

How to Buy \$BCT - Dare to DeFi

By The Hungry Giraffe, The Angry Lion and Andrew Bakst

Carbon just became an investable asset, which is a huge deal because it literally let's us solve climate change from our couches. As the price of Carbon goes up, climate change goes down. That's how incentives work.

Diagram of Price of Carbon up -> companies incentivized to capture carbon, make products that don't create carbon, produce less carbon from current processes -> Climate Change down

However, buying Carbon today is still not quite as easy as clicking a button in Robinhood. It's currently only investible through decentralized finance--you have to custody your own assets, which means it's more work than through using third-party custody solutions like Robinhood or Coinbase. Eventually, you'll be able to hold your Carbon through these third-party solutions, but at that point its price will probably be a lot, lot higher. Friction is opportunity.

Step 1 - Set Up Your Wallet

Download the MetaMask Browser Extension

It doesn't matter which browser you do it on, but I'd recommend Chrome or Firefox. The logo is a fox. [Link for the chrome version here.](#)

Write Down Your 12 Words

This is very, very important. Do it on a piece of paper. If anything goes wrong where you lose access to your wallet--i.e. you're laptop breaks or you forget your Metamask passport--and you don't have your 12 words, then you lose everything. Scary, I know. With great power comes great responsibility.

But Don't Let Anyone Find Them

This is where it gets tricky. You also can't let anyone else find your 12 words, because then they can steal your funds. The solution here that's going to be fine for most of you is just putting the paper with those 12 words in a safe, hidden somewhere in your apartment/house.

If you're putting in a serious, serious amount of money (>10k imo should be the cut-off here), I'd recommend [getting a ledger](#) and [linking your ledger wallet to your Metamask account](#). You'll have to do the same 12 word storage for your ledger as you do for Metamask (so you'll have to do both, but your ledger is what's important here, as you can always relink it to a new Metamask--for Ledger it's 24 words, not 12, but fughazi fughazi). Holding the money in a ledger is slightly more safer than holding it on a browser extension--you won't be leaving your ledger on the cafe table when you need to go to the bathroom.

Add Matic Network to Your MetaMask

Right now your Metamask wallet can only interact with the Ethereum mainchain. BCT exists on an Ethereum layer-two network--all that means is that it's a scaling solution deployed on Ethereum. While there are many layer-two's on Ethereum, the only one BCT is currently on is called Matic (Matic used to be called Polygon, so that's why you may see Polygon in some of the doc below).

[Here's how you add Matic to your Metamask](#), easy.

Step - Convert Fiat into Crypto

Make a Coinbase Account

First, you need a Coinbase account--use pro.coinbase.com for the best UI, but the regular coinbase.com will work too. Then, you need to decide how much money you want to invest, budgeting about \$150-\$300 for fees, which will be primarily paid in Ether (so you need to buy about \$300 of \$ETH on Coinbase to be safe).

Deposit USD

Once you decide how much you want to do, you can deposit it into Coinbase either through an ACH transfer or bank wire (On Coinbase, you just go to Deposit -> USD, and then select which option). I'd recommend doing a bank wire (most let you do up to \$25k digitally from home--more than that, and you have to go to the branch). If you do ACH, you'll have to wait 6 days to withdraw the funds from Coinbase to your Metamask.

Buy A Little Eth for fees, Convert the Rest to USDC

Now that you have USD on Coinbase, you need to buy about \$300 in Eth for fees and convert the rest into USDC. USDC is USD on the Ethereum blockchain. Welcome to the real metaverse.

You now need to send both your Eth and your USDC to your MetaMask address. Your address is the long, alphanumeric string right under the account name. This address is your public key--it's how people globally will send you money. The 12 words that you stored before can be used to generate your private key--which you never want anyone else to find--that's all public-private key cryptography is, for those who were wondering.

Step 3 - Bridge Your Crypto from Ethereum to Matic (Polygon)

Now you have to bridge your USDC from Ethereum to Polygon--the fees you pay to do this will be done in Eth, which was why you needed it. You'll set up a Polygon wallet [here](#) after you click on the Polygon Bridge (the second box from the right). Polygon gives you a unique account

number (see top right of the screen), which helps them map your Eth account to your Polygon account (so that your Ethereum public key also works as your Polygon public key).

Then transfer your USDC over the Polygon bridge. Using the bridge technically takes two transactions, so you'll be asked to pay two separate fees. After you've paid both fees, it'll take 15 minutes for your funds to be accessible on Polygon.

Need A Little Matic

Your USDC is now on the Polygon network, but to use it you'll need Polygon's version of Eth, which is Matic. You'll only need a few cents of Matic to execute the trade (Ethereum layer-two's exist to enable Ethereum's scalability--which is why they're much cheaper than the Ethereum mainchain). You need to make sure you receive your Matic on the Polygon network, not the Ethereum mainchain.

If you don't have a New York license, the best way to do this is through crypto.com (use the mobile app). On crypto.com, you can buy Matic and deposit directly to your Ethereum address on the Polygon network. Make sure you do it on the Polygon network and not as an ERC20 token (this would be on the Ethereum mainchain), because your MetaMask public key works for both, remember. You can buy a few dollars of Matic with your credit card on the app.

If you don't have a New York license, the best way to do this is to have one of your friends who already has a decent amount of Matic on Polygon to send you some. You can have one of your friends who doesn't have a New York license buy \$5 worth on crypto.com and send you \$0.10 worth, or you can text, email, or Twitter DM me for some.

Step 4: Let Your MetaMask to Display USDC and BCT

You will not be able to see that you have USDC or BCT in your MetaMask wallet, but don't worry, it's there. We just need your MetaMask to look for it. Click 'import tokens' and then put in USDC's contract address: 0x2791bca1f2de4661ed88a30c99a7a9449aa84174

And then BCT's contract address: 0x2f800db0fdb5223b3c3f354886d907a671414a7f

Both autofill the symbol and the decimal number, but the symbols are USDC and BCT if it doesn't. The decimal number will definitely autofill.

Step 5: Buy the Goods

The last step is for you to convert your USDC on Polygon into BCT on Polygon. You do this on SushiSwap [here](#). SushiSwap is a decentralized exchange that exists on the Ethereum mainchain and a bunch of Ethereum layer-two networks. Make sure that you select the Polygon network (top right, just to the left of your account info), as that is where you'll be using the application.

Then you enter USDC as the token you're swapping from, and BCT as the token you're swapping to (at the bottom). Enter the maximum amount of USDC, click Swap, pay a few cents of Matic in fees, and boom you're done. You should have 0 USDC in your MetaMask wallet now, at least on the Polygon network (remember, you can toggle your MetaMask account between Ethereum networks), and X amount of BCT, depending on how much you put in.

Crack A Beer

That's it. Don't forget to put your 12 words somewhere safe--that's what controls your BCT. You can put your password somewhere too, if you don't want to have to get your 12 words every time you forget your MetaMask password (or you could just remember your password). Nervewracking, I know, but not really. It's just work. You get out what you put in. You now own Carbon, what may be the most underpriced commodity in the world right now, other than Eth itself.