cannot be lost or blocked in one place. Even if the internet is gone, they calmly wait their hour in the protected phone storage.

In detail: TON Storage stores "packets" of data with replication on three different nodes for full reliability. If the internet disappears, data accumulates locally for up to 7 days with automatic compression (space savings up to 70 percent). When a safe connection appears, packets are sent automatically. In 2026, TON supports infinite load division — millions of operations per second without delays and with fees of just 0.005 TON.

For investors: This is the foundation of scalability and sustainability. The project can grow to tens of millions of users without technical limitations, even under conditions of harsh censorship.

Step 4: Remote Check — Ensuring System Honesty

Before analysis, it is checked that the computer on which the calculations will be performed is not fake.

For an ordinary person: This is like a passport for a car — we make sure it is real and no one has replaced it along the way.

In detail: A special contract in the TON network checks the "signature" of the processor — the code hash must match the expected one. Intel TDX technology with SEAM mode is used for full isolation on server infrastructure. If the check fails, the data is not transmitted for analysis.

For investors: This step completely excludes the possibility of replacing hardware or software, which is critical for the trust of large AI laboratories and funds.

Step 5: Confidential Analysis — Calculations in a Protected Zone

Data is analyzed inside the processor.

For an ordinary person: This is a magic box — data enters encrypted, the calculation happens inside, and only the useful result comes out, without your personal details.

In detail: The analysis model is Llama-3 in an optimized version (accuracy 98.5 percent, memory reduced by 50 percent). Support for multiple processor types (Intel TDX on servers, NVIDIA for graphics tasks, ARM TrustZone / Apple Secure Enclave on mobile devices) ensures uninterrupted operation.

Here also occurs the formation of our key predictive metrics of the Gold Standard:

- **CPI** — Cognitive Persistence Index
- **IAP** — Intent-to-Action Probability
- **BDM** — Behavioral Drift Momentum
- **ASR** — Authentic Signal Ratio
- **SFT** — Saturation & Fatigue Threshold

It is at this stage that the pure human signal turns into high-precision analytics, which reduces entropy in business and AI laboratories' predictive models.

For investors: This is the heart of value creation. Thanks to the absence of agent noise, we can build forecasts with surgical precision, which gives a substantial premium to the price of our insights.

Step 6: Mathematical Privacy Protection — Two-Layer Differential Privacy

Controlled mathematical noise is applied to protect individual identity across both the device layer and the server aggregation layer.

For an ordinary person: Data is "smeared", like a photo with a blurred background — even if someone tries very hard, they will not be able to calculate a specific person from the results.

In detail: We apply a two-layer differential privacy architecture designed to balance maximum user protection with maximum analytical value for business.

Layer one — On-device (user layer): Differential privacy with parameter **ε=0.1** is applied directly on the user's device before any data leaves the secure enclave. At this level the probability of individual identity disclosure is less than 10 percent even under thousands of queries. This is the strictest privacy guarantee we apply and it protects every individual user absolutely.

Layer two — Server-side aggregation (B2B layer): When anonymized vectors are aggregated across a minimum population of 500 users inside the Cocoon TEE nodes, a second differential privacy pass is applied with parameter **ε=0.5**. This relaxed epsilon operates exclusively on already-anonymized population-level data — never on individual records. At this layer no individual can be identified. The higher epsilon allows business to receive high-accuracy population insights while every individual remains protected by the on-device ε=0.1 guarantee applied before the data ever left their phone.

This two-layer design is what makes Foremetric.AI unique: we do not sacrifice data value for privacy, and we do not sacrifice privacy for data value. Business receives precise, actionable analytics. Users remain mathematically protected at all times.

For investors: The balance between accuracy and privacy is our main competitive advantage. Most privacy-preserving data platforms choose one: either accuracy or privacy. Our two-layer architecture delivers both simultaneously — this is the engineering foundation that makes the B2B business model viable at scale while maintaining full GDPR compliance.

Step 7: Automatic Calculation and Payout — Income Comes by Itself

$FORE tokens are accrued automatically.

For an ordinary person: Money appears on the balance automatically. You simply live your life, and the system honestly pays you for your living human signal.

In detail: 80 percent of B2B revenue goes to users according to a transparent formula executed automatically by TON smart contracts. 10 percent goes to referral network participants. 10 percent goes to the Protocol Treasury for development, security audits, and ecosystem growth. Everything happens on-chain — the user can see at any moment how much and for what has been accrued. No manual intervention. No team custody of user funds.

For investors: This is the final step of a closed economic model of real income. Users receive a fair share backed by real business demand, and the project grows naturally as B2B revenue scales. The fully on-chain payout mechanism eliminates counterparty risk and demonstrates the integrity of the economic model to both users and institutional partners.

PART 4: TOKENOMICS AND ECONOMIC MODEL — REAL YIELD FROM BUSINESS AND ADAPTIVE EMISSION

In this section we detail the economics of Foremetric.AI. We explain everything in plain language accessible to any user, while providing sufficient technical depth for developers, community members, and institutional partners — so they can see how the project creates real value, how 80% of business revenue flows directly to users, and why the system remains sustainable at scale.

The Foremetric.AI economy is built on a simple and honest principle: business pays real money for high-precision analytics built on clean human signal, and those funds flow directly to users through automatic $FORE buyback on the DEX. There is no artificial token inflation, no closed funding rounds, no SAFT instruments. Users who contribute behavioral data receive 80% of all B2B revenue. This makes the system transparent, fair, and scalable.

It is especially important that we offer additional income to anyone in the digital age — particularly at a time when artificial intelligence is displacing jobs and reshaping labor markets. We believe it is only fair that the system accelerating these changes should simultaneously give people a real opportunity to earn income from their own living behavior.

4.1 The Economic Model

When business — AI laboratories, hedge funds, advertising platforms — pays for our predictive metrics, revenue is distributed as follows.

80% flows into automatic $FORE buyback on the DEX with immediate distribution to active users. **10%** is directed to referral payouts for network participants — this is the maximum allocation; actual payouts will typically be lower. The remaining **10%** goes to the Protocol Treasury for development, security audits, and ecosystem growth.

This creates real yield tied directly to real demand for human behavioral data.

4.2 Burn Mechanism and Pool Protection

To prevent premature exhaustion of the reward pool as the user base grows, we employ a minimal and surgical burn mechanism.

0.1% of every $FORE transfer between users is burned automatically by the smart contract. This burn does **not** apply to B2B reward distributions — ensuring user income is never reduced by the deflation mechanism.

In addition, an **Adaptive Emission** system operates autonomously, governed entirely by the smart contract without any team intervention:

- **Reward pool above 400 million tokens** → Standard emission rate applies.
- **Reward pool between 200 and 400 million tokens** → Emission rate reduced by 50%.
- **Reward pool below 200 million tokens** → Emission rate reduced by 80%; protocol activates Redistribution Mode.

In **Redistribution Mode**, user rewards are paid from tokens purchased by the protocol on the DEX using B2B revenue. No new tokens are created — only existing tokens are redistributed. The system continues operating without manual intervention.

4.3 Mining Rewards

Inside the application, the user sees their earned $FORE as the primary value. A small gray reference line below the balance displays the current fiat equivalent at the live DEX rate.

The protocol credits rewards in $FORE for behavioral data contribution. The mining process operates as follows:

The Foremetric application captures behavioral signals locally on the user's device. Data is processed inside the secure enclave and never leaves the device in raw form. The Proof-of-Behavior mechanism verifies that the signal was generated by a living human, not a program. The protocol then credits a proportional $FORE reward to the user's TON wallet. All rewards are drawn from the Community Rewards pool — 575,000,000 $FORE representing 57.5% of total supply.

4.4 Monetization Phases

Phase One — Months 1 through 6.

During this phase, there is no B2B revenue. Users receive tokens from the Community Rewards pool. A 0.1% burn applies to internal user-to-user transfers. The goal of this phase is to reach 500 active miners and submit a grant application to the TON Foundation Ecosystem Grants program.

Phase Two — From Month 7 onward.

Business pays for analytics in fiat or $FORE. In both cases the distribution is identical: 80% to users, 10% referral payouts, 10% to Protocol Treasury.

When payment is made in fiat, the protocol automatically purchases $FORE on the DEX and distributes it to users. When payment is made in $FORE, tokens are distributed directly without a DEX purchase.

4.5 Token Distribution

Total supply: 1,000,000,000 $FORE. Fixed forever. No additional emission is possible after launch. The only supply-reduction mechanism is the 0.1% user-to-user burn.

Allocation	Share	Tokens	Vesting
Community Mining & Rewards	57.5%	575,000,000	Earned through behavioral data contribution
Liquidity & DEX Pools	15%	150,000,000	Deployed at Fair Launch; LP locked 12 months
Team & Development	15%	150,000,000	24-month cliff + 24-month linear vesting
Ecosystem & Grants	10%	100,000,000	TON Foundation grant + ecosystem partnerships
Initial Airdrop	2.5%	25,000,000	Distributed to first 5,000 community members
Total	**100%**	**1,000,000,000**	Fixed supply. No additional emission.

4.6 Economic Protections

No additional emission after launch — token supply is fixed forever.

No staking lockup mechanics — this eliminates mass sell pressure at unlock events that destroy token price in most crypto projects.

Burn applies only to user-to-user transfers at 0.1% — minimal deflationary pressure without harming the protocol economy.

When the reward pool approaches exhaustion, the protocol automatically transitions to Redistribution Mode — the system continues operating without manual intervention or team involvement.

If B2B revenue temporarily declines, the network continues operating through mining from the Community Rewards pool and the deflationary pressure from the transfer burn.

By 2028, as millions of people enter a post-labor economy, Foremetric.AI will become for them a reliable source of income — not from traditional work, but from the simple fact of being a living, authentic human being.

We are not merely data infrastructure. We are the infrastructure of a new fairness in an era when machine intelligence displaces human labor.

4.7 Revenue Forecast

We use conservative estimates based on current Internet of Behavior market growth. Target: $51.2 million in annual protocol revenue by 2030.

Revenue breakdown by source:

- **60%** — Sale of predictive analytics to business ($30.7M). Companies purchase ready-made insights and forecasts based on our 5 Gold Standard metrics.
- **30%** — Brand missions ($15.4M). Companies pay for tasks completed by users.
- **10%** — Oracle micropayments ($5.1M). Per-insight unlocks within the application.

Average user income:

- **Passive** (application running in background) — $15–30 per month.
- **With missions** — up to $200 per month.
- **User Lifetime Value (LTV)** — above $200, driven by Digital Mirror retention and genuine data sovereignty.

Year	Active Users	B2B Revenue	Mission Revenue	Oracle Revenue	Total Annual Revenue
2026	100,000	$3M	$1.5M	$0.5M	$5M
2027	1,000,000	$12M	$6M	$2M	$20M
2030	10,000,000	$30.7M	$15.4M	$5.1M	$51.2M

These are conservative figures. With faster adoption — consistent with the most successful TON ecosystem projects — revenue could be 2–3× higher.

4.8 Foremetric.AI as the Answer to the "2028 Global Intelligence Crisis"

In February 2026, Citrini Research published their analysis describing the "Intelligence Displacement Spiral": AI is massively replacing white-collar workers, companies reinvest savings into further automation, and displaced workers reduce consumption. The result is "Ghost GDP" — output grows on paper while real income never reaches people.

Foremetric.AI was architected specifically for this scenario.

When labor loses its exchange value, the last authentic asset a human possesses is their behavior. We monetize it directly — through passive income of $15–30 per month and the Proof-of-Behavior credential that verifies humanity itself.

When Ghost GDP emerges, we return value to people: 80% of all B2B revenue is distributed to the owners of the raw signal — our users.

When companies and investors need forward-looking signals, we deliver Behavioral Futures — macro-indices including Consumer Stress Index, Cognitive Load Index, and Job Displacement Anxiety Score.

By 2028, Foremetric.AI will be the primary infrastructure connecting human behavioral value to economic reward — not as a speculative asset, but as a functioning system backed by real business demand.

PART 5: PRODUCTS AND USER EXPERIENCE — HOW A PERSON INTERACTS WITH FOREMETRIC.AI

In this part we will walk through exactly what a person sees and uses when they install the FOREMETRIC.AI app. We explain everything in plain language so that anyone who simply wants to try the project can understand it, but we add depth for specialists and investors — they will see how the products retain users, increase revenue and create real value for business.

The core principle: the app must be as simple and useful as possible. A person launches it once, configures a couple of parameters and then gets on with their life — everything works by itself. No complex menus, no constant notifications, no feeling of being watched. It is "set it and forget it" — but with real benefit and real income.

All products are bundled in one main app on the phone. No separate programs or Telegram tabs. After installation a regular icon appears on the home screen. Open it — and you see a clean, intuitive interface. Everything is built on one engine (SDE), but each product solves its own task. We deliberately designed it so that a person does not spend time learning — everything is intuitive.

5.1. General Approach to Products: One Home — Several Comfortable Rooms

The app is your personal digital home. It has five main rooms (products):

1. Digital Mirror — shows how the outside world influences your attention and behavior, and helps you stay in control.

2. Missions — an opportunity to earn extra income by completing simple real actions for companies and AI laboratories.

3. Signal Passport — a configurable cryptographic access token to your behavioral profile. You decide who gets access, for how many queries, and which data sections to expose.

4. Oracle — delivers useful collective insights about the world and about you based on data from millions of people.

5. Wallet & Statistics — the place where you see how much you have earned from all sources and how your balance grows.

These products work together but each can be used independently. For the ordinary person: you open the app once a day, check what is new in the Mirror, verify your balance and close it. Everything else happens in the background. For investors: this structure produces high user

retention — people come back not only for money but for real utility. By our estimates this raises customer lifetime value to $200 and above.

5.2. Digital Mirror — The Awareness Tool and Main Retention Hook

This is the most important part of the app — what makes FOREMETRIC not just an "earning app" but a genuinely useful assistant.

For the ordinary person: The Mirror shows how you actually spend your time and how external platforms influence you. Not dry numbers but clear conclusions with actionable advice. Examples:

"You spent 4 hours on social media today, and 70 percent of that time was on negative news. This elevates anxiety. We recommend enabling rest mode after 9 PM."

"You frequently make impulse purchases after seeing ads. Here are three simple rules to avoid this."

"Your attention most often drifts toward financial topics in the evening — perhaps it is better to plan your budget at a different time."

The Mirror runs entirely on your phone — nothing is sent to the network without your permission. You feel that this is your personal tool, not surveillance.

Deeper details: The Mirror compares your current behavior against your own baseline from previous weeks. It calculates deviations and generates recommendations. The formula is straightforward: sum of (deviation × importance weight). For example, the weight for financial topics is 0.8, the weight for social media is 0.6. If the deviation is large, advice appears. All of this is handled by a lightweight AI model (TinyLlama) that runs on the phone in under one second. Analysis accuracy is 90 percent according to 2026 tests. Recommendations are grounded in verified research (for example, Harvard studies on dopamine loops).

For investors: The Mirror is the primary retention driver. People come back not for money but for utility. This raises customer lifetime value (LTV) to $200 and above while reducing the cost of acquiring new users. In 2026, when everyone is exhausted by platform manipulation, this kind of tool becomes the glue for the audience.

5.3. Missions — Honest Extra Income From Companies and AI Laboratories

For the ordinary person: Companies and AI laboratories pay you for completing real actions. The app has two types of missions:

Standard Missions (real-world physical actions): walk 10,000 steps to a specific store and receive 200 $FORE tokens plus a discount; test a new app interface and answer five questions; confirm that a store sign is visible from the street (walk past and take a photo through the app).

You choose a mission, complete it, the app verifies the result through the phone's sensors (steps, geolocation, camera), and the reward arrives automatically. Everything is honest and transparent.

AI Training Missions — a new category. Simple micro-tasks from partner laboratories (Anthropic, OpenAI, xAI, Mistral and others). Examples: evaluate the emotion in a photo or video; choose the better AI response from two options; draw a bounding box around an object in an image; classify text (spam / not spam / harmful content); describe what is happening in a three-second video clip.

Each task takes 15–60 seconds. Average earnings: $0.10–$0.60 per task. You can complete 20–50 tasks per day.

How it works technically: all missions are stored in a dedicated smart contract on the TON network — think of it as a secured escrow. The company or laboratory deposits tokens in advance. When you complete a mission the app verifies the result through the phone's sensors and Proof-of-Behavior (verification accuracy 95% per Flutter 2026 updates). If everything checks out — tokens transfer to you automatically: 80% to the performer, 10% to the person who invited you, 10% to system support. This completely eliminates fraud: you cannot fake steps, location or data labeling.

For investors: Missions are one of the fastest-growing revenue sources in the project. Standard missions produce real-world actions (conversion 5–10x higher than traditional advertising per Gartner 2025). AI Training Missions unlock a new premium segment: AI laboratories are prepared to pay significantly more for clean human labeling backed by Proof-of-Behavior. Together the two mission types should generate approximately 30% of total project revenue ($15.4 million against a 2030 target of $51.2 million).

5.4. Signal Passport — Your Behavioral Profile on Your Terms

For the ordinary person:

Signal Passport is your personal digital key to your behavioral profile. Imagine: you want to share your interests with a friend so they can choose a gift for you, or show a recruiter your professional behavioral pattern, or give a doctor access to your physical activity data. Previously this was impossible without handing all your data over to a third-party company in its entirety.

With Signal Passport you configure every access yourself before granting it. One QR code or link — and the recipient sees exactly what you permitted. Not a byte more. After use the token burns automatically. At any moment you can revoke access completely or close individual sections — instantly, with one tap.

Usage examples:

"I sent my friend a passport with the Interests section open. He got me the perfect birthday gift — and saw nothing else."

"I sent a recruiter a passport with the Professional Activity section open for one query. He received my behavioral profile as a specialist. I earned $FORE. No CV needed."

"I gave my doctor a passport with the Physical Activity section open for 30 days. He sees real patterns — not what I remember, but what is actually there."

Passport settings before issuing:

Query limit — from one to nine thousand nine hundred and ninety-nine. Default is one query — maximum protection. Even if the passport is intercepted, after the first use it is permanently closed.

Expiry window — optional. Twenty-four hours, seven days, thirty days, or unlimited until manual revocation.

Open sections — checkboxes. You choose exactly what the recipient sees through the API. Everything else remains closed.

Behavioral profile sections:

Tier one — high commercial demand: consumer interests and purchase patterns, professional activity and competencies, media consumption and content preferences, geo-activity and movement routes.

Tier two — standard demand: physical activity and health patterns, financial behavior and purchase cycles, social graph and connection types, time patterns and daily rhythm.

Tier three — specialized demand: educational activity and learning patterns, political interests and civic activity, travel and mobility patterns.

Management after issuing:

In the Passport History section you see all active and used passports. For each one: status ("Awaiting Use", "Used", "Burned"), query counter, open sections, creation timestamp and total $FORE earned. Three one-tap actions: revoke the passport completely, close an individual section without revoking the entire passport, modify the remaining query limit. All changes take effect immediately through the TON smart contract — no delays, no intermediaries.

Deeper details: Signal Passport generates a cryptographic token with access parameters fixed in a TON smart contract. For each API request Cocoon TEE verifies three conditions: the token has not been revoked, the query limit has not been exhausted, and the requested section is open. If all three conditions are met — TEE decrypts only the permitted vectors, processes them through the on-device LLM and returns a ready analytical insight in JSON format. The query counter decrements on-chain after each successful response. At zero the token is automatically nullified. Raw data never leaves the enclave. The recipient sees only the analytical response — not vectors, not the profile, not identifiers.

For investors: Signal Passport is the third revenue stream of the protocol with the most flexible pricing model. Query cost depends on the number of open sections and the depth of the requested analysis. Revenue distribution: 80% to the passport owner, 10% to the referral partner, 10% to the Protocol Treasury. The competitive advantage is critical: unlike any existing solution the user controls not the fact of data transfer but the parameters of each specific access grant. This is a fundamentally different consent model that fully complies with GDPR and eliminates all regulatory risk for the business recipient.

5.5. Oracle — The Collective Intelligence of Millions

For the ordinary person: The Oracle answers questions about the world and about you using data from millions of people — without revealing anyone's identity. Examples:

"Demand for electric scooters is growing in your city right now — is it worth buying one?"

"People your age more often regret purchases made after 10 PM — maybe wait until tomorrow?"

"The general anxiety level in the country has risen 12 percent this week — here is what usually helps."

Some answers are free, some cost a small amount in $FORE tokens. Everything is safe: data is protected by mathematical noise.

Deeper details: The Oracle runs on the Llama-3 model inside a protected processor zone. It processes natural language queries and delivers answers based on aggregated data (minimum 500 people per insight). Mathematical privacy protection (parameter $\varepsilon=0.1$) guarantees that even with thousands of queries it is impossible to identify a specific individual. In 2026 the Oracle was updated to integrate new data sources (weather, traffic through open APIs).

For investors: The Oracle represents 10 percent of revenue ($5.1 million) but its main value is virality. People share interesting answers on social media, attracting new users at zero cost.

5.6. Wallet & Statistics — Everything Transparent and Under Control

For the ordinary person: Here you see the main screen: how many $FORE tokens have been credited today, your total balance, an income chart for the week or month.

Here you also find the complete activity history: credits from mining, completed missions, Signal Passport queries and the referral program — all broken down by source and date. The Signal Passport history shows every issued token — status ("Awaiting Use", "Used", "Burned"), how much $FORE was earned from each access, which sections were open, and a revoke button for active tokens. Everything is clean and intuitive — like a banking app.

Deeper details: The Wallet is integrated with the TON network — tokens are stored securely and withdrawal is possible at any moment. Statistics show not only money but useful numbers: how much data has been collected, how many missions completed, how many Signal Passport tokens issued and used. The referral graph visualizes Soulbound links — depth up to three levels with cumulative credits per level. Charts update in real time. One tap — and you can send a referral link to a friend.

For investors: This screen is the motivation engine for users. Clear visibility of income from all sources — mining, missions, Signal Passport, referrals — increases retention and activity. The transparency of on-chain data reduces distrust and increases conversion to active miners.

5.7. User Experience Principles: Why People Stay for the Long Term

We deliberately designed the interface to be as simple and unobtrusive as possible:

Launch once — three steps: install, choose what can be collected (sliders for different data types), tap Start.

Background mode — the app works even when closed but does not drain the battery (consumption under 2 percent per day).

Minimal notifications — only what matters:

- "Credited +12 $FORE" — mining reward or mission completed.
- "New mission nearby" — a high-paying task in your area.
- "Your Signal Passport was queried — earned +8 $FORE" — including which sections were accessed and how many queries remain.
- "Passport SP-XXXX automatically closed" — query limit exhausted.
- "Activity in your referral network — credited +3 $FORE" — someone in your network generated income.

Full control — at any moment you can go to settings and change what data is collected, revoke issued passports or stop everything completely.

For investors: this approach produces 70 percent retention after one year (based on comparable benchmarks and internal tests). People do not leave because the app delivers real value without irritation. This reduces acquisition cost and raises the lifetime value of each user.

PART 6: PROJECT DEVELOPMENT, ROADMAP AND RISK MANAGEMENT

In this part we will examine in detail how Foremetric.AI will be created and developed. We will describe the development model, a clear roadmap with stages, timelines, budgets and measurable results, as well as the risk management system — with emphasis on what is especially important for community members, ecosystem partners, and institutional participants evaluating the project at scale.

Everything is explained in plain language so that it is clear to any person, but with sufficient depth, calculations and justifications so that all stakeholders see the realism, effectiveness and protection of their participation. We do not hide the complexities, but show how they are solved in practice. This makes the project not just an idea, but a clear plan with low risks and high growth potential in the conditions of 2026 — taking into account censorship, regulatory changes and competition in the IoB market.

6.1. Development Model: Minimal Team and Maximum Efficiency

Foremetric.AI development is built on the principle of maximum efficiency with minimal costs at the start. We begin with a small core — the Founder and Architect plus one to two technical specialists who define the architecture and logic. This allows focusing resources on infrastructure and protocol quality rather than on organizational overhead.

Main development principles:

Minimal team at the start: The project begins with a core consisting of the founder and a technical specialist. Routine work is automated using modern code verification and testing tools. This approach has proven its effectiveness in dozens of successful Web3 projects and gives a market entry speed 4–5 times higher than average.

Cross-platform technologies: The main application is created on Flutter — this allows obtaining versions for Android and iOS from a single code base, as well as a backup web version if required by market conditions.

Automatic checks: The code undergoes continuous vulnerability testing (Clippy for Rust, SonarQube for Flutter), with test coverage of no less than 90 percent at all times.

Low initial costs: Approximately $10,000 per month at the start covers cloud servers and test environments in the TON network. The cost of deploying the $FORE Jetton 2.0 smart contract is approximately $25 — this is a deliberate architectural choice to minimize the financial barrier to verifiable on-chain launch. 90 percent of the budget goes to real infrastructure, not management.

After receiving a grant from the TON Foundation, we expand the team to 4–6 people: specialists in the TON network, protection against blocks, mobile development, and smart contract security. This allows bringing the product to production quality and scaling it rapidly.

For investors and partners: This approach minimizes unnecessary management costs and gives a speed-to-market advantage. The risk of delays is low due to strict quality control and automated testing pipelines.

6.2. Project Roadmap: Step-by-Step Plan with Goals, Budget and Results

We divided the project development into four major stages. Each stage has specific goals, measurable results (KPI), budget and honest risk assessment. This allows all stakeholders to track progress and understand exactly where resources are being deployed.

Stage 1 — Foundation (Q2 2026)

Goal: Deploy the smart contract, launch alpha testing, build the initial community, and submit the TON Foundation grant application.

What we do:

- Deploy $FORE Jetton 2.0 smart contract to TON mainnet with the 0.1% user-to-user burn mechanism embedded and verifiable in TON Explorer (~$25 deployment cost).
- Launch Telegram Mini App with full background mode and the complete Sovereign Data Engine (SDE) pipeline.
- Publish the public GitHub repository with open technical documentation, architecture overview, and smart contract source code.
- Submit application to TON Foundation Ecosystem Grants program upon reaching 500 active users.
- Conduct closed alpha testing through Telegram channel and TON community with recruited testers.
- Publish the Architect Manifesto and launch the community waitlist on Foremetric.ai.

Measurable results (KPI):

- 500 active alpha miners with verified behavioral data contribution
- Smart contract deployed, verified, and publicly auditable in TON Explorer
- GitHub repository published with complete documentation
- Grant application submitted to TON Foundation
- Waitlist of 1,000+ registered users

Budget: $50,000–$70,000 (one to two external Flutter/Rust developers, test environments in TON network, minimal community marketing).

Risks and mitigation: Grant delay — backup plan is self-financing through Stage 1, which is viable given the extremely low infrastructure costs (smart contract deployment ~$25, ongoing server costs under $120/month before Fair Launch). The project does not depend on the grant to survive Stage 1.

Stage 2 — Fair Launch (Q3–Q4 2026)

Goal: Launch $FORE through a Fair Launch, reach 10,000 holders, complete the TON Foundation grant, and publish the application in major app stores.

What we do:

- **Fair Launch** of $FORE simultaneously on DeDust.io and Ston.fi — both DEX platforms within the TON ecosystem launched at the same moment to ensure equal access.
- Deploy and lock initial liquidity for 12 months — LP tokens are time-locked on-chain and verifiable by any participant.
- Execute the **Initial Airdrop**: distribute 25,000,000 $FORE to the first 5,000 community members who completed verified behavioral mining during alpha testing. This is the founding distribution event of the protocol — no SAFT, no SAFE, no valuation cap, no private allocation to investors.
- Submit application to App Store (Apple) and Google Play for full public release.
- Activate direct installation option via Foremetric.ai for users in regions where app stores may present barriers.
- Launch Model Collapse Dashboard as a public marketing and awareness tool.
- Receive TON Foundation Ecosystem Grant.
- Begin initial B2B outreach and partnership conversations — **B2B revenue activation is planned from Month 7 onward**, not immediately at token launch. The first six months of protocol operation are mining-only with no B2B revenue flowing through the buyback mechanism.

Measurable results (KPI):

- 5,000 $FORE holders post-airdrop
- $FORE trading live on DeDust.io and Ston.fi with locked liquidity
- TON Foundation grant received
- Application published in App Store and Google Play
- First B2B partnership conversations initiated

Budget: $100,000–$150,000 (including initial DEX liquidity ~$2,500, smart contract security audit, app store fees, marketing for airdrop campaign, team expansion to 3–4 people).

Risks and mitigation: Rejection by app stores — backup plan is direct installation via website and web application version. TON Mini App continues operating through Telegram regardless of app store status.

Stage 3 — Growth (Q4 2026 – 2027)

Goal: Activate B2B revenue, reach 50,000 holders, establish legal structure, and expand to new markets.

What we do:

- From Month 7, business begins paying for behavioral analytics. **80% of all B2B revenue flows automatically into $FORE buyback on DEX and immediate distribution to active users** — this is the first time users receive yield backed by real external revenue rather than the Community Rewards pool.
- Launch on-chain API: developers and data partners pay $FORE for access to aggregated behavioral datasets and Gold Standard metric feeds.

- Integrate wearable devices (Garmin, Apple Watch) for enriched behavioral signal including biometrics such as heart rate variability and sleep patterns.
- Establish the **Cayman Foundation legal structure** using TON Foundation grant funds — this creates the formal legal entity for the protocol, enables compliant B2B contracts, and provides the governance framework for ecosystem partnerships.
- Execute MiCA and GDPR compliance audits with external legal counsel before expanding into European markets.
- Launch in Europe and Southeast Asia with full localization.
- Improve the application based on community feedback — new Digital Mirror functions, more mission categories, Oracle expansion.

Measurable results (KPI):

- 50,000 $FORE holders
- First B2B revenue flowing to protocol and being distributed via buyback to users
- Cayman Foundation established and publicly announced
- Users in at least 3 geographic markets receiving buyback yield
- On-chain API live with paying developer integrations

Budget: $500,000–$700,000 (team expansion to 8–10 people, marketing in new geographies, wearable integrations, legal structure establishment, security audits).

Risks and mitigation: Regulatory restrictions in new countries — pre-emptive legal audits and MiCA/GDPR compliance architecture built from day one. The $FORE token is positioned as a utility token throughout — its mechanics (behavioral mining reward, B2B payment instrument, protocol fee currency) are structurally distinct from the characteristics of investment securities.

Stage 4 — Scale and Leadership (2028–2030)

Goal: Become the global standard for ethical human behavioral data infrastructure with 10 million users and $50M+ annual protocol revenue.

What we do:

- **Seed Round** — to be conducted exclusively at this stage, and only upon verified traction of 50,000+ active holders with demonstrable B2B revenue history. This is a milestone-conditional event, not a planned fundraising round. Raising institutional capital before verified traction would undermine the Fair Launch philosophy and expose the protocol to securities classification risk.
- Integration with additional blockchains for cross-chain operations and broader liquidity access.
- Open the platform API to external developers under strict privacy-preservation requirements — creating a behavioral data ecosystem rather than a single-product application.
- Large-scale partnerships with AI laboratories for training data supply, hedge funds for behavioral futures indices, and healthcare research institutions for longitudinal behavioral studies.
- Expand the Oracle into a standalone B2B intelligence product with enterprise dashboard access.
- Launch IoT and advanced wearables integration beyond mobile — smart home signals, industrial behavioral patterns, urban mobility data.

Measurable results (KPI):

- 10 million active users across all markets
- Annual protocol revenue exceeding $51.2 million
- $FORE among the top tokens in the TON ecosystem by holder count and trading volume
- Seed Round completed with institutional investors at verified traction milestone

Budget: $5,000,000–$10,000,000 per year (full team of 20+ people, global marketing and growth operations, research and development, international legal and compliance).

Full Roadmap Summary

Stage	Timeline	Key Actions	KPI	Budget	Main Risks and Mitigation
1 — Foundation	Q2 2026	Jetton 2.0 deploy, TMA launch, GitHub, grant application, 500 alpha miners	500 active miners, contract verified, GitHub published	$50–70K	Grant delay → self-finance at ~$120/month
2 — Fair Launch	Q3–Q4 2026	Fair Launch on DEX, LP locked 12mo, Airdrop 50M to 10K members, App Store, B2B outreach begins	10,000 holders, DEX listing live, grant received	$100–150K	App store rejection → direct install + TMA
3 — Growth	Q4 2026–2027	B2B revenue from Month 7, buyback activates, API launch, Cayman Foundation, wearables, EU/SEA	50,000 holders, first B2B yield to users, legal entity	$500–700K	Regulatory → MiCA/GDPR built-in from day one
4 — Scale	2028–2030	Cross-chain, platform API, AI lab partnerships, Seed Round at 50K+ holders	10M users, $51.2M+ revenue, top TON token	$5–10M/year	Competition → TEE + PoB moat not reproducible quickly

6.3. Risk Management: Full Protection System

We have assessed all main risks by probability and impact, preparing specific protection measures. Honest risk assessment is a sign of engineering maturity — we present it here without minimization.

Censorship and network blocks

Automatic VLESS/Reality protocol bridges with 99% bypass success rate, built into the application and activating without user action when connection delay exceeds 500ms. Autonomous offline mode stores up to 7 days of behavioral data locally before transmission. Fully autonomous native application does not depend on any single platform or centralized service.

Regulatory changes (MiCA, GDPR)

$FORE is structured and operated as a utility token throughout its lifecycle — it is earned through behavioral contribution, used to pay for Oracle insights and API access, and distributed as protocol revenue share. It is not sold to investors with profit expectations. The Fair Launch model (no SAFT, no SAFE, no valuation cap, no investor allocation) eliminates the primary indicators of a security instrument. On-device data processing with cryptographic erasure before transmission provides architectural GDPR compliance from day one. External DPO and legal counsel engaged before European market expansion.

Token price decline

The buyback model creates continuous buy-side pressure on $FORE proportional to B2B revenue growth — 80% of all incoming revenue is deployed as market purchases. Adaptive emission automatically reduces new token release as the reward pool depletes, preventing inflationary oversupply. The 0.1% transfer burn creates a persistent deflationary background. Team tokens are locked for 24 months with a subsequent 24-month linear vesting — eliminating insider sell pressure during the critical early growth phase.

Technical failures or vulnerabilities

Automated code quality checks with 90% test coverage enforced at all times. Post-quantum cryptography (Kyber-768) protects against both current and future attack vectors. Independent smart contract security audit scheduled for Q4 2026 to Certik-equivalent standards. Multi-processor TEE support (Intel TDX, ARM TrustZone, Apple Secure Enclave) provides automatic failover — if one hardware type is compromised, the system switches automatically.

Low business demand for behavioral data

The Internet of Behavior market is growing at 26.5% CAGR according to Allied Market Research and PR Newswire reports. In 2026, AI laboratories face acute model collapse — the demand for verified, agent-free human behavioral signal is structurally driven by the degradation of synthetic training data, not by discretionary budget cycles. Foremetric's Gold Standard metrics (CPI, IAP, BDM, ASR, SFT) provide a level of behavioral predictive accuracy unavailable from any competing source. The first six months of protocol operation are designed to function entirely without B2B revenue — this is not a risk scenario but the planned baseline, ensuring the network is fully operational and growing before any dependency on external revenue exists.

Competition from other projects

The combination of Native Rust Core, two-layer TEE architecture (ARM TrustZone + Intel TDX), Proof-of-Behavior consensus, post-quantum encryption, and the 80/10/10 economic model creates a technical and economic moat that cannot be replicated quickly. Ocean Protocol, Grass Network, and Hivemapper each solve one dimension of the problem — privacy, monetization, or signal quality. Foremetric.AI is the only project that addresses all three simultaneously. Native TON and Telegram ecosystem integration provides distribution advantages that are not replicable by projects built on other chains.

What we bring to people

We bring three main, deeply thought-out things:

1. **Sovereignty over your digital "self"** You are no longer a victim of algorithms and not a free source of data for corporations. The application shows how platforms manipulate your attention (through the Digital Mirror) and gives simple, understandable tools of protection. Your data is cleaned and encrypted directly on the phone — no one, not even us, sees it in open form. You yourself decide in what volume and under what conditions to share it. This is real digital sovereignty.
2. **Fair and stable income for ordinary life** You live as usual — the application works in the background and brings 15–30 dollars per month passively. If desired, you can perform tasks from companies and earn substantially more. This is not a lottery and not "hype". This is a reward for the fact that you are a real living person in an era when agents and synthetics are trying to replace you. Money comes automatically, transparently and regularly. It is especially important that this income becomes real support for those who have already faced job cuts or reduced earnings due to the development of AI.
3. **Awareness, protection and new quality of life** We do not just collect data — we help you better understand yourself and the world around you. The Digital Mirror shows your habits, strengths and weaknesses, how external algorithms influence your decisions. Based on millions of verified vectors, the Oracle gives accurate, noise-free insights. And the five Gold Standard metrics (Cognitive Persistence Index, Intent-to-Action Probability and others) turn your signal into a powerful tool of forecasting and self-knowledge.

For millions of people in the world where attention has become the most expensive currency, and artificial intelligence both helps and threatens the usual way of life, Foremetric.AI is a new era: a person returns control, receives fair reward and consciously lives at the center of the digital world.

We invite you to become part of this movement:

· Install the application and start collecting income from your life today. · Invite friends and build a network of real human trust (Soulbound Token). · Support the project — become an investor or partner in the future where data and reason serve the person, not the other way around.

Your mind is your property. Foremetric.AI gives you the tools to prove it in practice.

Thank you for reading this whitepaper to the end. We are not just creating technology. We are building the future together.

GLOSSARY OF KEY TERMS

A reference guide to the core technical, economic, and conceptual terminology used throughout this whitepaper. Each term is explained in plain language for general readers, followed by the precise technical definition for specialists and investors.

SDE (Sovereign Data Engine) *In simple words:* The system that collects behavioral signals on the phone, cleans them of all personal identifiers, encrypts them, and protects them before any data leaves the device. *Why it matters:* All behavioral data remains yours at every stage. No one — not even the Foremetric.AI team — sees your data in raw form. The SDE is the foundation on which all user privacy guarantees are built.

$FORE *In simple words:* The project token — the digital currency you earn for contributing your behavioral data to the protocol. *Why it matters:* $FORE is not a speculative instrument. It is earned through verifiable behavioral contribution (Proof-of-Behavior), distributed automatically by on-chain smart contracts, and backed by real B2B demand for human signal analytics. Fixed supply of 1,000,000,000 tokens. No additional emission possible after launch.

Human Signal Integrity *In simple words:* Clean, verified signal from a living human being — free from the synthetic noise generated by AI agents, bots, and automated systems. *Why it matters:* This is the foundational value proposition of the entire project. In a world where the majority of internet content and behavioral data is generated by non-human sources, a verified clean human signal commands an exponentially growing premium from AI laboratories and data-dependent businesses.

Proof-of-Behavior (PoB) *In simple words:* A mathematical proof that the behavioral signal behind a data contribution was generated by a living human being, not a bot or automated script. *Why it matters:* Proof-of-Behavior is what separates Foremetric.AI from every other data platform. It is the cryptographic mechanism that certifies the authenticity of each user's contribution and makes our datasets trusted by AI laboratories and enterprise partners. It is also the foundation of the Soulbound Token referral system — both participants in a referral link must be verified humans.

Digital Mirror *In simple words:* The in-app tool that shows you your own behavioral habits and reveals how external platforms are manipulating your attention — and gives you practical tools to protect yourself. *Why it matters:* The Digital Mirror is the primary retention mechanism of the application. Users return not only to check their $FORE balance, but because the Mirror provides genuine daily utility — awareness, protection, and self-knowledge. It is what makes Foremetric.AI a useful daily tool, not just an earning application. Drives user LTV above $200.

Missions *In simple words:* Simple, verifiable real-world actions that companies pay you to complete — walking to a location, testing an interface, confirming physical presence. *Why it matters:* Missions represent 30% of projected protocol revenue ($15.4M at the $51.2M annual target). They deliver verified human actions with 5–10× higher conversion than traditional advertising, and distribute rewards automatically via the same 80/10/10 protocol split that governs all B2B revenue.

Oracle *In simple words:* A collective intelligence tool that answers questions about the world and about behavioral trends — based on aggregated data from millions of users — without ever revealing the identity of any individual contributor. *Why it matters:* The Oracle is 10% of projected revenue and the primary virality driver of the product. Users share Oracle insights on social networks, generating organic user acquisition at near-zero CAC. It also serves as the live proof-of-concept demonstration for enterprise B2B clients.

5 Gold Standard Metrics *In simple words:* Five high-precision predictive indicators of human behavior that Foremetric.AI sells to businesses and AI laboratories as its core B2B product. *Why it matters:* These metrics are the commercial output of the entire system — the distilled, agent-free, high-resolution human signal that generates all B2B revenue and drives the buyback mechanism.

- **CPI — Cognitive Persistence Index:** Measures sustained attention and cognitive engagement over time.
- **IAP — Intent-to-Action Probability:** Predicts the likelihood that a behavioral pattern will translate into a real-world decision or purchase.
- **BDM — Behavioral Drift Momentum:** Tracks gradual shifts in behavioral patterns, identifying trend changes before they become visible in conventional data.
- **ASR — Authentic Signal Ratio:** The proportion of behavioral data confirmed as human-generated versus synthetic or automated.
- **SFT — Saturation & Fatigue Threshold:** Identifies the point at which user attention saturates and engagement quality begins to degrade.

Automatic Bridges *In simple words:* Built-in bypass mechanisms that automatically reroute application traffic through censorship-resistant paths when network blocking is detected — without any action required from the user. *Why it matters:* The application works everywhere, including under conditions of active network censorship such as the TSPU-based Telegram throttling affecting 100 million users in Russia from February 2026. Bridges activate automatically when connection delay exceeds 500ms, using VLESS/Reality protocols with 99% bypass success rate.

TEE (Trusted Execution Environment) *In simple words:* An isolated hardware zone inside a processor where data can be analyzed without the operating system, applications, or any external party being able to observe it — not even the server administrator. *Why it matters:* TEE is the hardware guarantee behind all confidentiality claims. No software-only privacy solution can provide equivalent guarantees. Foremetric.AI uses a two-layer TEE architecture:

- **On mobile devices:** ARM TrustZone (Android) and Apple Secure Enclave (iOS) — native secure zones present in all modern smartphones, handling all on-device data processing.
- **On server infrastructure:** Intel TDX (Trust Domain Extensions) in SEAM mode — operates exclusively on Intel Xeon 3rd generation and above server processors. Intel TDX is not present in mobile processors and is not applicable to mobile deployment. All server-side analysis and B2B aggregation occurs inside Intel TDX enclaves, making the raw data inaccessible even to the server's operating system.

Differential Privacy (ε) *In simple words:* A mathematical technique that adds precisely calibrated "noise" to data outputs so that no individual's contribution can be identified — even if an attacker submits thousands of queries. *Why it matters:* Foremetric.AI uses a two-layer differential privacy architecture:

- **ε=0.1 (on-device layer):** Applied directly on the user's device before any data leaves the secure enclave. This is the strictest standard applied — the probability of individual identity disclosure is below 10% under unlimited queries. This layer protects every user absolutely.
- **ε=0.5 (B2B aggregation layer):** Applied server-side when anonymized vectors from a minimum of 500 users are aggregated inside Cocoon TEE nodes. This relaxed epsilon operates exclusively on already-anonymized population-level data. It allows business to receive high-accuracy insights while no individual identity is ever exposed.

Buyback Model *In simple words:* When business pays the protocol for analytics, the protocol uses that money to automatically purchase $FORE tokens on the DEX and distribute them to active users. *Why it matters:* This is the mechanism that connects real external revenue to token value. 80% of all B2B revenue is deployed as DEX buybacks, creating continuous buy-side price pressure proportional to protocol growth. This is real yield backed by real demand — not token inflation.

Fair Launch *In simple words:* A token launch with no private investor allocations, no SAFT or SAFE instruments, no pre-sale at a discount, and no valuation cap — every participant receives tokens through the same public mechanisms simultaneously. *Why it matters:* The $FORE Fair Launch on DeDust.io and Ston.fi is the founding distribution event of the protocol. It is designed to ensure that no early investor class holds tokens at prices unavailable to the community, eliminating the sell pressure dynamics that destroy most crypto token economies after unlock events.

Soulbound Token *In simple words:* A non-transferable cryptographic link between two verified human participants in the referral network — it cannot be sold, delegated, or faked. *Why it matters:* The Soulbound Token system turns the referral network into a verifiable proof-of-humanity graph. Every connection in the network attests that both participants are real people who have completed Proof-of-Behavior verification. The stronger and more authentic the network, the higher the collective reward distributed across all participants from B2B revenue.

Adaptive Emission *In simple words:* An automatic system that reduces the rate of new token rewards as the Community Rewards pool depletes — managed entirely by smart contract without any team intervention. *Why it matters:* Adaptive Emission prevents sudden pool exhaustion that would stop user rewards. When the pool falls below defined thresholds, emission rates reduce automatically: 50% reduction at 200–400M tokens remaining, 80% reduction below 200M tokens with transition to full Redistribution Mode where rewards are paid from buyback-acquired tokens rather than pool allocation.

Protocol Treasury *In simple words:* The 10% of B2B revenue allocated to fund ongoing development, security audits, legal compliance, and ecosystem growth — managed transparently on-chain. *Why it matters:* The Treasury is the operational sustainability mechanism of the protocol. It funds the security audits, legal structures, and technical development that protect users and partners. All Treasury flows are on-chain and auditable.

Cayman Foundation *In simple words:* The legal entity established in Stage 3 of the roadmap to provide formal governance, enable compliant B2B contracts, and create the institutional framework for ecosystem partnerships. *Why it matters:* A non-profit foundation structure is standard for decentralized protocol governance and provides the legal clarity required by enterprise B2B partners, regulatory authorities in European markets, and potential institutional partners. Funded from TON Foundation grant proceeds.