



# **Climate Friendly Cart**

## **Technical Guide**

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## About this guide

Climate Friendly Cart is a Magento extension that enables online eCommerce businesses to offer their customers the option to make their purchase more climate friendly at the checkout by adding carbon offsets to their purchases.

This document contains instructions on how to install, upgrade and uninstall the extension.

This document accompanies the Climate Friendly Cart User Guide.

## Install Climate Friendly Cart

Prior to modifying your Magento installation, you may wish to:

1. Back up your database.
2. Enable maintenance mode by running:

```
$ bin/magento maintenance:enable
```

3. After completing the change, remember to disable maintenance mode.

```
$ bin/magento maintenance:disable
```

### Install Steps

1. Navigate to the root folder of your Magento installation.
2. Run `$ composer require carbonclick/climate-friendly-cart`
3. Run `$ bin/magento module:enable Carbonclick_CFC --clear-static-content`
4. Run `$ bin/magento setup:upgrade`
5. Run `$ bin/magento setup:di:compile`
6. Run `$ bin/magento cache:clean`

At this point, the extension is installed. Some further steps are required to complete setup in admin - see below.

## Switching Environments

For testing purposes, Climate Friendly Cart can be run against our Staging server. The default environment is Live.

To switch to the **staging** environment, Run

- `bin/magento carbonclick:set:mode dev`

To switch to the **live** environment, Run

- `bin/magento carbonclick:set:mode live`

### Notes:

- After switching environments, the extension will be disabled. It must be

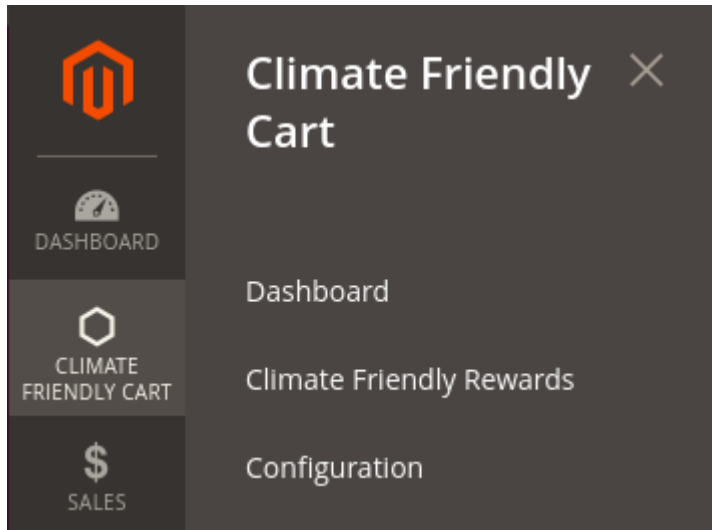
re-enabled via the admin Configuration tab - see below.

- To find out which mode the extension is currently running, connect to the Magento db and run the following query:
  - `select * from core_config_data where path = 'cfc/general/mode';`
  - Result will be 1 or 2
    - 1 = live, 2 = staging

## Admin Setup

Follow these instructions to configure Climate Friendly Cart ready to enable for your customers.

1. Log into Admin and click on Climate Friendly Cart -> Dashboard.



2. Follow the steps until you reach the payment page. CarbonClick collects prepayment for carbon credits sold by charging your credit card. As your customers purchase carbon credits, they reimburse you for these charges.
3. Once payment information has been collected, you will land on the Dashboard. From here, you can complete setup by following the steps below.

**Note:** Post payment options are available if you'd prefer to pay using a different method. Contact [hello@carbonclick.com](mailto:hello@carbonclick.com) to find out more.

## Configuration

**Note:** The section below illustrates how to change configuration options. It may be necessary to flush the Magento cache after saving the configuration before the change becomes effective. To flush the cache, run

```
$ bin/magento cache:flush from the root folder of your Magento installation
```


### Configure where the Carbon Offset widget appears on your store:

The Carbon Offset widget can be configured to appear in any of three locations on your store.

- a. Cart Page
- b. Checkout Page
- c. Mini Cart / Drawer Cart / Slider Cart.

To set where the panel appears, select Climate Friendly Cart → Configuration. Select the appropriate options under *Widget Location* and click *Save Config*.

## General Configuration

<b>Enable module</b> <small>[global]</small>	Yes	▼
<b>Custom SKU Enable</b> <small>[global]</small>	Yes	▼ ?
<b>Custom SKU Value</b> <small>[global]</small>	PROD/CARBON/XAC 	
<b>Widget Location</b> <small>[global]</small>	<b>Cart Page</b> <input checked="" type="checkbox"/> Most themes have this page which lets user review their cart prior to checkout	
	<b>Mini Cart</b> <input type="checkbox"/> Also called drawer-cart, some themes have this feature	
	<b>Checkout</b> <input checked="" type="checkbox"/> This is the payment page	
<b>Offset Amount</b> <small>[global]</small>	5	? Offset Amount must be greater than or equal to 1
<b>Topup Amount (USD)</b> <small>[global]</small>	100	? Topup Amount must be greater than or equal to 100

### Configure the offset amount.

You decide the value of the carbon offset your customer is offered.

Set the value of the *Offset Amount* and click *Save Config*.



## **Set the Topup Amount.**

As your customers purchase carbon offsets, your carbon offset credit balance diminishes. When your credit runs out, we will automatically top up your credit by charging your card. You can set how much is charged each time by setting your preferred *Topup Amount* and clicking *Save Config*.

## **Change the SKU of the Carbon Offset Product**

The SKU of the Carbon Offset product defaults to 'carbon-offset'. This can be updated to match your SKU format by changing the value of *Custom SKU Enable* to Yes and setting the value of *Custom SKU Value*.

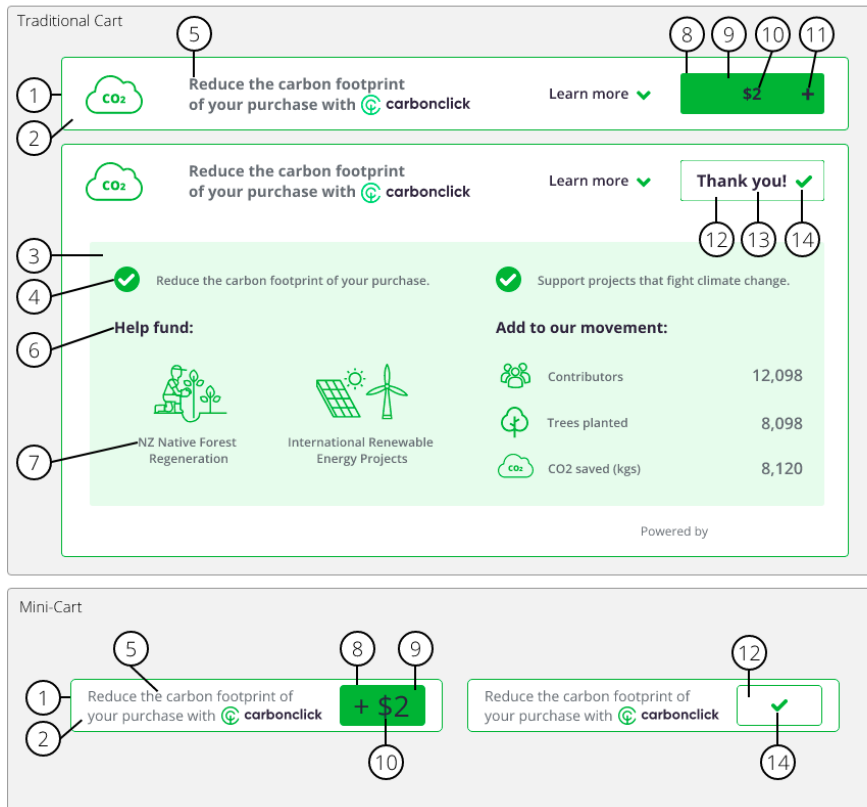
## Set the Look and Feel of the Carbon Offset Widget

### Colours

You can customise the colours of the Carbon Offset widget to match your brand. To do so, select Climate Friendly Cart → Configuration and scroll to *Look and Feel*. Follow the guide to set Plugin Colors and Button Colors

#### Colour Guide

Match the numbers in the guide with the colour pickers below, to easily edit the CarbonClick plugin's colours to match your store.



#### Plugin Colors

1. Plugin Border Color [global] #20a93c  Use system value


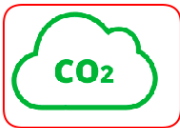
### Images

- The CarbonClick logo and Carbon Offset Product image can also be adjusted to match your style.

The illustration of a sample cart page below shows:

- The CarbonClick logo on the Carbon Offset Widget as 1
- The Carbon Offset Product image as 2

## Shopping Cart

Item	Price	Qty	Subtotal
 Casual Shirt	\$10.00	1	\$10.00
 Carbon Offset	\$2.00	1	\$2.00

### Summary

Estimate Shipping and Tax


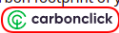
Subtotal	\$12.00
Shipping (Flat Rate - Fixed)	\$5.00
<b>Order Total</b>	<b>\$17.00</b>

[Proceed to Checkout](#)

[Check Out with Multiple Addresses](#)

[Update Shopping Cart](#)

[Apply Discount Code](#)

 Reduce the carbon footprint of your purchase with  1 [Learn More](#) [Thank you](#)

To adjust the images, go to Climate Friendly Cart → Configuration → *Look and Feel* and select from the options for *CarbonClick Logo* and *CarbonClick Product Image*, then click *Save Config*

## Access Impact Data

Should you wish to access your store's impact metrics for display outside of the extensions own UI elements, this data is made available by the extension.

The following data structure is stored in config under key ***cfc/general/merchantImpact*** in the Magento Database.

```
{
  "treeGrowthYears": {
    "value": 100000
  },
  "carbonOffsetImpact": {
    "unit": "KG",
    "value": 2000000
  },
  "numberOfContributions": {
    "value": 15000
  }
}
```

**\*Note:** This data is updated every 10 minutes.

### Field Descriptions

treeGrowthYears	Tree growth years is the number of tree years taken to sequester an amount of CO2.
carbonOffsetImpact	The total amount of CO2 offset.
numberOfContributions	The number of transactions that contributed to the total carbon offset.

## Upgrade Climate Friendly Cart

To update Climate Friendly Cart to the latest version, follow these steps.

1. Navigate to the root folder of your Magento installation.
2. Run `$ composer update carbonclick/climate-friendly-cart`
3. Run the following commands to upgrade, deploy, and clean the cache

```
$ bin/magento setup:upgrade --keep-generated
```

```
$ bin/magento setup:static-content:deploy
```

```
$ bin/magento cache:clean
```

## Uninstall Climate Friendly Cart

To uninstall Climate Friendly Cart, follow these steps.

- Navigate to the root folder of your Magento installation.
- Run the following

```
$ bin/magento module:disable Carbonclick_CFC --clear-static-content
```

```
$ bin/magento setup:upgrade
```

```
$ composer remove carbonclick/climate-friendly-cart
```

An additional cleanup step may be desirable to clear Climate Friendly Cart references from the Magento Database.

To clear Climate Friendly Cart configuration from the Magento database, run the following in MySQL

```
DELETE FROM core_config_data WHERE path LIKE '%cfc%';
```

**Note:** If you are on a paid monthly subscription for the extension, please email [support@carbonclick.com](mailto:support@carbonclick.com) after you have completed the uninstall to cancel the monthly subscription.