Blockchain and Decentralized Finance in the (Re)insurance space: a practitioners perspective

Author: Marco Mirabella
Short Course IME,
Chicago IL (July ‘24)

Marco Mirabella

Working Experience

- Chief Executive Officer @Ensuro
- Co-Founder @EnsembleData
- Chief Strategy Officer @BigGo
- Co-Founder @Cartesi
- Former Analyst @SOSV

Education

- Double Bachelor Degree from Polytechnic of Milan and Tongji University of Shanghai

Bitcoin: a new digital cash

Communal Ledger

The Drunken Clam: Ledger	
Transaction	**Amount**
Peter pays Quagmire	10USD
Cleveland pay Joe	20USD
Joe pays Peter	50 USD

Communal Ledger

The Drunken Clam: Ledger	
Transaction	**Amount**
Peter pays Quagmire	10USD
Cleveland pay Joe	20USD
Joe pays Peter	50 USD

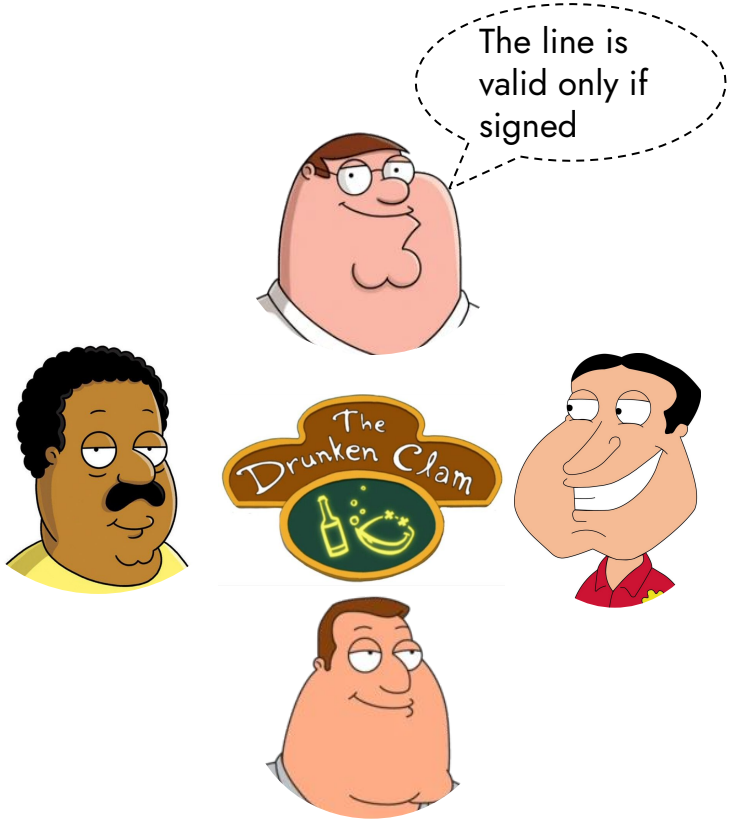
Communal Ledger

The Drunken Clam: Ledger	
Transaction	**Amount**
Peter pays Quagmire	10USD
Cleveland pay Joe	20USD
Joe pays Peter	50 USD
Quagmire pays Joe	100 USD

FRAUDULENT TRANSACTION

Signature

The Drunken Clam: Ledger		
Transaction	**Amount**	**Signature**
Peter pays Quagmire	10USD	
Cleveland pay Joe	20USD	
Joe pays Peter	50 USD	



Digital Signature/ Private-Public Key

private key:
KxMEp1Qk4T564BsSmDM3EBW799HiKg7GEUp2dpTePePwkjnoKLAC
Public Key:
35hK24tcLEWcgNA4JxpvbkNkoAcDGqQPsP

pk:
KwRm3sxfi1HaNwhnBFfKoFresGTVqYSXJoCbzPKx2Hx4a1rsfd3J
PK:
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pk:
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Pk:
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pk:
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PK:
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Digital Signature/ Private-Public Key

private key:
KxMEp1Qk4T564BsSmDM3EBW799HiK
g7GEUp2dpTePePwkjnoKLAC

Password:
IloveBeer!1!

Public Key:
35hK24tcLEWcgNA4JxpvbkNkoAcDGq
QPsP

Email:
cleveland@gmail.com

Sign and Verify

private key:
5KYZdUEo39z3FPrtuX2QbbwGnNP5zTd7yyr2SC1j299sBCnWjss
Public Key:
1HZwkjkeaoZfTSaJxDw6aKkxp45agDiEzN

Message:
"Peter pays Quagmire 10USD"

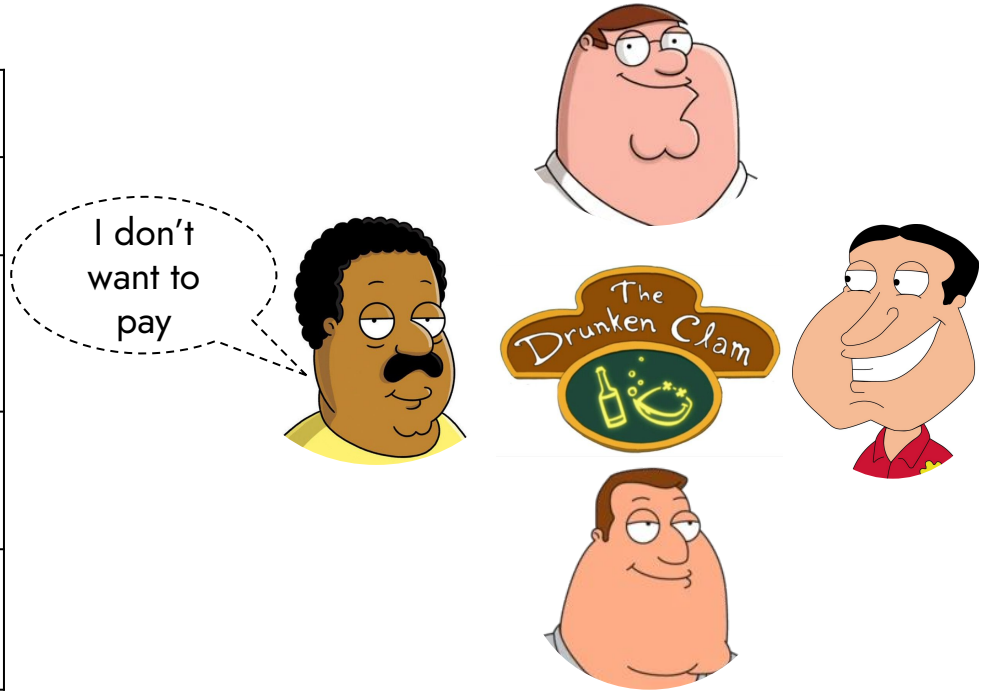
Sign=(Message,pk) → Sign= (*Peter pays Quagmire 10USD*, **5KYZdUEo39z3FPrtuX2QbbwGnNP5zTd7yyr2SC1j299sBCnWjss**) = 1HZwkjkeaoZfTSaJxDw6aKkxp45agDiEzN
HN2MsIqFuUg9i5GicfHd7YpWjUGpKFEOkZLgC2845dki974xwR/sAFDxj3syHnKjk4eLhkIltHYoYpXACMAGogs=

Verify=(Message,Signature,PK) {TRUE/FALSE} → Verify=(*Peter pays Quagmire 10USD*
.,1HZwkjkeaoZfTSaJxDw6aKkxp45agDiEzN
HN2MsIqFuUg9i5GicfHd7YpWjUGpKFEOkZLgC2845dki974xwR/sAFDxj3syHnKjk4eLhkIltHYoYpXACMAGogs=,1HZwkjkeaoZfTSaJxDw6aKkxp45agDiEzN) = TRUE

TRY IT:
https://reinproject.org/bitcoin-signature-tool/#sign

Settlement

The Drunken Clam: Ledger		
Transaction	**Amount**	**Signature**
Peter pays Quagmire	10USD	HZwkjkeaoZfTSaJxDw6aKkxp45agDiEzN HN2MsIqFuUg9i5GicfHd7 YpWjUGpKFEOkZLgC28 45dki974xwR/sAFDxj3syH nKjk4eLhkIltHYoYpXAC MAGogs=
Cleveland pay Joe	20USD	SJIWFfsuhufsZfTSaJxDw6 aKkxp45agDiEzN HN2MsIqFuUg9i5GicfHd7 YpWjUGpKFEOkZLgC28 45dki974xwR/sAFDxj3syH nKjk4eLhkIltHYoYpXAC MAGogs=
Joe pays Peter	50 USD	SJIWFfsuhufsZfTSaJxDw6 aKkxp45agDiEzN HN2MsIqFuUg9i5GicfHd7 YpWjUGpKFEOkZLgC28 45dki974xwR/sAFDxj3syH nKjk4eLhkIltHYoYpXAC MAGogs=



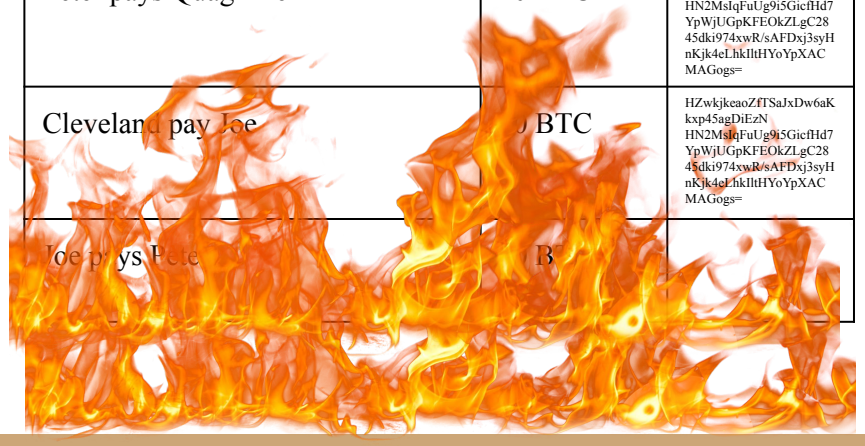
Settlement

The Drunken Clam: Ledger		
Transaction	**Amount**	**Signature**
Peter pays Quagmire	10 ~~USD~~ BTC	HZwkjkeaoZfTSaJxDw6aKkxp45agDiEzN HN2MsIqFuUg9i5GicfHd7YpWjUGpKFEOkZLgC2845dki974xwR/sAFDxj3syHnKjk4eLhkIltHYoYpXACMAGogs=
Cleveland pay Joe	20 ~~USD~~ BTC	SJIWFfsuhufsZfTSaJxDw6aKkxp45agDiEzN HN2MsIqFuUg9i5GicfHd7YpWjUGpKFEOkZLgC2845dki974xwR/sAFDxj3syHnKjk4eLhkIltHYoYpXACMAGogs=
Joe pays Peter	50 ~~USD~~ BTC	SJIWFfsuhufsZfTSaJxDw6aKkxp45agDiEzN HN2MsIqFuUg9i5GicfHd7YpWjUGpKFEOkZLgC2845dki974xwR/sAFDxj3syHnKjk4eLhkIltHYoYpXACMAGogs=

Storing the ledger

The Drunken Clam: Ledger

Transaction	Amount	Signature
Peter pays Quagmire	10 BTC	HZwkjkeaoZfTSaJxDw6aKkxp45agDiEzNHN2MsIqFuUg9i5GicfHd7YpWjUGpKFEOkZLgC2845dki974xwR/sAFDxj3syHnKjk4eLhkIltHYoYpXACMAGogs=
Cleveland pay Joe	0 BTC	HZwkjkeaoZfTSaJxDw6aKkxp45agDiEzNHN2MsIqFuUg9i5GicfHd7YpWjUGpKFEOkZLgC2845dki974xwR/sAFDxj3syHnKjk4eLhkIltHYoYpXACMAGogs=
Joe pays Pete	B	



Each person maintains one

Ledger

Date	Description	Increase	Decrease	Balance
10/29/2020 11:30am	Balance Forward			£100
11/1/2020 8:45am	Salary: Nuclear Power Plant		£500	£500
11/5/2020 5:00pm	**Incoming Wire from Peter Griffin**	**£20**		**£520**

Ledger

Date	Description	Increase	Decrease	Balance
10/29/2020 11:30am	Balance Forward			£100
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Ledger

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Ledger

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11/1/2020 8:45am	Salary: Nuclear Power Plant		£500	£500
11/5/2020 5:00pm	**Incoming Wire from Peter Griffin**	**£20**		**£520**

Distributed Ledger

I pay Cleveland 10 BTC

Joe pays Cleveland 10 BTC

Ledger

Date	Description	Increase	Decrease	Balance
10/29/2020 11:30am	Balance Forward			£100
11/1/2020 8:45am	Salary: Nuclear Power Plant		£500	£500
11/5/2020 5:00pm	Incoming Wire from Peter Griffin	£20		£520

Ledger

Date	Description	Increase	Decrease	Balance
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11/1/2020 8:45am	Salary: Nuclear Power Plant		£500	£500
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Joe pays Cleveland 10 BTC

Ledger

Date	Description	Increase	Decrease	Balance
10/29/2020 11:30am	Balance Forward			£100
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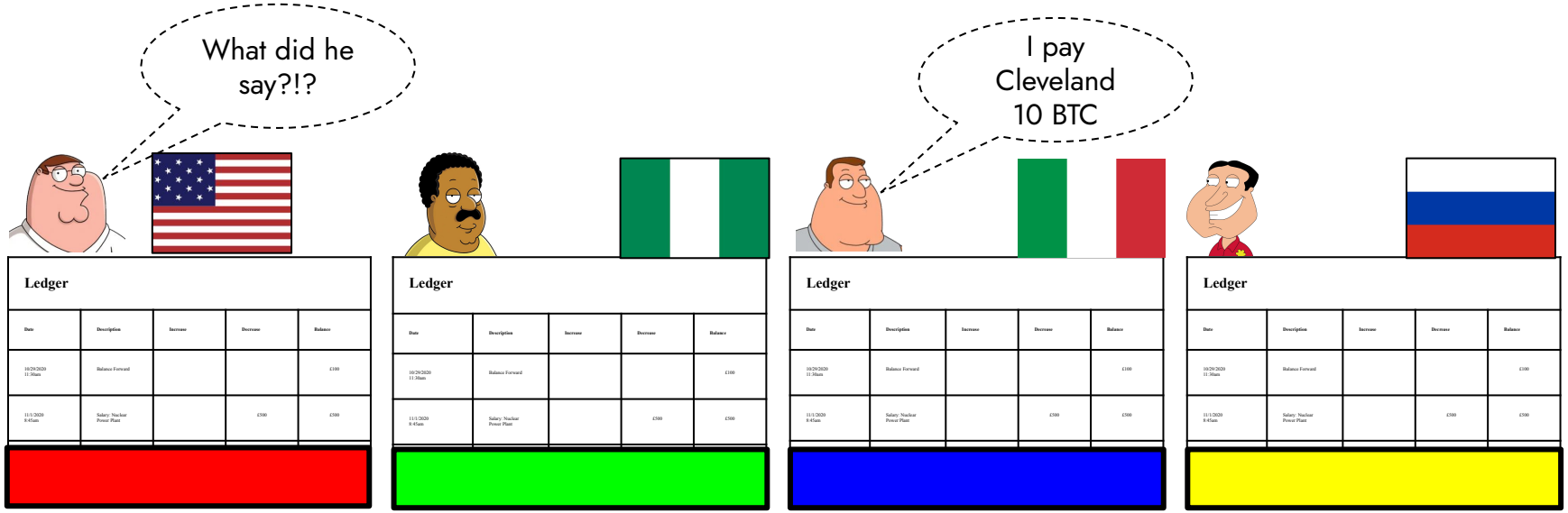
Joe pays Cleveland 10 BTC

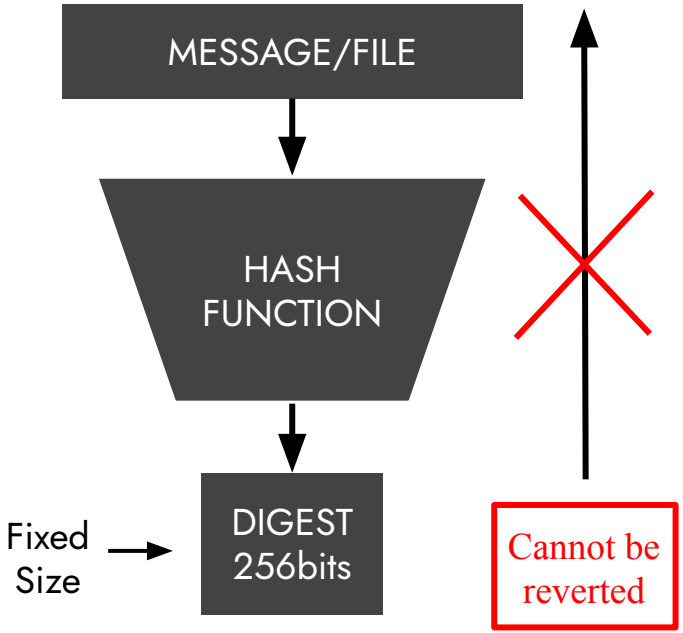
Ledger

Date	Description	Increase	Decrease	Balance
10/29/2020 11:30am	Balance Forward			£100
11/1/2020 8:45am	Salary: Nuclear Power Plant		£500	£500
11/5/2020 5:00pm	Incoming Wire from Peter Griffin	£20		£520

Maintaining the same ledger



Hash Function



SHA256 (Message/File)=Digest 256 bit

SHA256 ("Ciao Mamma") =
=b27db372300ec1f97c8207e032363d75fb3e7517a4adc45ab7da1b6f9e49452c

SHA256 ("ciao mamma") =
=40a4831429450e50d44fd6b4b77bf40a26ea20aad9be4acae25ca56778223e29

Mining

Miner #1

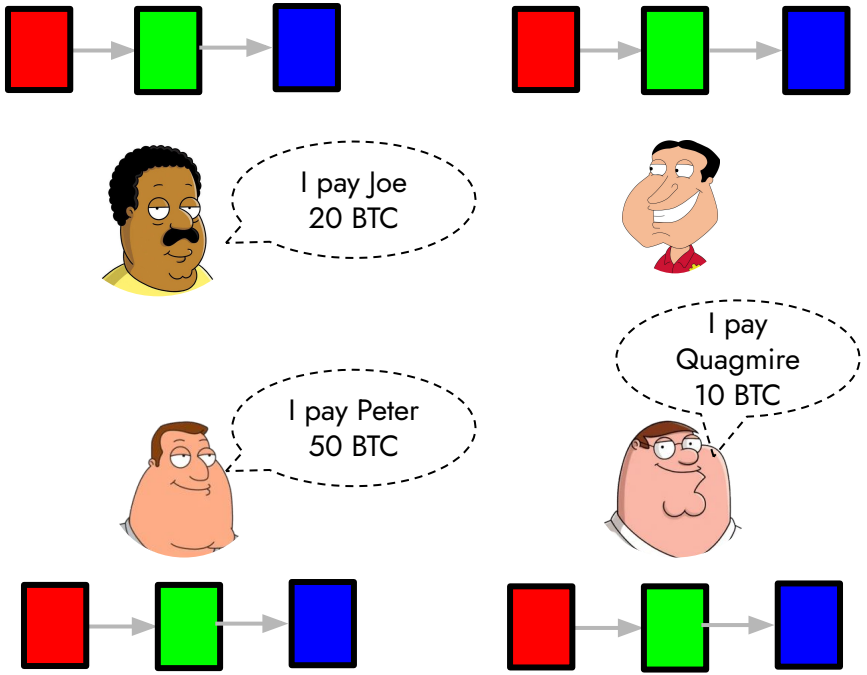
Miner #2

Miner #3

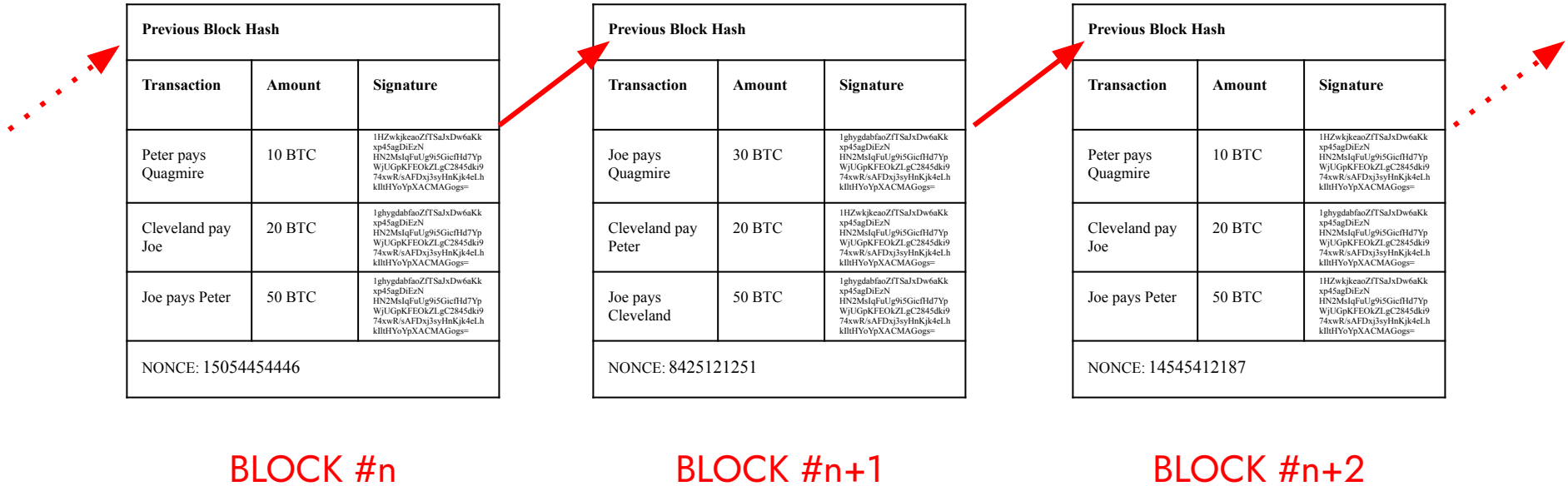
Ledger		
Transaction	**Amount**	**Signature**
Peter pays Quagmire	10 BTC	1HZwkjkeaoZfTSaJxDw6aKkxp45agDiEzN HN2MsIqFuUg9i5GicfHd7YpWjUGpKFEOkZLgC2845dki974xwR/sAFDxj3syHnKjk4eLhkIltHYoYpXACMAGogs=
Cleveland pay Joe	20 BTC	1ghygdabfaoZfTSaJxDw6aKkxp45agDiEzN HN2MsIqFuUg9i5GicfHd7YpWjUGpKFEOkZLgC2845dki974xwR/sAFDxj3syHnKjk4eLhkIltHYoYpXACMAGogs=
Joe pays Peter	50 BTC	1ghygdabfaoZfTSaJxDw6aKkxp45agDiEzN HN2MsIqFuUg9i5GicfHd7YpWjUGpKFEOkZLgC2845dki974xwR/sAFDxj3syHnKjk4eLhkIltHYoYpXACMAGogs=
NONCE: 15054454446		

SHA256

0000000000450e50d44fd6b4b77bf40a26ea20aad9be4acae25ca56778223e29



Blockchain

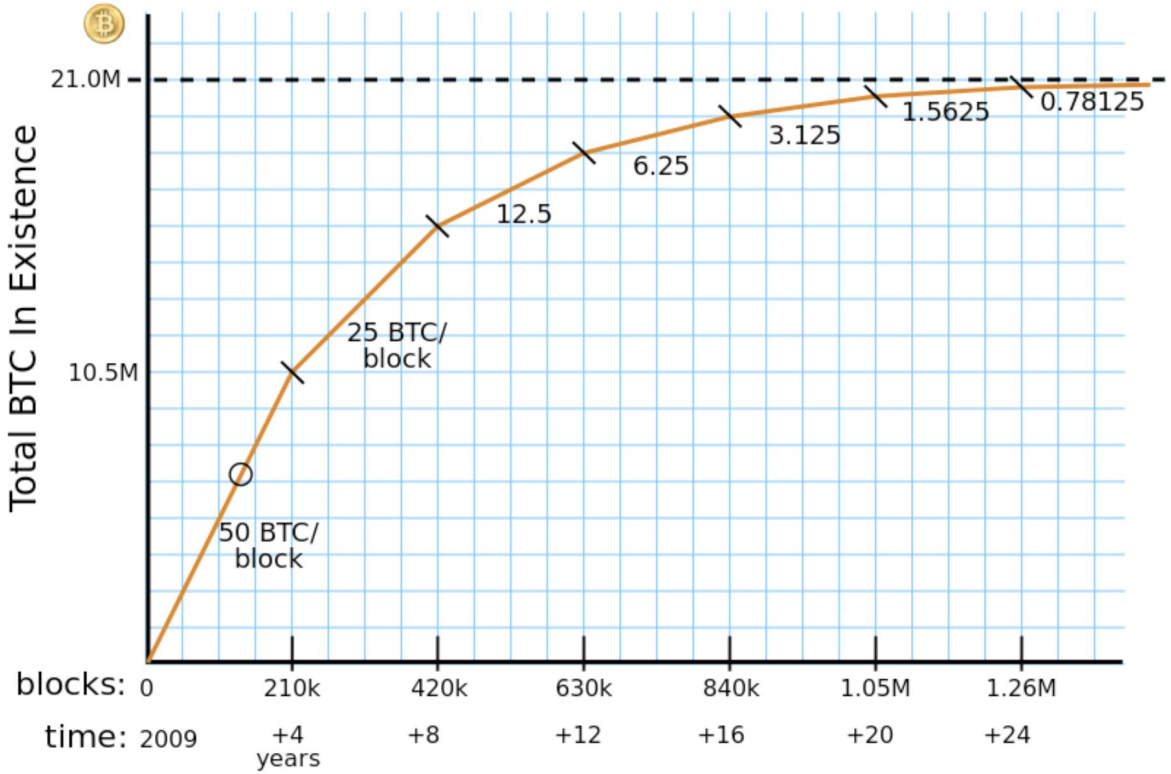


BLOCK #n

BLOCK #n+1

BLOCK #n+2

Mining Reward



Source: Quora.com

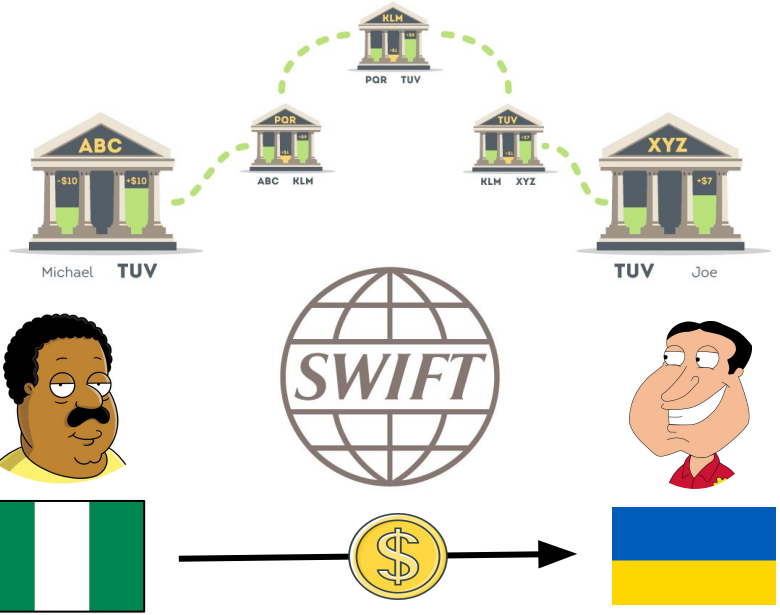
Myth Buster

~~"Blockchain is the FUTURE but Cryptocurrencies are a SCAM"~~

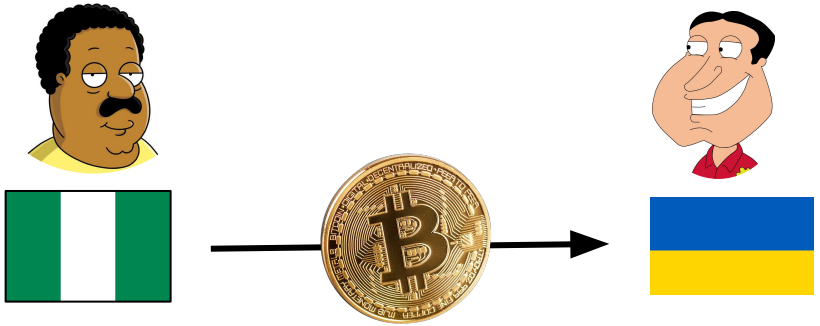
Bitcoin: a new digital cash

- Decentralized
- Transparent
- Fixed Supply

Applications

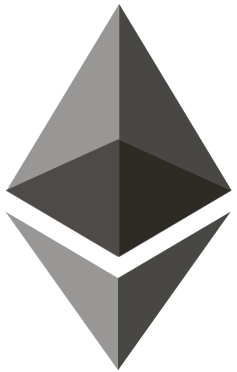


BEFORE **Transaction Fee: 50 USD**



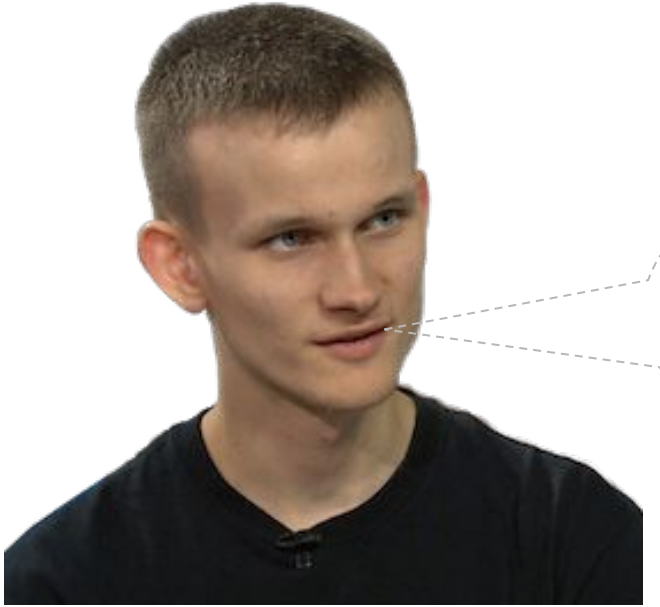
AFTER **Transaction Fee: 4 USD**

Blockchain 2.0



ethereum

Ethereum



Ethereum is a, censorship-resistant, decentralised protocol for building decentralised applications. Ethereum allows anyone to write **smart contracts** and **decentralised applications** (Dapp)

Source: GY's Cryptocurrency & Blockchain Compendium

Smart Contract

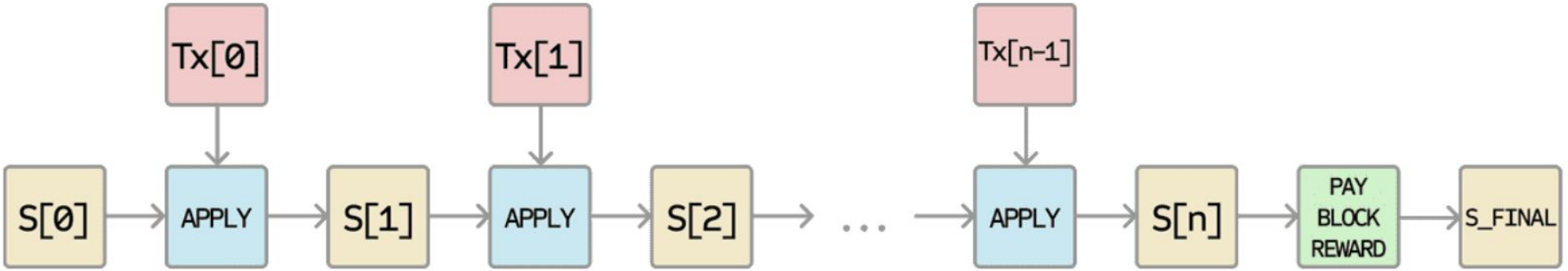
IF –> THEN

Given an initial input if these conditions apply then this output is reached.

A computerized transaction protocols that execute terms of a contract. (Nick Szabo)

Design

STATE MACHINE: The Ethereum blockchain is essentially a transaction-based state machine. A state machine refers to something that will read a series of inputs and, based on those inputs, transition to a new state.

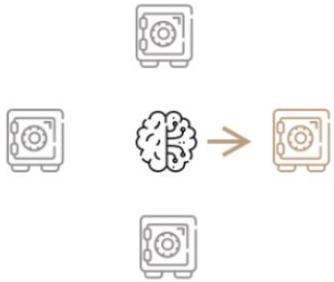


Source: GY's Cryptocurrency & Blockchain Compendium

Proof of Stake

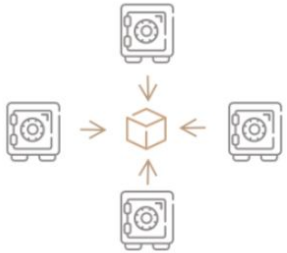
1. **Stake ETH**

2. **Selection Validator**



3. **New block proposal**

4. **Block approval**



5. **Block inclusion**

5. **Validator Reward**

Source: SEBA research

Applications (Finance)

Commercial Banks

Exchanges

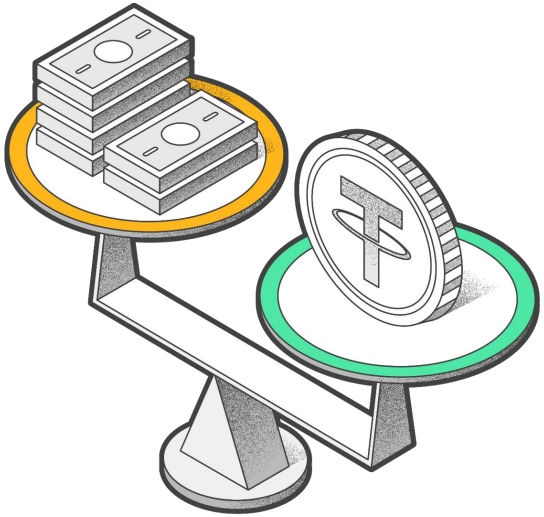
(Re)insurance companies

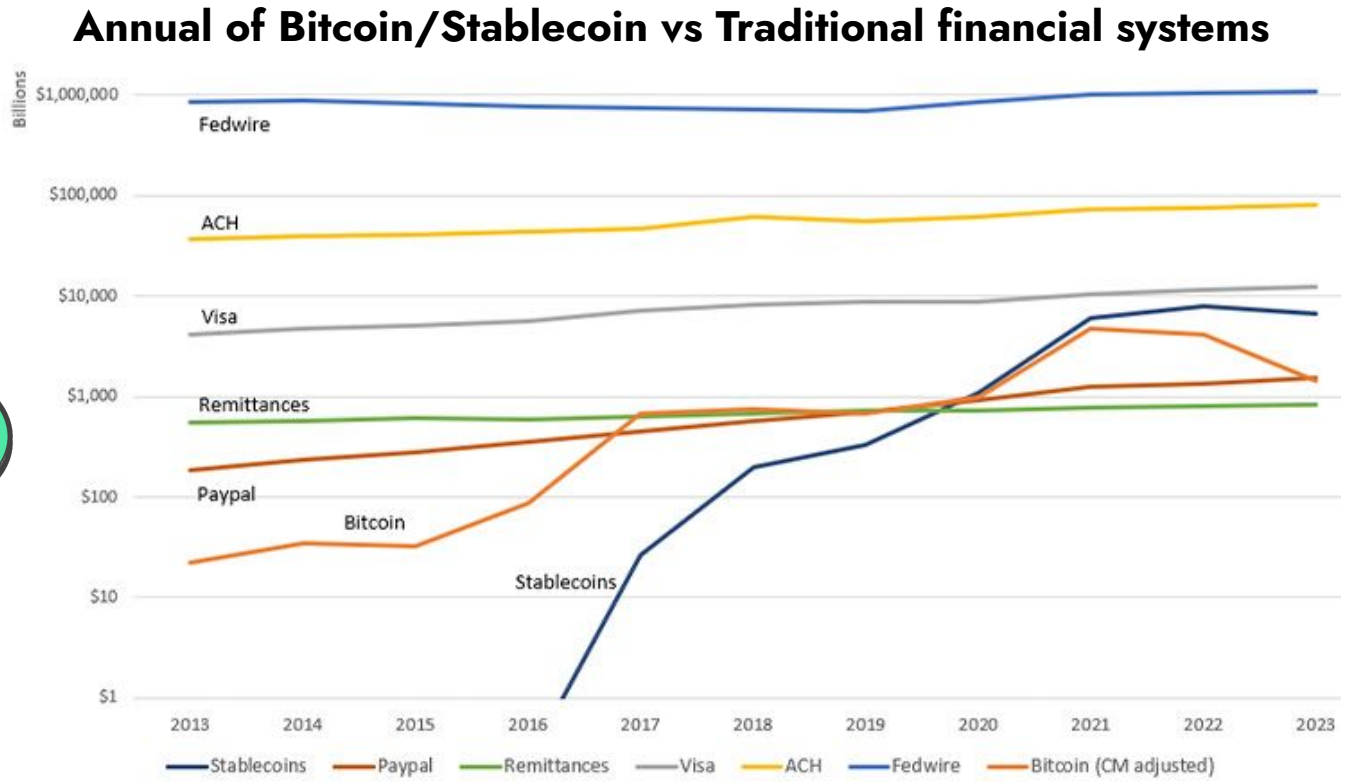
P2P Lending

DEX

Blockchain based (Re)Insurance

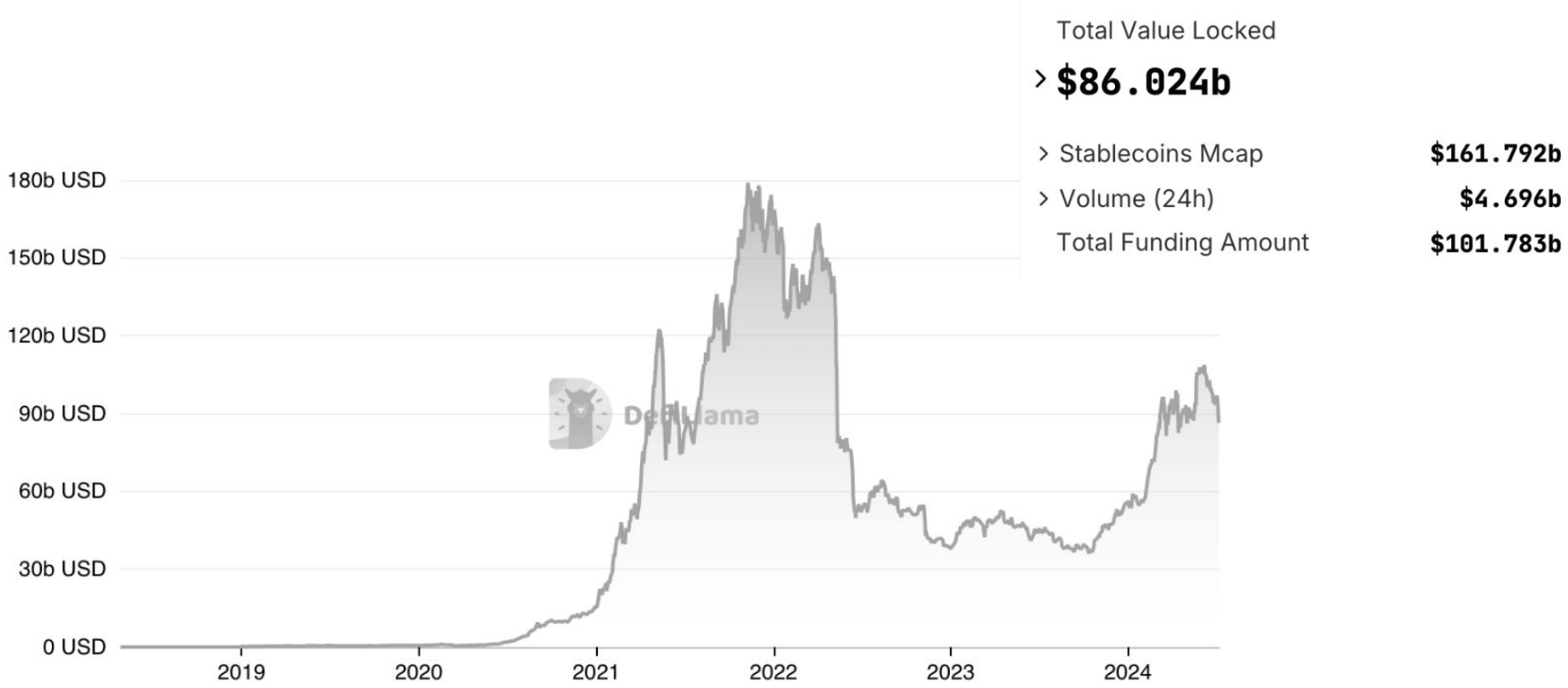
Applications (Stablecoins)





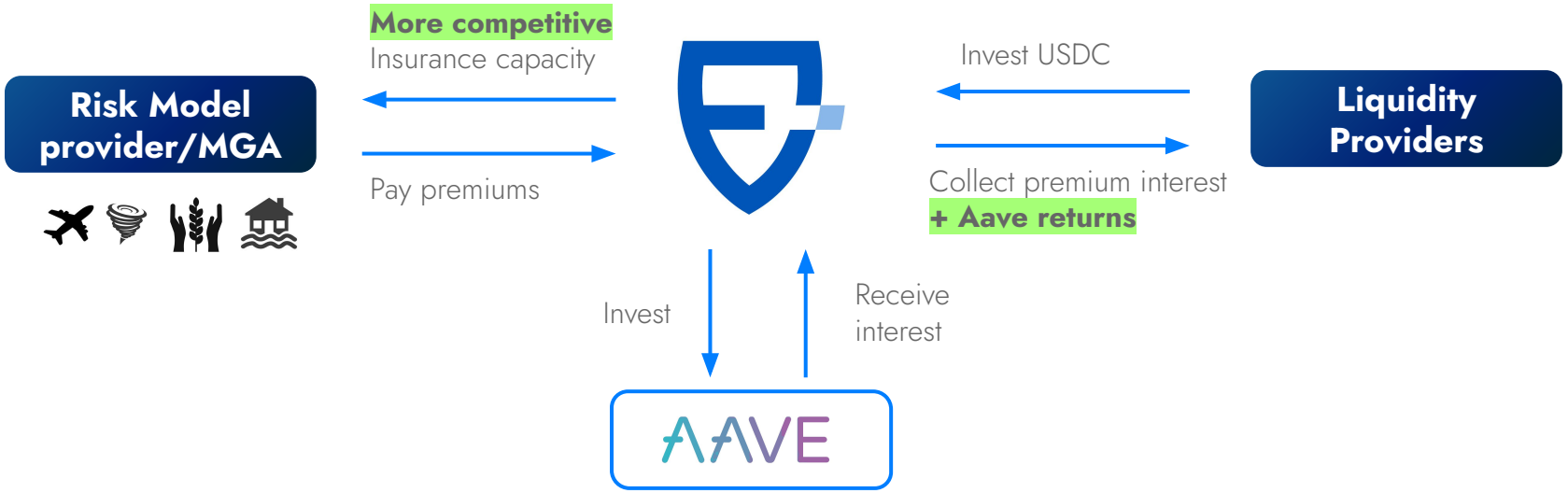
Source: Nic Carter (Castle Island Ventures)

Defi Market size



Ensuro

Ensuro is a blockchain based, fully licensed (Re)insurance company.
The company holds a license as Insurance General Business (IIGB) Digital asset Business License Class M from the Bermuda Monetary Authority (BMA) and can operate as a segregated account company.



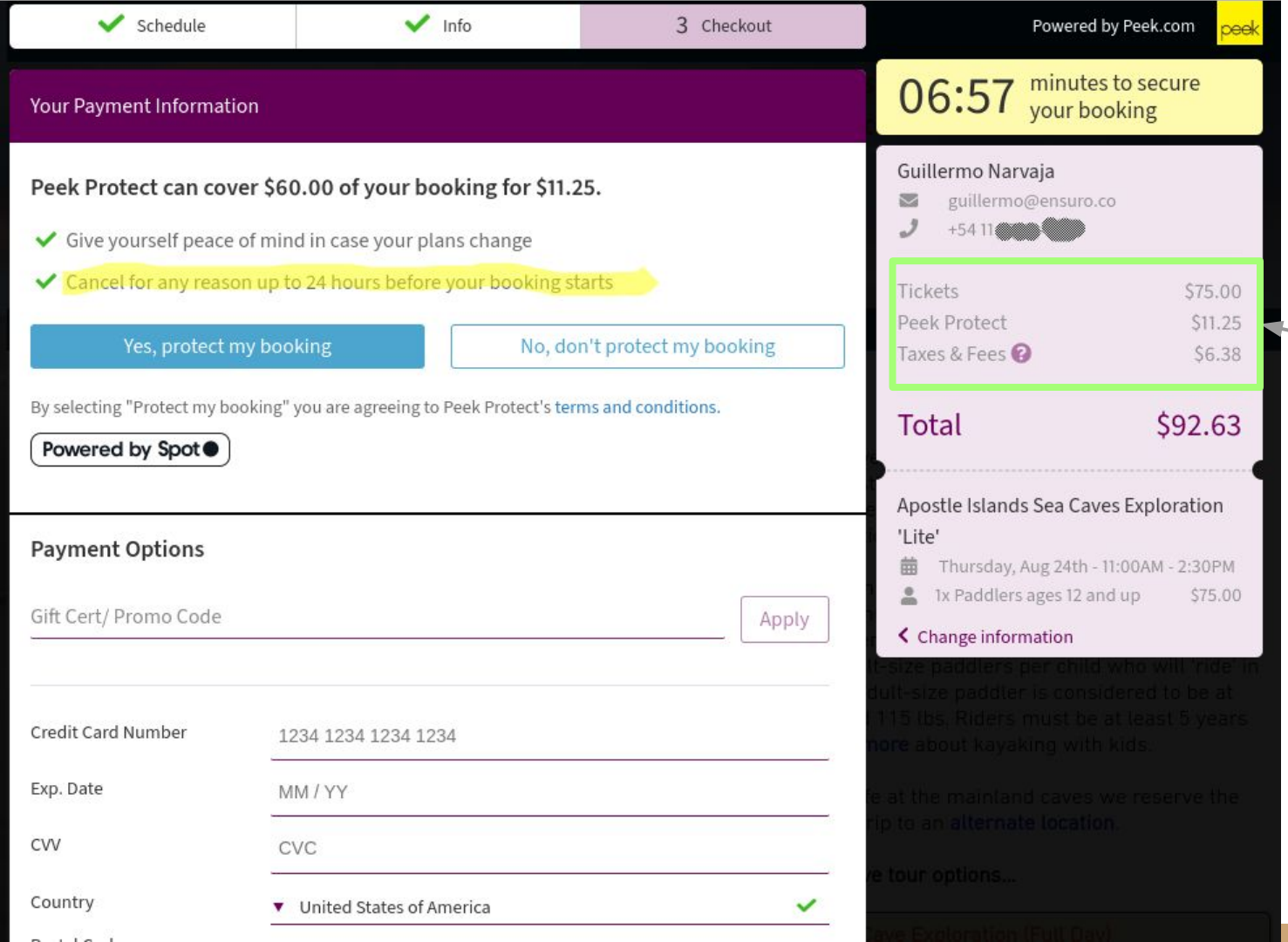
A Live Example

Spot: a flexible cancellation policy for experience reservations.

Customers can cancel the activity for any reason and receive an 80% refund on the cost.

Sold as B2B2C or as B2B as a revenue protection for travel companies

Distributed through US travel experiences providers



Embedded protection bundled in the sale process

Start date

start	expiration	progress	active	expired_on	payout	premium	scr	loss_prob	pure_premium	premium_for_ensuro	premium_for_rm	premium_for_lps	a
2022-08-18	2022-08-24	0.30	true	-	89.80	12.79	20.68	10.50	12.12	0.51	0.13	0.04	
2022-08-18	2022-09-20	0.14	true	-	158.08	22.79	36.14	10.50	21.33	0.89	0.24	0.33	
2022-08-18	2022-09-08	0.11	true	-	54.66	7.84	12.54	10.50	7.37	0.31	0.08	0.07	
2022-08-18	2022-08-25	0.97	true	-	497.94	70.97	114.66	10.50	67.18	2.81	0.74	0.24	
2022-08-18	2022-08-30	0.76	true	-	8.41	1.20	1.93	10.50	1.13	0.05	0.01	0.01	
2022-08-18	2022-09-09	0.35	true	-	77.59	11.13	17.80	10.50	10.47	0.44	0.12	0.11	
2022-08-18	2022-09-27	0.62	true	-	94.50	13.66	21.56	10.50	12.75	0.53	0.14	0.24	
2022-08-18	2022-09-27	0.24	true	-	21.49	3.11	4.90	10.50	2.90	0.12	0.03	0.05	
2022-08-18	2022-08-25	0.99	true	-	304.36	43.37	70.10	10.50	41.07	1.72	0.45	0.13	
2022-08-18	2022-08-26	2.60	true	-	271.21	38.67	62.44	10.50	36.59	1.53	0.40	0.14	
2022-08-18	2022-09-10	0.50	true	-	607.34	87.17	139.24	10.50	81.95	3.43	0.91	0.89	
2022-08-18	2022-09-13	0.26	true	-	415.08	59.66	95.08	10.50	56.01	2.34	0.62	0.69	
2022-08-18	2022-09-22	0.37	true	-	129.93	18.75	29.69	10.50	17.53	0.73	0.20	0.29	
2022-08-18	2022-08-28	100.00	false	2022-08-18	102.78	14.67	23.65	10.50	13.87	0.58	0.15	0.07	
2022-08-18	2022-10-16	100.00	false	2022-08-18	175.16	25.53	39.77	10.50	23.63	0.99	0.27	0.64	

« ‹ 1 / 198 › »

Download Table Data

Expiration date

start	expiration	progress	active	expired_on	payout	premium	scr	loss_prob	pure_premium	premium_for_ensuro	premium_for_rm	premium_for_lps	a
2022-08-18	2022-08-24	0.30	true	-	89.80	12.79	20.68	10.50	12.12	0.51	0.13	0.04	
2022-08-18	2022-09-20	0.14	true	-	158.08	22.79	36.14	10.50	21.33	0.89	0.24	0.33	
2022-08-18	2022-09-08	0.11	true	-	54.66	7.84	12.54	10.50	7.37	0.31	0.08	0.07	
2022-08-18	2022-08-25	0.97	true	-	497.94	70.97	114.66	10.50	67.18	2.81	0.74	0.24	
2022-08-18	2022-08-30	0.76	true	-	8.41	1.20	1.93	10.50	1.13	0.05	0.01	0.01	
2022-08-18	2022-09-09	0.35	true	-	77.59	11.13	17.80	10.50	10.47	0.44	0.12	0.11	
2022-08-18	2022-09-27	0.62	true	-	94.50	13.66	21.56	10.50	12.75	0.53	0.14	0.24	
2022-08-18	2022-09-27	0.24	true	-	21.49	3.11	4.90	10.50	2.90	0.12	0.03	0.05	
2022-08-18	2022-08-25	0.99	true	-	304.36	43.37	70.10	10.50	41.07	1.72	0.45	0.13	
2022-08-18	2022-08-26	2.60	true	-	271.21	38.67	62.44	10.50	36.59	1.53	0.40	0.14	
2022-08-18	2022-09-10	0.50	true	-	607.34	87.17	139.24	10.50	81.95	3.43	0.91	0.89	
2022-08-18	2022-09-13	0.26	true	-	415.08	59.66	95.08	10.50	56.01	2.34	0.62	0.69	
2022-08-18	2022-09-22	0.37	true	-	129.93	18.75	29.69	10.50	17.53	0.73	0.20	0.29	
2022-08-18	2022-08-28	100.00	false	2022-08-18	102.78	14.67	23.65	10.50	13.87	0.58	0.15	0.07	
2022-08-18	2022-10-16	100.00	false	2022-08-18	175.16	25.53	39.77	10.50	23.63	0.99	0.27	0.64	

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Download Table Data

Payout

start	expiration	progress	active	expired_on	payout	premium	scr	loss_prob	pure_premium	premium_for_ensuro	premium_for_rm	premium_for_lps	a
2022-08-18	2022-08-24	0.30	true	-	89.80	12.79	20.68	10.50	12.12	0.51	0.13	0.04	
2022-08-18	2022-09-20	0.14	true	-	158.08	22.79	36.14	10.50	21.33	0.89	0.24	0.33	
2022-08-18	2022-09-08	0.11	true	-	54.66	7.84	12.54	10.50	7.37	0.31	0.08	0.07	
2022-08-18	2022-08-25	0.97	true	-	497.94	70.97	114.66	10.50	67.18	2.81	0.74	0.24	
2022-08-18	2022-08-30	0.76	true	-	8.41	1.20	1.93	10.50	1.13	0.05	0.01	0.01	
2022-08-18	2022-09-09	0.35	true	-	77.59	11.13	17.80	10.50	10.47	0.44	0.12	0.11	
2022-08-18	2022-09-27	0.62	true	-	94.50	13.66	21.56	10.50	12.75	0.53	0.14	0.24	
2022-08-18	2022-09-27	0.24	true	-	21.49	3.11	4.90	10.50	2.90	0.12	0.03	0.05	
2022-08-18	2022-08-25	0.99	true	-	304.36	43.37	70.10	10.50	41.07	1.72	0.45	0.13	
2022-08-18	2022-08-26	2.60	true	-	271.21	38.67	62.44	10.50	36.59	1.53	0.40	0.14	
2022-08-18	2022-09-10	0.50	true	-	607.34	87.17	139.24	10.50	81.95	3.43	0.91	0.89	
2022-08-18	2022-09-13	0.26	true	-	415.08	59.66	95.08	10.50	56.01	2.34	0.62	0.69	
2022-08-18	2022-09-22	0.37	true	-	129.93	18.75	29.69	10.50	17.53	0.73	0.20	0.29	
2022-08-18	2022-08-28	100.00	false	2022-08-18	102.78	14.67	23.65	10.50	13.87	0.58	0.15	0.07	
2022-08-18	2022-10-16	100.00	false	2022-08-18	175.16	25.53	39.77	10.50	23.63	0.99	0.27	0.64	

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Download Table Data

Premium

start	expiration	progress	active	expired_on	payout	premium	scr	loss_prob	pure_premium	premium_for_ensuro	premium_for_rm	premium_for_lps	a
2022-08-18	2022-08-24	0.30	true	-	89.80	12.79	20.68	10.50	12.12	0.51	0.13	0.04	
2022-08-18	2022-09-20	0.14	true	-	158.08	22.79	36.14	10.50	21.33	0.89	0.24	0.33	
2022-08-18	2022-09-08	0.11	true	-	54.66	7.84	12.54	10.50	7.37	0.31	0.08	0.07	
2022-08-18	2022-08-25	0.97	true	-	497.94	70.97	114.66	10.50	67.18	2.81	0.74	0.24	
2022-08-18	2022-08-30	0.76	true	-	8.41	1.20	1.93	10.50	1.13	0.05	0.01	0.01	
2022-08-18	2022-09-09	0.35	true	-	77.59	11.13	17.80	10.50	10.47	0.44	0.12	0.11	
2022-08-18	2022-09-27	0.62	true	-	94.50	13.66	21.56	10.50	12.75	0.53	0.14	0.24	
2022-08-18	2022-09-27	0.24	true	-	21.49	3.11	4.90	10.50	2.90	0.12	0.03	0.05	
2022-08-18	2022-08-25	0.99	true	-	304.36	43.37	70.10	10.50	41.07	1.72	0.45	0.13	
2022-08-18	2022-08-26	2.60	true	-	271.21	38.67	62.44	10.50	36.59	1.53	0.40	0.14	
2022-08-18	2022-09-10	0.50	true	-	607.34	87.17	139.24	10.50	81.95	3.43	0.91	0.89	
2022-08-18	2022-09-13	0.26	true	-	415.08	59.66	95.08	10.50	56.01	2.34	0.62	0.69	
2022-08-18	2022-09-22	0.37	true	-	129.93	18.75	29.69	10.50	17.53	0.73	0.20	0.29	
2022-08-18	2022-08-28	100.00	false	2022-08-18	102.78	14.67	23.65	10.50	13.87	0.58	0.15	0.07	
2022-08-18	2022-10-16	100.00	false	2022-08-18	175.16	25.53	39.77	10.50	23.63	0.99	0.27	0.64	

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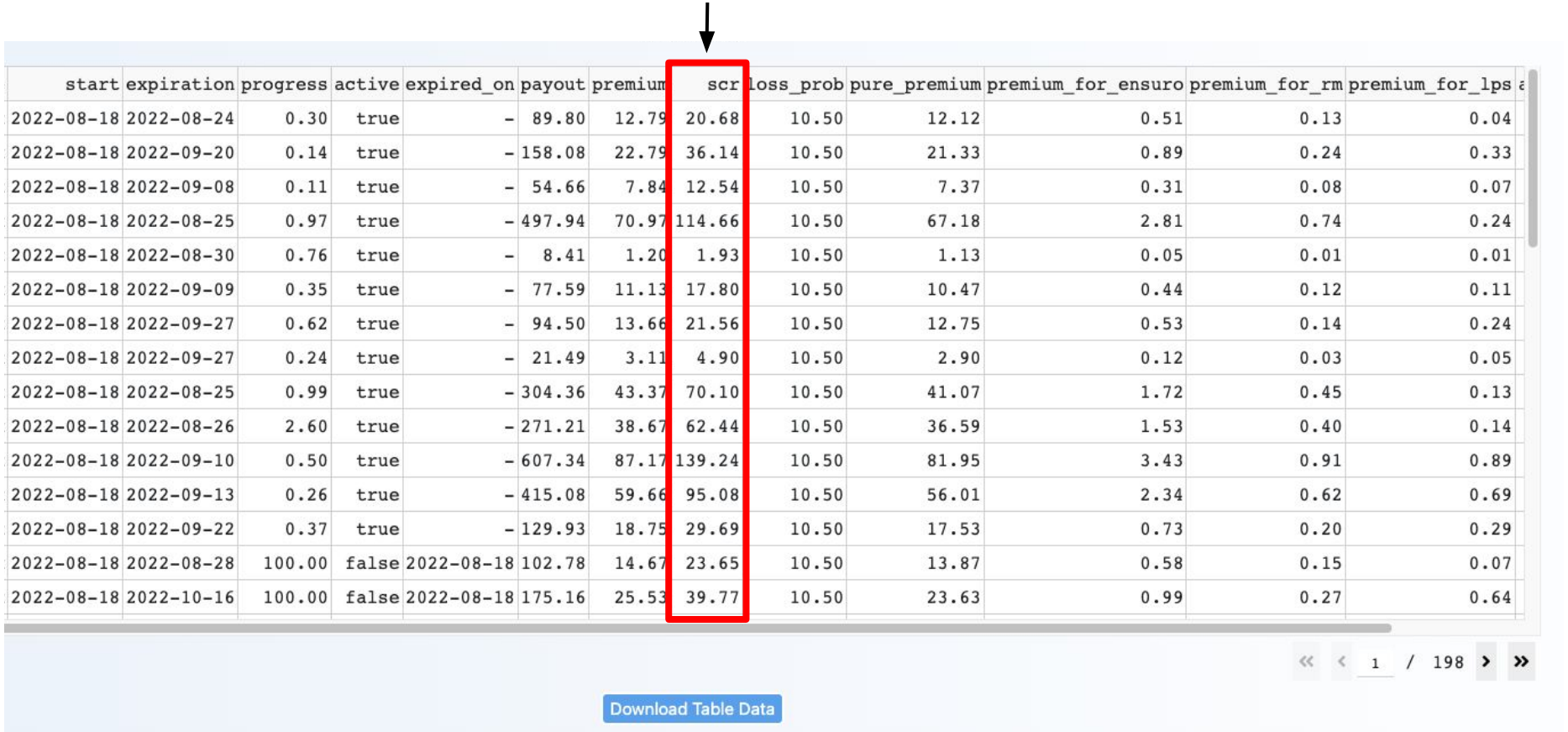
Download Table Data

Capital locked for Solvency



start	expiration	progress	active	expired_on	payout	premium	scr	loss_prob	pure_premium	premium_for_ensuro	premium_for_rm	premium_for_lps	a
2022-08-18	2022-08-24	0.30	true	-	89.80	12.79	20.68	10.50	12.12	0.51	0.13	0.04	
2022-08-18	2022-09-20	0.14	true	-	158.08	22.79	36.14	10.50	21.33	0.89	0.24	0.33	
2022-08-18	2022-09-08	0.11	true	-	54.66	7.84	12.54	10.50	7.37	0.31	0.08	0.07	
2022-08-18	2022-08-25	0.97	true	-	497.94	70.97	114.66	10.50	67.18	2.81	0.74	0.24	
2022-08-18	2022-08-30	0.76	true	-	8.41	1.20	1.93	10.50	1.13	0.05	0.01	0.01	
2022-08-18	2022-09-09	0.35	true	-	77.59	11.13	17.80	10.50	10.47	0.44	0.12	0.11	
2022-08-18	2022-09-27	0.62	true	-	94.50	13.66	21.56	10.50	12.75	0.53	0.14	0.24	
2022-08-18	2022-09-27	0.24	true	-	21.49	3.11	4.90	10.50	2.90	0.12	0.03	0.05	
2022-08-18	2022-08-25	0.99	true	-	304.36	43.37	70.10	10.50	41.07	1.72	0.45	0.13	
2022-08-18	2022-08-26	2.60	true	-	271.21	38.67	62.44	10.50	36.59	1.53	0.40	0.14	
2022-08-18	2022-09-10	0.50	true	-	607.34	87.17	139.24	10.50	81.95	3.43	0.91	0.89	
2022-08-18	2022-09-13	0.26	true	-	415.08	59.66	95.08	10.50	56.01	2.34	0.62	0.69	
2022-08-18	2022-09-22	0.37	true	-	129.93	18.75	29.69	10.50	17.53	0.73	0.20	0.29	
2022-08-18	2022-08-28	100.00	false	2022-08-18	102.78	14.67	23.65	10.50	13.87	0.58	0.15	0.07	
2022-08-18	2022-10-16	100.00	false	2022-08-18	175.16	25.53	39.77	10.50	23.63	0.99	0.27	0.64	

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Download Table Data

Interest for Investors

start	expiration	progress	active	expired_on	payout	premium	scr	loss_prob	pure_premium	premium_for_ensuro	premium_for_rm	premium_for_lps
2022-08-18	2022-08-24	0.30	true	-	89.80	12.79	20.68	10.50	12.12	0.51	0.13	0.04
2022-08-18	2022-09-20	0.14	true	-	158.08	22.79	36.14	10.50	21.33	0.89	0.24	0.33
2022-08-18	2022-09-08	0.11	true	-	54.66	7.84	12.54	10.50	7.37	0.31	0.08	0.07
2022-08-18	2022-08-25	0.97	true	-	497.94	70.97	114.66	10.50	67.18	2.81	0.74	0.24
2022-08-18	2022-08-30	0.76	true	-	8.41	1.20	1.93	10.50	1.13	0.05	0.01	0.01
2022-08-18	2022-09-09	0.35	true	-	77.59	11.13	17.80	10.50	10.47	0.44	0.12	0.11
2022-08-18	2022-09-27	0.62	true	-	94.50	13.66	21.56	10.50	12.75	0.53	0.14	0.24
2022-08-18	2022-09-27	0.24	true	-	21.49	3.11	4.90	10.50	2.90	0.12	0.03	0.05
2022-08-18	2022-08-25	0.99	true	-	304.36	43.37	70.10	10.50	41.07	1.72	0.45	0.13
2022-08-18	2022-08-26	2.60	true	-	271.21	38.67	62.44	10.50	36.59	1.53	0.40	0.14
2022-08-18	2022-09-10	0.50	true	-	607.34	87.17	139.24	10.50	81.95	3.43	0.91	0.89
2022-08-18	2022-09-13	0.26	true	-	415.08	59.66	95.08	10.50	56.01	2.34	0.62	0.69
2022-08-18	2022-09-22	0.37	true	-	129.93	18.75	29.69	10.50	17.53	0.73	0.20	0.29
2022-08-18	2022-08-28	100.00	false	2022-08-18	102.78	14.67	23.65	10.50	13.87	0.58	0.15	0.07
2022-08-18	2022-10-16	100.00	false	2022-08-18	175.16	25.53	39.77	10.50	23.63	0.99	0.27	0.64

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Download Table Data

Real-time Analytics

Spot

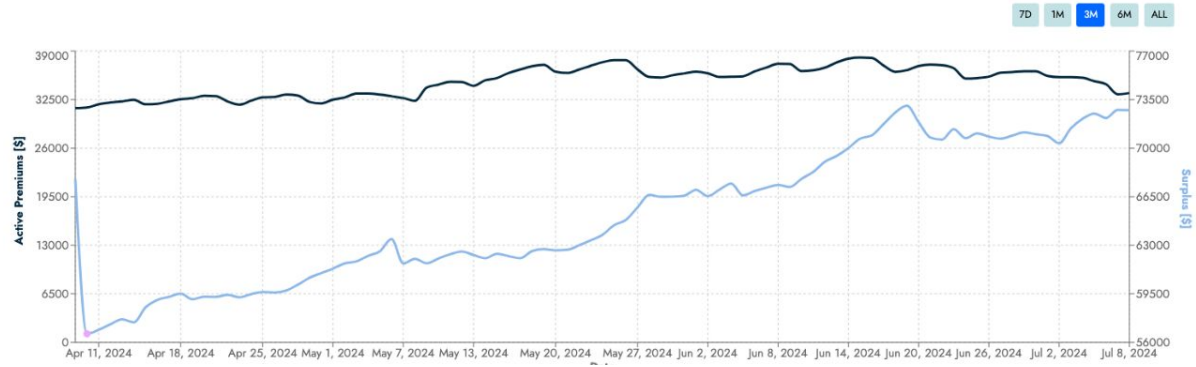
4,153	$401.4K	$195.3K	$72.7K
Active Policies	GWP	SCR	Surplus/Deficit

Spot was founded in 2017 by a team of industry experts in the insurance sector with a shared passion for skiing, cycling, and outdoor activities. Spot has established partnerships with various businesses and organizations in the active lifestyle space, striving to deliver cost-effective coverage solutions.

More information

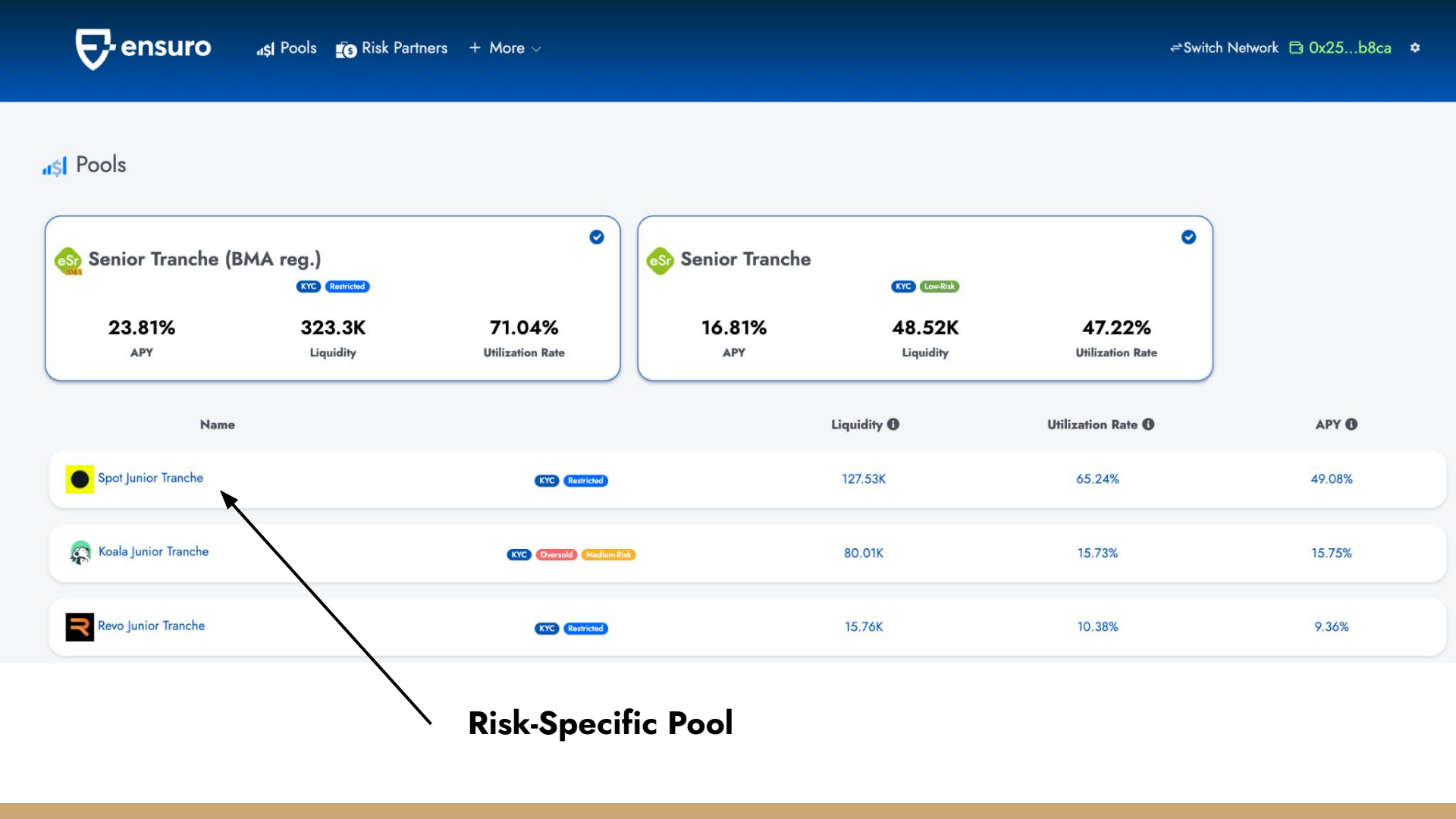
- Website
- Opportunities - Spot
- Spot Product

Cashflow



View contract in the block explorer

JR Loan Limit	50K
SR Loan Limit	100K
Asset Manager	0x9D...8524
Max Deficit	33.38K
Junior Pool	Spot Junior Tranche
Senior Pool	Senior Tranche (BMA reg.)


ensuro
Pools
Risk Partners
+ More
Switch Network
0x25...b8ca
Pools
Senior Tranche (BMA reg.)
KYC
Restricted
23.81%
APY
323.3K
Liquidity
71.04%
Utilization Rate
Senior Tranche
KYC
Low-Risk
16.81%
APY
48.52K
Liquidity
47.22%
Utilization Rate
Name
Liquidity
Utilization Rate
APY
Spot Junior Tranche
KYC
Restricted
127.53K
65.24%
49.08%
Koala Junior Tranche
KYC
Oversold
Medium-Risk
80.01K
15.73%
15.75%
Revo Junior Tranche
KYC
Restricted
15.76K
10.38%
9.36%
Risk-Specific Pool

ensuro Pools Portfolios Risks + More Connect

Pools > eSr Senior Tranche

11.96%
APY

$691.8K
Liquidity

Total SCR
503.77K

Liquidity
691.75K

Risks Breakdown

Koala v2
99.71%

Koala Partner B

502.4K
99.71%

Koala v2

ct a wallet to view your personal information here

Connect

View contract in the block explorer

Pool Loan Interest Rate	5%
Min Utilization Rate	60%
Max Utilization Rate	95%

ensuro

Connect your wallet

Connecting your wallet is like "logging in" to Web3. Select your wallet from the options to get started.

I don't have a wallet

powered by blocknative

Available Wallets (6)

- Binance Smart Wallet
- MetaMask
- Coinbase Wallet
- WalletConnect
- Ledger
- Track Wallet

Why don't I see my Wallet?
Click here to learn more

Spot Junior Tranche

49.08%	65.2%	$83.2K	$127.5K
APY	Utilization Rate	SCR	Liquidity

Spot was founded in 2017 by a team of industry experts in the insurance sector with a shared passion for skiing, cycling, and outdoor activities. Spot has established partnerships with various businesses and organizations in the active lifestyle space, striving to deliver cost-effective coverage solutions.

More information

- Website
- Opportunities - Spot
- Spot Product

Capital Locked for Solvency

Total SCR
83.2K

Liquidity
127.53K

Utilization Rate 65.2%

Unlock Schedule

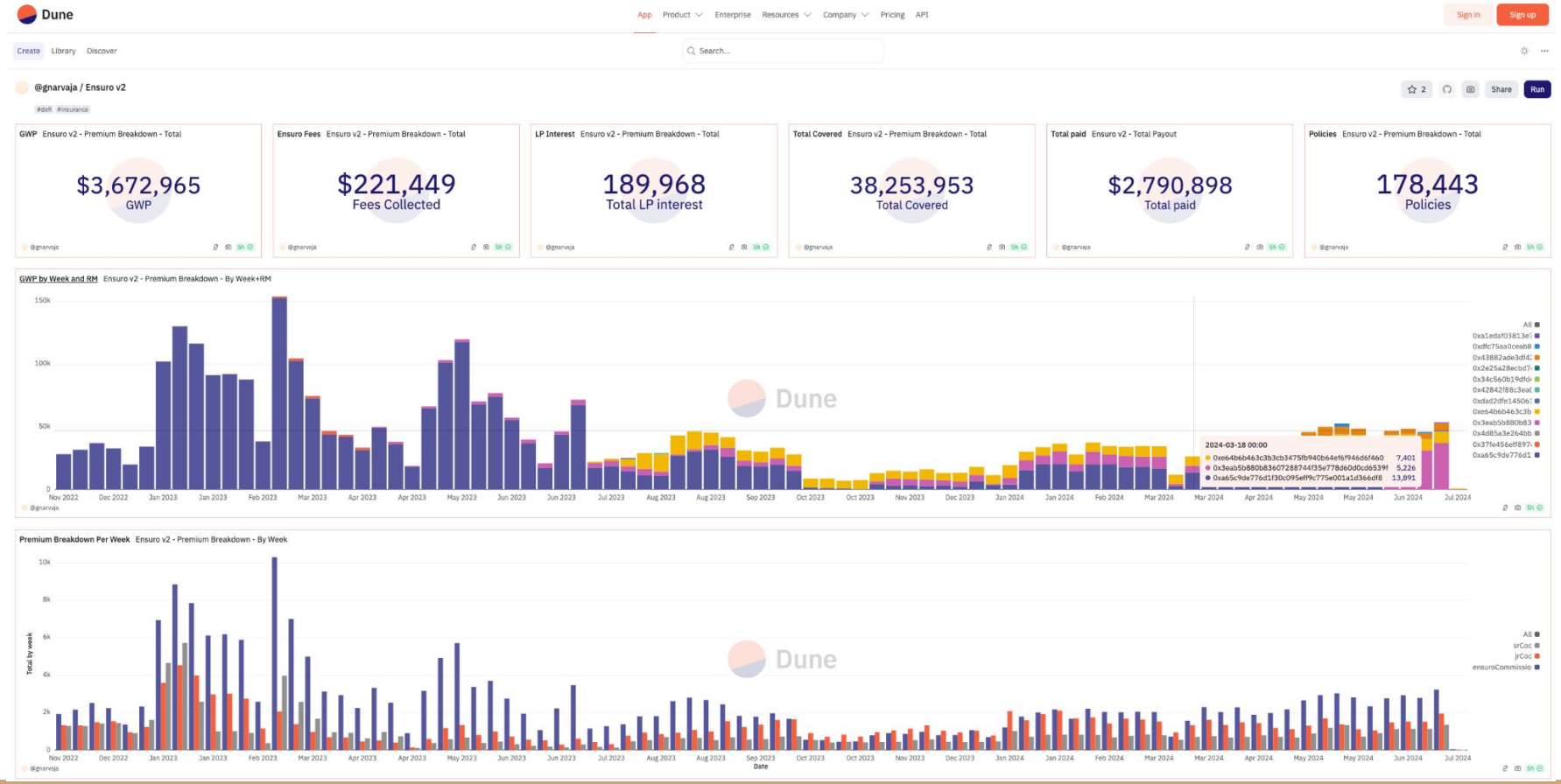
Your Info

Available to Supply	0 USDC.e
Your Balance	95,313.48 eUSDCGSJr
Net Deposits	64,777.9 eUSDCGSJr
Earned	30,535.58 eUSDCGSJr

Deposit Withdraw

Duration and Composition

Public Analytics (Dune)



Questions?

Marco Mirabella

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Telegram: @marcomirabella