



Crafting DeFi backed NFT

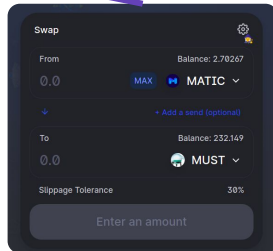
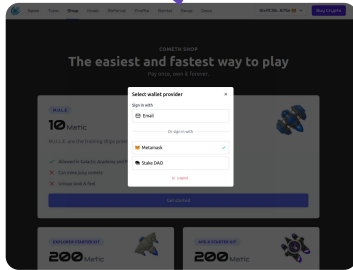
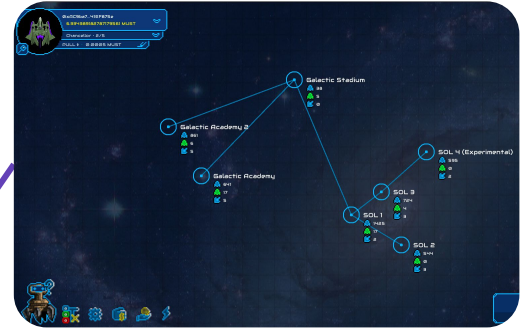
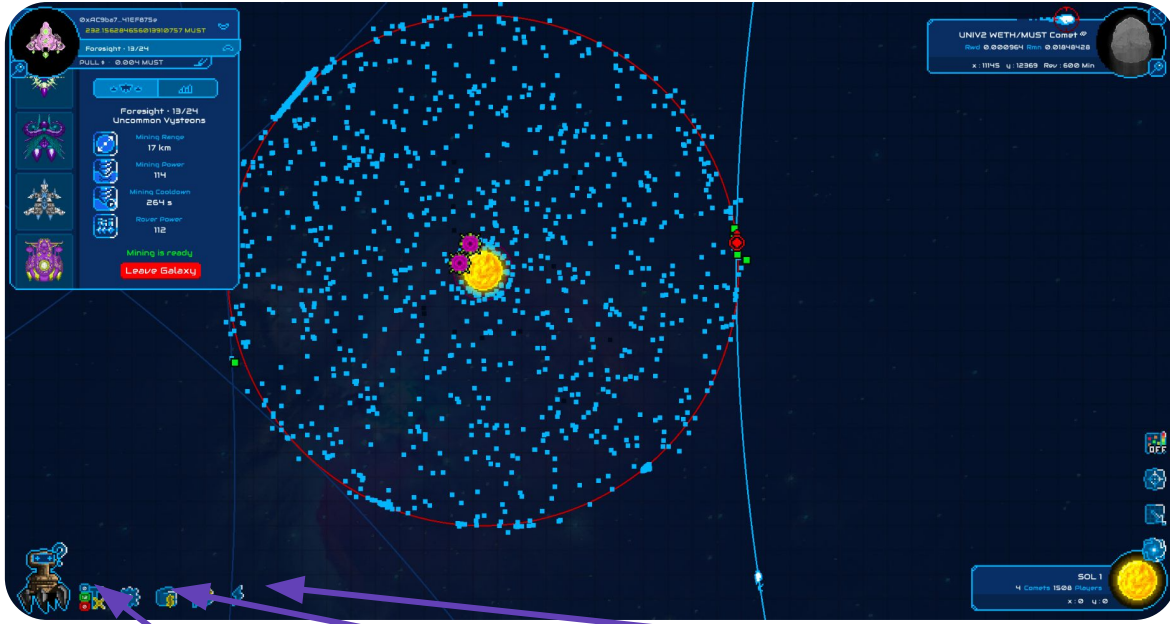


Nice to meet you!

- `vincent@cometh.io`
- Cometh CTO
- See you at EthCC in July!!

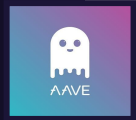


At Cometh we run games on chain...



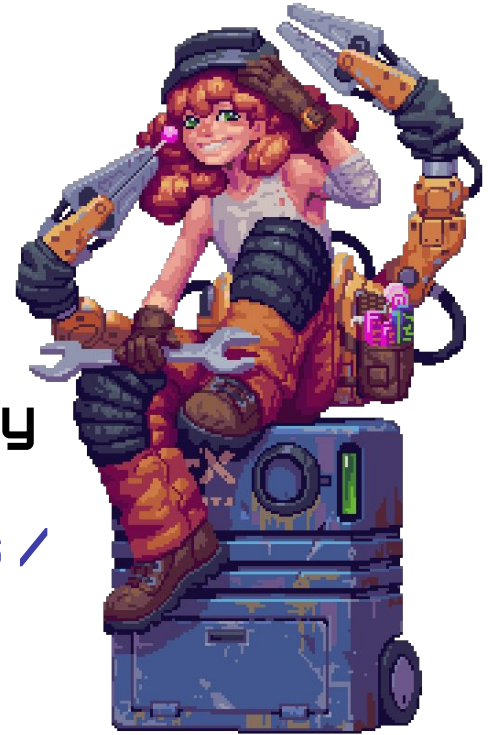
New Game in Public Beta: 180,000+ sessions!

- Free to play & mobile Friendly
- Tournaments with cash prizes
- Full light integration of all NFTs Chill your collection
- Seamless gamified interaction of major DeFi protocols
- Let's chat if you want a custom NFT integration
- [Battle.cometh.io](https://battle.cometh.io)



Having an economy in a game

1. Assets (Resources + Items) with in game utility
2. Trading services for the Assets
3. Production and recycling functions
4. Game design rules for the accessibility of the assets
5. Eventually, tooling for **Usus / Fructus / Abusus** composability (like Rentals, Cooperatives, Guilds etc.)

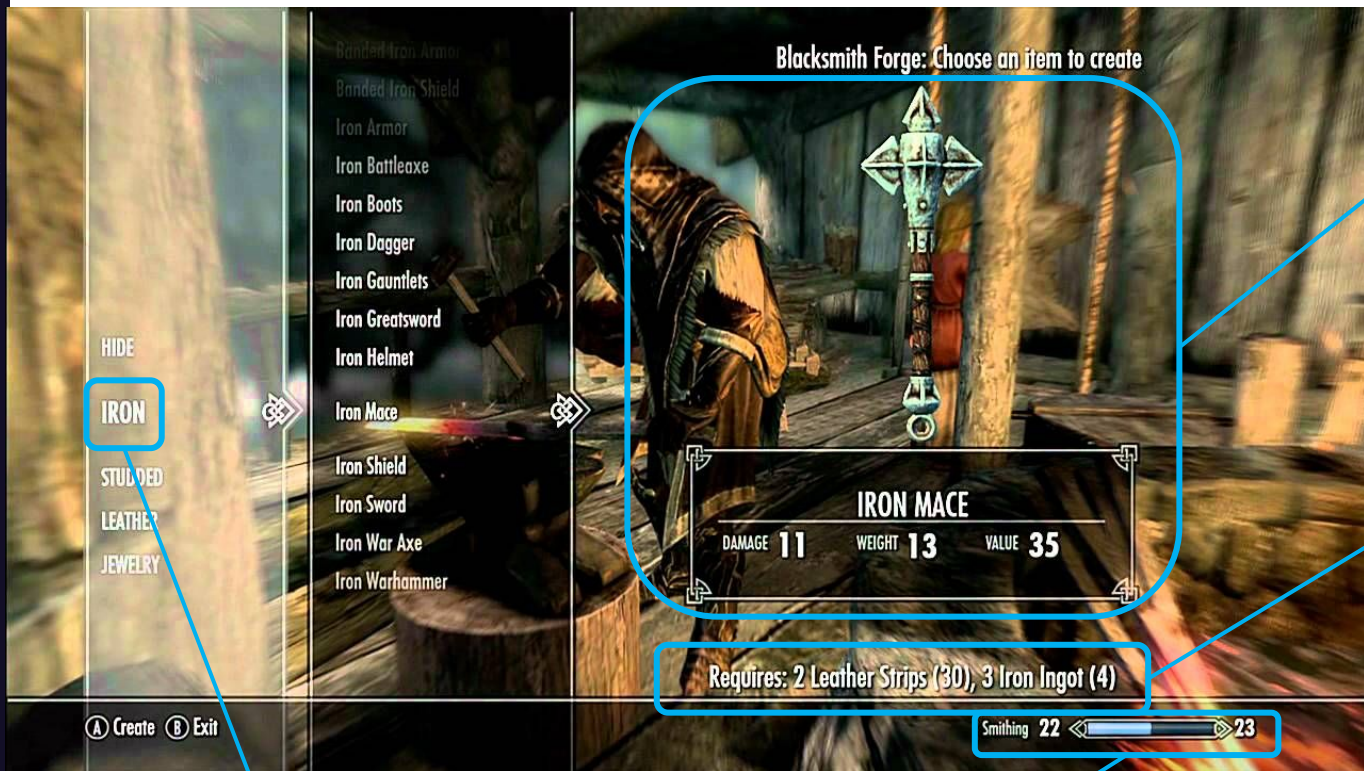


How to do that with Blockchain?



1. ERC20, NFT, Souldbound items
2. AMM & Marketplaces
3. [BLOCKCHAIN BASED CRAFTING](#)
4. (Talk to a game designer)
5. Asset management through EoA with distribution tables on [Usus - Fructus - Abusus](#) (not super easy to spin)

Why is crafting so good on blockchain



Metadata

Recipe

Game Design Rules

Why is crafting so good on blockchain



- The item (and its metadata) is stored in a token
 - It inherits the property of the blockchain
- Recipes can be dynamic and market based
- Allow for new forms of fair “subscription” models

Towards an item crafting standard

Recipe:

- Burning ERC20s or NFTs
- Depositing ERC20 on a DeFi protocol
- Randomness sources

Crafted Game item:

- Transferable or Souldbound
- Grindable
 - Embedded floor price



Example: LP based crafting recipes

Swap

From Balance: 55132.7
1000 MAX AI

To (estimated) Balance: 12015
252.974 W

Price 3.95296 AI per W
Slippage Tolerance 9%

Swap

Minimum received 232 W
Price Impact <0.01%
Liquidity Provider Fee 14.92 AI
Route AI > Mg > Cu > W

Craft

Booster 1 card
Edition Genesis

Booster 5 cards
Edition Genesis

Boosters

You don't have boosters yet. Craft some and open them!

Welcome to my laboratory, here you can craft card booster using resources you get by winning Battles.

Each booster gives you:
75% to get a common
20% to get an uncommon
5% to get a rare or mythic

BUY MORE BUY MORE BUY MORE BUY MORE

 Al 313.122	 Mg 261.674	 W 62.834	 Cu 53.808
55132.766	42841.646	12015.070	9327.391

Craft

Example: LP based crafting recipes

Recipe for Booster 1 Card :

- 1 Liquidity Pool token Al/Mg
- 1 Liquidity Pool token W/Cu



What if ... Someone buys a ton of Al ?

- Creating 1 LP-Al/Mg requires **less Al and more Mg for everyone**
- Grinding previously emitted items will return more Mg **(and trading fees)**



Example: Let's craft

Craft

	Booster 1 card Edition Genesis
	Booster 5 cards Edition Genesis





My Boosters

You dont have boosters yet. Craft some and open them!




Welcome to my laboratory, here you can craft card booster using resources you get by winning Battles.

Each booster gives you:
75% to get a common
20% to get an uncommon
5% to get a rare or mythic

BUY MORE	BUY MORE	BUY MORE	BUY MORE
 Al 1467.759	 Mg 1226.600	 W 299.670	 Cu 256.623
53665.006	41615.045	11715.400	9070.767

[Craft](#)



Example: Let's craft

Transaction Hash: [0x3d167119e685137ff722dc935fa9279e1a4eec4eb355840f195b1d0016916d21](#)

Status: Success

Block: [28745912](#) 4 Block Confirmations

Timestamp: 25 secs ago (May-25-2022 08:48:01 AM +UTC)

From: [0xdc1b5ae805313b2102d273dd7b153e56a7dc64c1](#)

Interacted With (To): Contract [0xe29c9a493ede58028163ab04215e18a8acd0472c](#)

Tokens Transferred: **7**

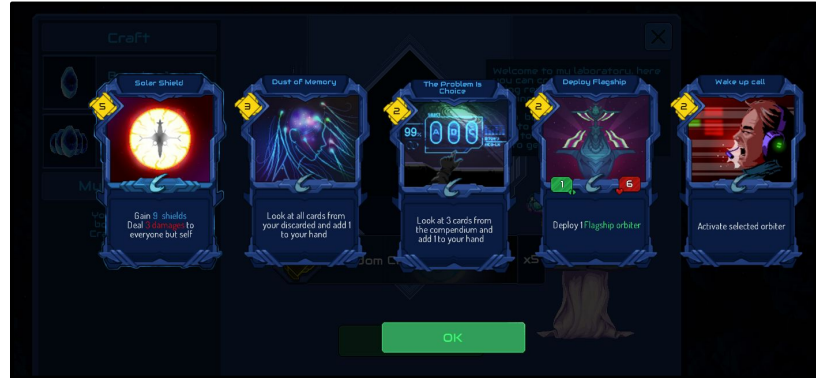
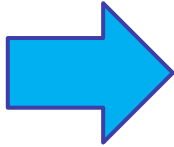
- From [0xdc1b5ae805313...](#) To [0x5abbc2ed2a44...](#) For 1,467.759983830905526882
- From [0xdc1b5ae805313...](#) To [0x5abbc2ed2a44...](#) For 1,226.600602844387371314
- From Null Address: [0x00...](#) To [0x9c25ee0f93812...](#) For 1,341.600000000000000009
- From [0xdc1b5ae805313...](#) To [0x9985695060b36...](#) For 299.670470683420730786
- From [0xdc1b5ae805313...](#) To [0x9985695060b36...](#) For 256.623517399487881944
- From Null Address: [0x00...](#) To [0x9c25ee0f93812...](#) For 277.264000000000000009
- From [0x9c25ee0f93812...](#) To [0x3d2341adb2d31...](#) For 0.0001 (\$0.00)

Recipe

RNG +
emission



Example: Let's craft



Transaction Action:

- › Mint of Cometh Items (Cometh...) To 0xdc1b5ae805313b2102d273dd7b153e56a7dc64c1
 - › 1 of Token ID [19343003791487671265...]
 - › 1 of Token ID [38686250278233319825...]
 - › 1 of Token ID [19342900828516064249...]
 - › 1 of Token ID [19343137929258278831...]
 - › 1 of Token ID [19343106699802634277...]
- › Burn of Cometh Items (Cometh...) From 0xdc1b5ae805313b2102d273dd7b153e56a7dc64c1
 - › 1 of Token ID [32882784968776657954...]

Tokens Transferred: (6 ERC-721 Transfers found)

- › From Null Address: 0x00... To 0xdc1b5ae805313... For ERC-721 TokenID [19343003791487671265312320] Cometh Items (Cometh...)
- › From Null Address: 0x00... To 0xdc1b5ae805313... For ERC-721 TokenID [38686250278233319825193465] Cometh Items (Cometh...)
- › From Null Address: 0x00... To 0xdc1b5ae805313... For ERC-721 TokenID [19342900828516064249749976] Cometh Items (Cometh...)
- › From Null Address: 0x00... To 0xdc1b5ae805313... For ERC-721 TokenID [19343137929258278831969323] Cometh Items (Cometh...)
- › From Null Address: 0x00... To 0xdc1b5ae805313... For ERC-721 TokenID [19343106699802634277615394] Cometh Items (Cometh...)
- › From 0xdc1b5ae805313... To Null Address: 0x00... For ERC-721 TokenID [328827849687766579546132684] Cometh Items (Cometh...)

And grind...



🔍 Tokens Transferred: 14

- From 0x9c25ee0f93812... To 0x91197719be344... For 254.90400000000000000001 🔄 Uniswap V2 (UNI-V2)
- From 0x91197719be344... To 0x5abbc2ed2a44... For 254.90400000000000000001 🔄 Uniswap V2 (UNI-V2)
- From 0x5abbc2ed2a44... To Null Address: 0x00... For 254.90400000000000000001 🔄 Uniswap V2 (UNI-V2)
- From 0x5abbc2ed2a44... To 0x91197719be344... For 278.874396927872050106 🔄 Aluminium (Al)
- From 0x5abbc2ed2a44... To 0x91197719be344... For 233.054114540433600548 🔄 Magnesium (Mg)
- From 0x91197719be344... To 0xdc1b5ae805313... For 278.874396927872050106 🔄 Aluminium (Al)
- From 0x91197719be344... To 0xdc1b5ae805313... For 233.054114540433600548 🔄 Magnesium (Mg)
- From 0x9c25ee0f93812... To 0x91197719be344... For 52.68016000000000000001 🔄 Uniswap V2 (UNI-V2)
- From 0x91197719be344... To 0x9985695060b36... For 52.68016000000000000001 🔄 Uniswap V2 (UNI-V2)
- From 0x9985695060b36... To Null Address: 0x00... For 52.68016000000000000001 🔄 Uniswap V2 (UNI-V2)
- From 0x9985695060b36... To 0x91197719be344... For 56.937389429849938848 🔄 Tungsten (W)
- From 0x9985695060b36... To 0x91197719be344... For 48.758468305902697568 🔄 Copper (Cu)
- From 0x91197719be344... To 0xdc1b5ae805313... For 56.937389429849938848 🔄 Tungsten (W)
- From 0x91197719be344... To 0xdc1b5ae805313... For 48.758468305902697568 🔄 Copper (Cu)

🔍 Tokens Transferred:
(2 ERC-721 Transfers found)

- From 0xdc1b5ae805313... To 0x91197719be344... For ERC-721 TokenID [19343034593608297232764893] 🔄 Cometh Items (Cometh...)
- From 0x91197719be344... To Null Address: 0x00... For ERC-721 TokenID [19343034593608297232764893] 🔄 Cometh Items (Cometh...)



Or keep the card to play or sell

The screenshot shows the COMETH Marketplace interface. At the top, there is a navigation bar with links for Home, Games, Tournament, Marketplace, Rental, Economics, and About. A user ID 'Oxdcib...64c1' is displayed in the top right corner. The main heading is 'MARKETPLACE'. Below this, there are two tabs: 'Spaceships' and 'Card', with 'Card' being the active tab. A dropdown menu on the right shows 'Most expensive' with a downward arrow. On the left, a 'Filter by' sidebar is visible, containing a 'filter enabled | Reset' button, a 'Status' dropdown, an 'On Sale' checkbox, and 'Scarcities' and 'Model' dropdowns. The main area displays a grid of eight 'Wake up call' cards. Each card features a character's face in a cockpit. Below each card, the name 'Wake up call' is shown, followed by a price tag icon, a numerical value, and a dollar amount in parentheses. The prices are: 8.5 (\$5.49), 5 (\$3.23), 5 (\$3.23), 3.8 (\$2.45) in the first row; and 3.8 (\$2.45) in the second row.

Card Name	Price (COMETH)	Price (USD)
Wake up call	8.5	(\$5.49)
Wake up call	5	(\$3.23)
Wake up call	5	(\$3.23)
Wake up call	3.8	(\$2.45)
Wake up call	3.8	(\$2.45)
Wake up call		
Wake up call		
Wake up call		



What's next? How?

It's open source

It's audited (once)

It's live

It's compatible with any DeFi
protocols (did anybody say,
deposit on Curve?)

Join us!



Thank you!

