MILE
Free, fast, secure and decentralized stablecoin

Unique tool to store and transfer value
. Zero transaction fee for XDR, 0.01 MILE transaction fee for MILE
. 10 000 transactions per second
. Stable price over time, equal to XDR (IMF asset)
. Transparent coin emission, only math, no fiat agents
. Open source and decentralized

Two tokens in ecosystem
. XDR: stable price, perfect for store and transfer value
. MILE: deflation model, pre-mined, limited supply

How to earn coins: 1. Emission Centers
. Lock MILE in the blockchain
. Receive XDRs every time when MILE/XDR rate is growing
. The more people will use XDR and MILE in real life, and the more they will hold — the higher the MILE/XDR rate will be

How to earn coins: 2. Minting Nodes
. Lock 10'000-100'000 XDR in the blockchain
. Install full-node on your computer, sign blocks
. Receive 8-13% annual interest in XDR, minted daily

How to use:
. Arbitrage, stay calm in crypto while BTC is falling
. Stable value storage and cross-border transfer

New consensus algorithm
. sdBFT — stake distributed Byzantine Fault Tolerant
. High level of decentralization: 10 000 nodes
. Stake-based on-chain token holders voting
. No miners: any PC with 4Tb HDD can be a node
. Reflection points: chain trimming for optimization

Top-level cryptography
. ECSDA Digital Signature algorithm (used in BTC)
. Ed25519 scheme (faster than BTC)
. SHA-3 hashing algorithm (faster than BTC)
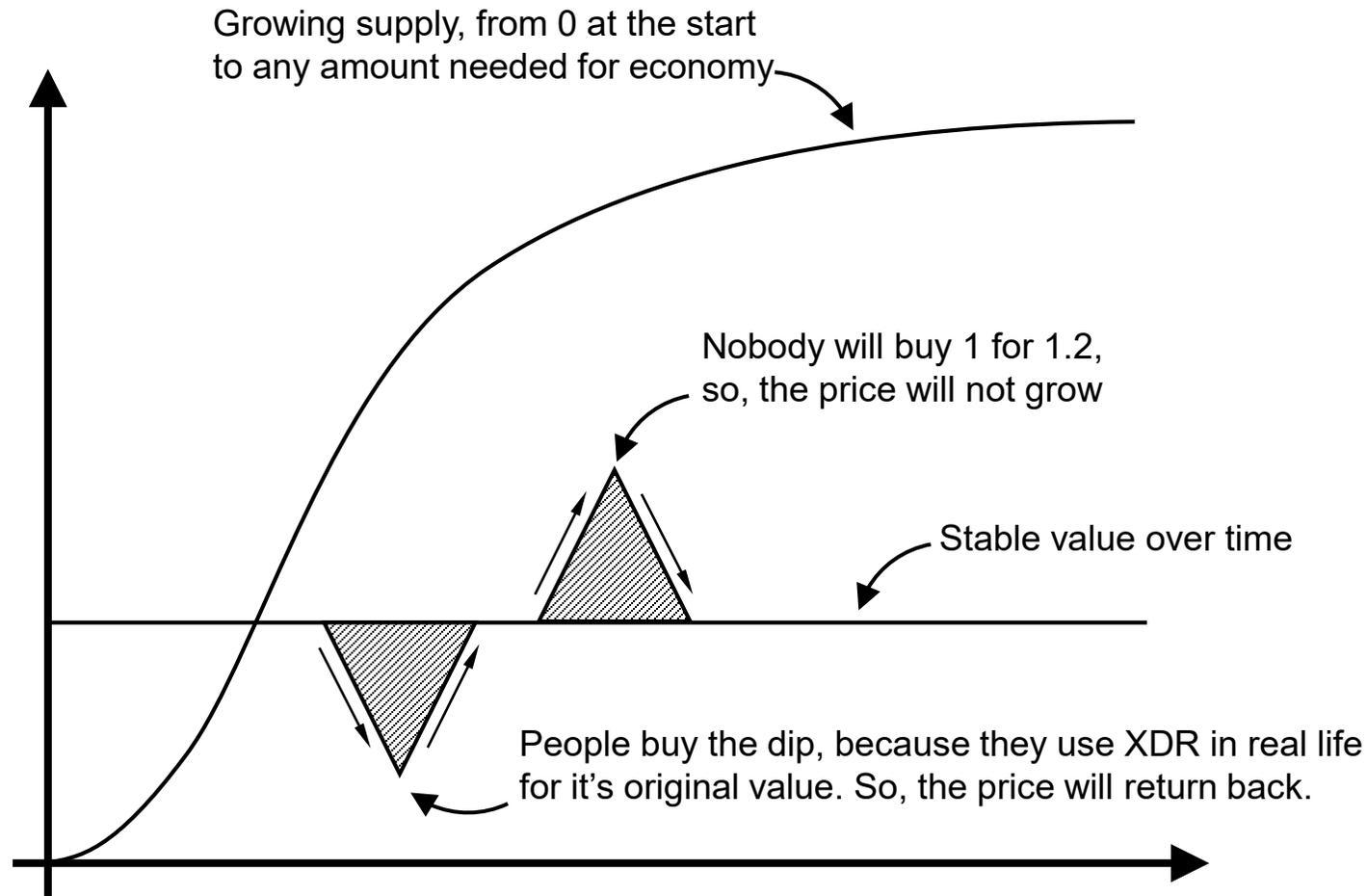. Unique random number generator (more secure than BTC)

No ICO, blockchain is working.
Massive nodes launch in September.
get@mile.global

XDR: Stablecoin

Twitter-resistant, because people use it in real life

Growing supply, from 0 at the start
to any amount needed for economy

Nobody will buy 1 for 1.2,
so, the price will not grow

Stable value over time

People buy the dip, because they use XDR in real life
for it's original value. So, the price will return back.

Why cryptocurrencies are so volatile?
Because even BTC and ETH real turnover
is smaller than the exchanges trading volume.

What is the source of stability of the XDR?
People use it in real life, for the:
. Remittance between countries,
. Payments for the goods and services,
. Value storage.

So, the real turnover and OTC deals volume
are bigger than the exchange trading. That's why
exchange pumps and dumps doesn't really matter.

For example, you can try to dump USD at
NASDAQ, but people will buy the dip very fast,
because they know that the real value of the USD
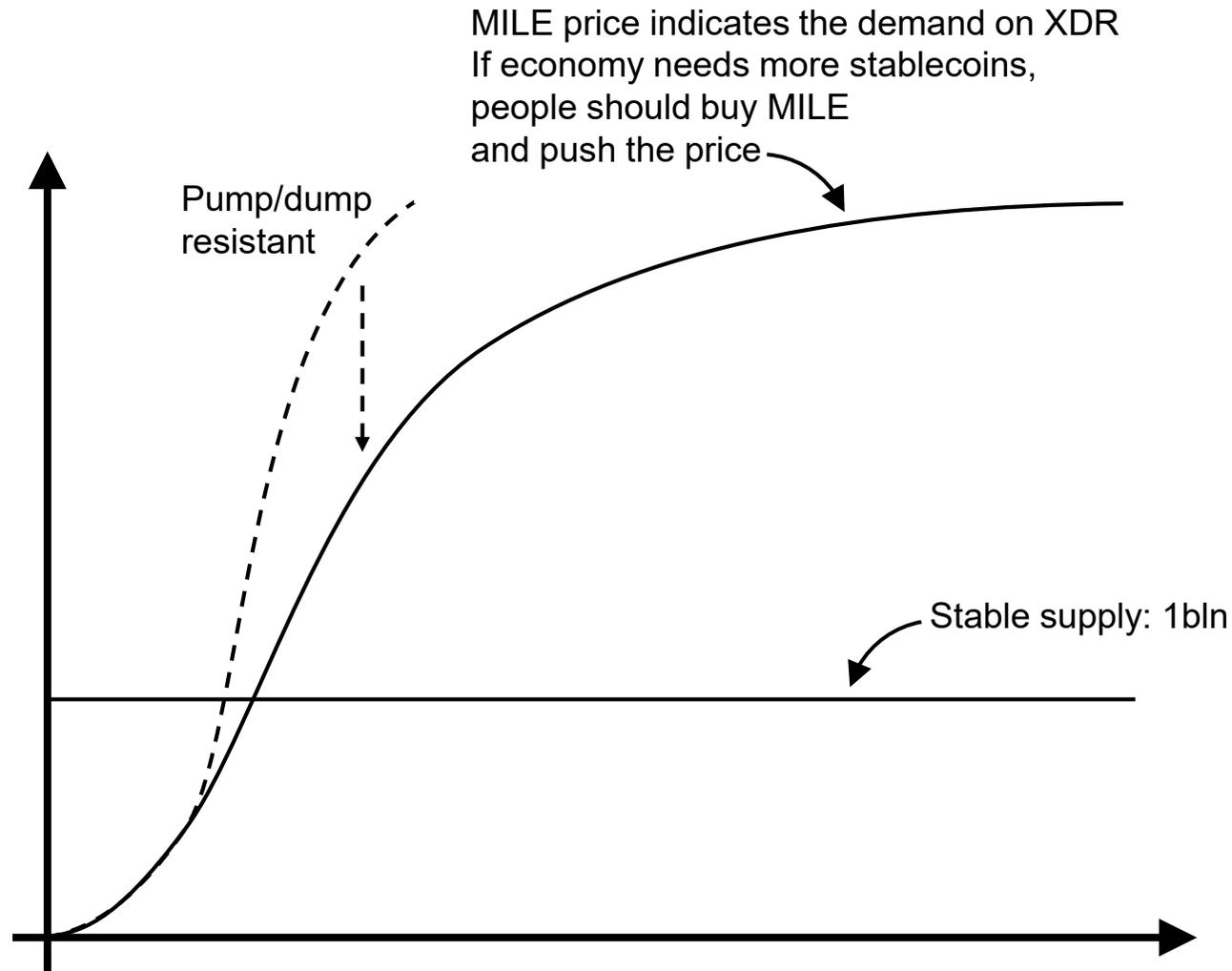will not be affected by this local exchange trades.

No fiat world central authorities are used in XDR
ecosystem (unlike USDT). XDR is decentralized
and governed by math and community, like BTC.

What does XDR mean?
Google «Special Drawing Rights UN».

MILE: Demand Index Token
The more people need XDR, the higher MILE price will grow

MILE price indicates the demand on XDR
If economy needs more stablecoins,
people should buy MILE
and push the price

Pump/dump
resistant

Stable supply: 1bln

How the MILE rate is set?
10'000 blockchain nodes posting the MILE rate
to the network on a daily basis. Based on any data
they like: exchange rates, OTC deals etc. Here are
some built-in pump/dump resistance mechanisms:

1. Noise filtering
Blockchain will cut out all the extraordinary MILE
rates. E.g. if some small number of nodes will try to
joke or cheat, that will be cut automatically.

2. Smoothing to the previous trend
Even if the majority of the nodes will try to pump or
dump the MILE rate, blockchain will consider the
previous rates and smoothen the new value.
So, there will be no spikes.

3. Social responsibility
If nodes will try to cheat the community with too
high or too low MILE rates, they will loose the trust
and people will leave. Nodes are highly interested
in increasing the number of people using the MILE
ecosystem, that's why they've got to be conscious.

How to Get XDRs?
Option 1: Run a blockchain node

Step 1. Lock 10'000—100'000 XDR in the blockchain
Send special transaction to the blockchain, it will lock your XDR, and you will be able to run a node.

Step 2. Install a node software at your server
Developers community have built simple docker installation packages for Linux and Windows.
You don't need a super miner hardware, you need only 4 Tb of HDD, stable power supply and internet connection.

Step 3. Sign the blocks and receive the XDR award
Your node will receive a block to sign approximately once in a few days.
If you sign all the blocks you receive, you will get the daily award from the blockchain.
Depending on how much XDR was locked from 10'000 to 100'000 XDRs node will receive 8—13% annual reward.

Reward is generated on a daily basis, here are the example calculations:
For 10'000 XDR deposit: 8%*10'000/365 = 2 XDR/day, 60 XDR/month, 800 XDR/year.
For 100'000 XDR deposit: 13%*100'000/365 = 35 XDR/day, 1050 XDR/month, 13 000 XDR/year

To run a node and be sure that it's running stable, it's better to have 2 servers in different locations.
Average price for 2 servers is 80 USD/month or 960 USD/year (662 XDR/year, because 1 XDR ≈ 1.45 USD).

So, the **annual XDR net return will be from 1.38% to 12.34%**,
depending on how much XDR you've locked inside the blockchain.

How to Get XDRs?
Option 2: Run an emission center

Step 1. Lock MILE in the blockchain
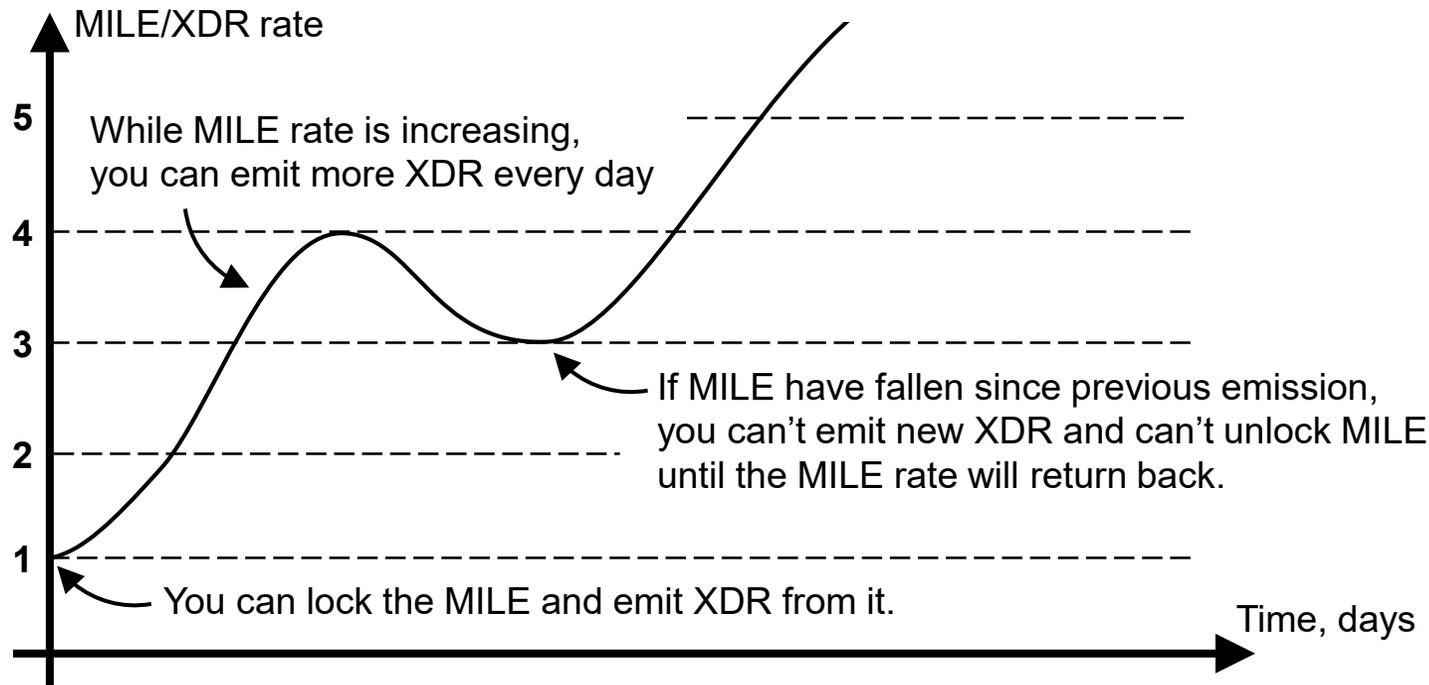Send it to the system address and you will become an emission center.

Step 2. Receive XDR from the blockchain
After setting the emission center you will be able to execute the "emission" function: you will receive an XDRs amount calculated using todays' MILE/XDR rate. For example: you've locked 100'000 MILE and today 1 MILE = 1 XDR, so you will be able to emit 100'000 XDR.

Step 3. Receive more XDR if the MILE rate is growing
If the MILE price has increased relative to the price of the previous emission, you will be able to emit more XDR to your wallet.
The amount of new XDR to emit is a delta between previous MILE rate and todays' MILE rate, multiplied by the amount of MILE locked.

MILE/XDR rate

While MILE rate is increasing,
you can emit more XDR every day

If MILE have fallen since previous emission,
you can't emit new XDR and can't unlock MILE
until the MILE rate will return back.

You can lock the MILE and emit XDR from it.

Time, days

MILE — both demand index and collateral
You collaterize MILE to emit XDR.
If collateral price is growing, you can emit more.
If collateral becomes cheaper — emission is blocked.
To unlock MILE you've got to send XDR according todays' MILE/XDR rate.

If todays' XDR supply is all used for HODL or daily payments, the only way to get more XDR is to buy some MILE. That will push the MILE price up, and community will be able to emit more XDR, and ecosystem will be stabilized until community will grow more and will need more XDR.