

EMURGO

**EMURGO's tech releases:
A 2 year review + what's to come**

Presenter:

Nicolás Arqueros - CTO, EMURGO

Topics

1. Intro

- **EMURGO**
- **EMURGO R&D**

2. What has been done

- Monthly Reviews
- Educational Content
- Tangata Manu
- Seiza
- Yoroi
- dLab (soshen + syre)

3. What's to come for

- Tangata Manu
- Seiza
- Yoroi
- dLab (chaski)



What is **EMURGO**?

Overview

EMURGO is the venture arm of Cardano.

EMURGO drives the adoption of Cardano and adds value to Cardano holders. We build, invest in & advise projects that adopt Cardano blockchain.

R&D Research & Development



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- **Monthly Reviews**
- **Educational Content**
- **Tangata Manu**
- **Seiza**
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- **dLab (soshen + syre)**

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Seba's Monthly Cardano Roadmap Updates



Over **18 monthly videos** to help the community digest the Cardano Roadmap.

Over
100,000
views

d/lab
emurgo



Fellowships

12 MONTH
PERIOD

\$60k STIPEND
PROVIDED

5 FELLOWSHIPS
AVAILABLE

sōshen

A foundation for building and managing blockchain full node APIs

Synthesized at dLab by [Khoa Phan](#) and [Eko Mirhard](#)



Completed and open sourced

SYRE

**Solving
Transaction
Surety.
Tokenless.**

▷ Whiteboard Video

Syre Is A **Tokenless** Invoice Based Protocol Designed To
Make Sending Cryptocurrencies **Worry-Free** For Users On
Every Blockchain.



Yoroi Achievements

~25%

of the value of Cardano is
stored through Yoroi.

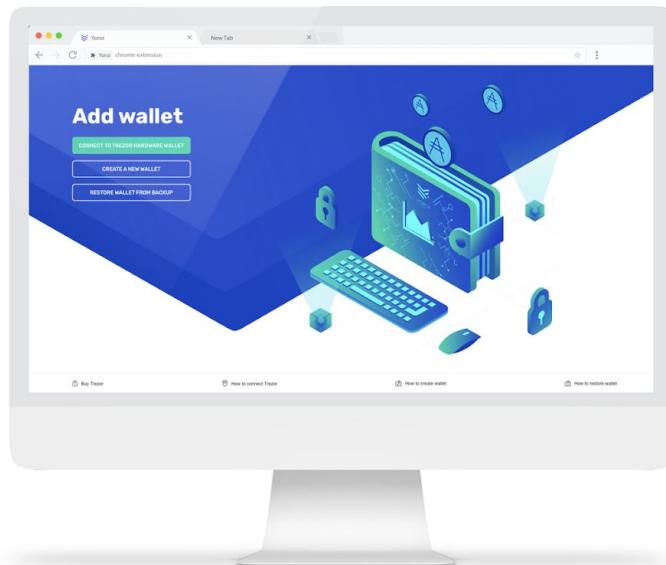
5 stars rating

On all platforms

iOS and Android



Browser Extensions



Firefox Extension

Chrome Extension

October 2018



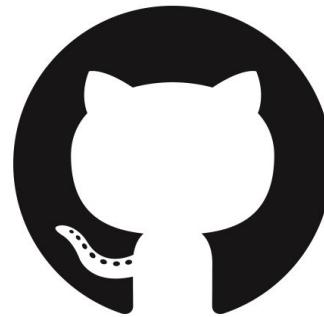
Yoroi Released!



November

2018

Yoroi open sourced



December

2018

Trezor Support



January

2019



Android release!



Transaction export

EXPORT TRANSACTIONS TO FILE X

The entire transaction history within your wallet will be exported to a file.

Export

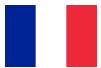
February 2019



 iOS release!



**Daedalus
paper wallet**

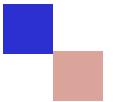


French support

March 2019



Ledger support



Custom themes



Daedalus Master key



German support

April

2019

Paper wallets



May
2019

Firefox Support





SEIZA

HOME BLOCKCHAIN STAKING SIMULATOR STAKE POOLS EN

146 Epoch 23 Slot \$0.0473 Price

Ada Blockchain Explorer

Search addresses, transactions, epochs & slots on the Cardano network

Search for entity using its "hash" or use 'epoch:number slot:number' syntax

Charts

TOTAL ADA SENT TRANSACTIONS COUNT TOTAL NEW UTXO

Total Ada Sent

Day (UTC) Epoch

Date (Day UTC)	Total Ada Sent (B)
08/25	~1.2
08/26	~1.1
08/27	~1.2
08/28	~1.1
08/29	~1.2
08/30	~1.1
08/31	~1.2
09/01	~1.1
09/02	~1.8
09/03	~1.5
09/04	~1.6
09/05	~1.2
09/06	~1.3
09/07	~1.4
09/08	~1.5
09/09	~1.2
09/10	~3.0
09/11	~3.2
09/12	~1.4
09/13	~1.1
09/14	~1.0
09/15	~1.1
09/16	~1.2
09/17	~1.1
09/18	~1.0
09/19	~1.1
09/20	~5.5
09/21	~1.2
09/22	~1.1

June

2019

New Design



**Gateway
to the
financial world**

Yoroi light wallet for Cardano



Connect to hardware wallet



Create wallet



Restore



Transfer funds from a Daedalus wallet to Yoroi

July

2019



Payment URLs



Indonesian



Send All Feature

August 2019



}} Tangata
Manu

 YOROI
— wallet —

September

2019

The logo consists of a white graphic element on the left, which is a stylized representation of a person's head and shoulders. It features a dot for an eye, two vertical lines for ears, and a large, open curly brace shape that encompasses the head and extends downwards. To the right of this graphic, the words "Tangata" and "Manu" are written in a bold, sans-serif font. "Tangata" is in a lighter shade of blue, while "Manu" is in a darker shade.

Tangata
Manu

Open Sourced

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- **Seiza**
- **Yoroi**

Yoroi Updates



Upcoming Yoroi

- Staking in Rewards Testnet Support
- Staking Shelley
- Ledger Nano X (mobile)
- (For Shelley Mainnet) Full Node features

DELEGATE

[Open in Seiza](#)

[RESET ALL SETTINGS](#)

YOU HAVE NO POOLS TO COMPARE YET

[SHARE](#) [IMPORT](#) [EXPORT](#)

STAKE POOLS LIST

[COMPARISON MATRIX](#)

[STAKE POOLS HISTORY](#)

[PEOPLE](#)

Your ADA

Search for a Stake Pool by name

FILTERS

SORT BY

Revenue

3 Stake pools from 7

BOOTSTRAP ERA POOL #1
af2800c124e599d6ec188a75f8bfde397ebb778163a18240371f2d1

Revenue 25%

PERFORMANCE: 71% COST: 41 345547 ADA

FULLNESS: 60% STAKE: 141 313510 ADA

MARGINS: 30% PLEDGE: 14 243227 ADA

CREATED: 09/23/2017 REWARDS: 82%

FULL DESCRIPTION

BOOTSTRAP ERA POOL #2
1deb82908402c7ee3efeb16f369d97fba316ee621d09b32b8969e54b

PERFORMANCE: 72% COST: 41 345546 ADA

ADD

Seiza



Upcoming Seiza

- Multiple Networks
- Rewards Testnet Support
- Full Shelley Support
- Staking Center Simulators (Simple and Advance)
- Stake Pool Explorer

Auto-save [Open saved settings](#)

[RESET ALL SETTINGS](#)

YOU HAVE NO POOLS TO COMPARE YET

SHARE IMPORT EXPORT

[STAKE POOLS LIST](#)

[COMPARISON MATRIX](#)

[STAKE POOLS HISTORY](#)

[PEOPLE](#)

Your ADA Search for a Stake Pool by name [FILTERS ▾](#)

SORT BY [Revenue](#)

3 Stake pools from 7

BOOTSTRAP ERA POOL #1
af2800c124e599d6dec188a75f8bfde397ebb778163a18240371f2d1

25% Revenue

PERFORMANCE:	71%	FEE:	41,345,547 ADA
FULLNESS:	60%	STAKE:	141,313,510 ADA
MARGINS:	30%	PLEDGE:	14,243,227 ADA
CREATED:	09/23/2017	Rewards:	82%

[FULL DESCRIPTION ▾](#)

BOOTSTRAP ERA POOL #2
1deb82908402c7ee3efeb16f369d97fba316ee621d09b32b8969e54b

25% Revenue

PERFORMANCE:	72%	FEE:	41,345,546 ADA
FULLNESS:	67%	STAKE:	141,313,520 ADA
MARGINS:	31%	PLEDGE:	14,243,226 ADA
CREATED:	09/23/2017	Rewards:	82%

Your ADA X

Search for a Stake Pool by name X 🔍

SORT BY Revenue

3 Stake pools from 7

 BOOTSTRAP ERA POOL #1
af2800c124e599d6dec188a75f8bf... # 1

REWARDS: 82% ⋮ COST + FEE: 41.345547 ADA + 30%

[FULL DESCRIPTION](#) ▼

 BOOTSTRAP ERA POOL #2
1deb82908402c7ee3efeb16f369d9... # 2

REWARDS: 82% ⋮ COST + FEE: 41.345546 ADA + 31%

[FULL DESCRIPTION](#) ▼

 BOOTSTRAP ERA POOL #3
43011479a595b300e0726910d0b60... # 3

Stake Pools

MANAGE COLUMNS

Show all

RESET ALL FILTERS



<

1

/ 50

>



NAME	ADA STAKED	FULLNESS	MARGINS	PERFORMANCE	Rewards	KEYS DELEGATING
LOREM 999	1,075,650 ₉₅₂₃₆₉ ADA	53%	26%	61%	95,878 ₁₁₈₈₅₂ ADA	163
LOREM 998	628,453 ₉₆₃₁₀₁ ADA	55%	36%	81%	6,746 ₆₃₇₈₈₁ ADA	174
LOREM 997	94,165,687 ₁₈₂₉₉₀ ADA	77%	21%	61%	90,837 ₉₇₅₂₆₀ ADA	116
LOREM 996	25,523,515 ₉₉₁₄₅₈ ADA	66%	21%	45%	9,111 ₂₈₉₇₄₇ ADA	138
LOREM 995	6,745,827 ₀₈₂₆₁₄ ADA	33%	36%	75%	53,301 ₁₃₉₂₉₂ ADA	178
LOREM 994	22,683,733 ₀₃₉₆₀₁ ADA	44%	33%	46%	84,266 ₃₁₃₇₄₄ ADA	105
LOREM 993	26,242,976 ₉₃₂₂₁₅ ADA	45%	28%	68%	91,506 ₃₁₀₁₁₄ ADA	199
LOREM 992	8,048,800 ₄₂₈₀₁₆ ADA	42%	29%	88%	4,287 ₀₄₅₄₈₉ ADA	159
LOREM 991	31,174,741 ₄₁₈₂₄₄ ADA	54%	24%	68%	44,482 ₀₇₃₈₅₅ ADA	139
LOREM 990	80,062,203 ₅₀₆₉₈₅ ADA	48%	31%	41%	99,664 ₂₆₆₇₆₉ ADA	137
LOREM 99	31,679,656 ₈₆₁₆₈₄ ADA	65%	23%	79%	74,597 ₃₆₁₇₄₈ ADA	125
LOREM 989	79,233,813 ₈₁₈₀₄₁ ADA	55%	32%	76%	99,169 ₁₃₇₃₆₁ ADA	139

Where are we headed?



Yoroi / Seiza vision

Implement all the
latest features of Cardano

Such as...

- Multisig
- Staking

Thank You!

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