



# MORE TREES

LET'S PLANT A BILLION TREES

## API V1/BasicDocumentation

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*This document is regarding the [moretrees.eco](https://moretrees.eco) public API's with basic authorization. By the use of these API's you can get the details from the [moretrees.eco](https://moretrees.eco) and can send plant tree requests to [moretrees.eco](https://moretrees.eco) as well.*

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## 1. View Credits

<b>Description</b>	This API will provide the total number of available credits or error messages.
<b>Endpoint</b>	<a href="https://api.moretrees.eco/v1/basic/viewCredits">https://api.moretrees.eco/v1/basic/viewCredits</a>
<b>Method</b>	GET
<b>Authorization</b>	<b>Type:</b> API key, <b>Key:</b> authorization <b>Value:</b> Public validation key (Get from <a href="https://plant.moretrees.eco/manageAPI">https://plant.moretrees.eco/manageAPI</a> )
<b>Parameters</b>	N/A
<b>Response</b>	<p><b>Successful Response</b></p> <pre>{   "status": 1,   "response": "successful",   "message": "Total {Number of counts } credits are available.",   "data": {     "credits": {Number of count}   } }</pre> <p><b>Error Response</b></p> <pre>{   "errors": [     {       "status": 0,       "response": "error",       "message": "{Errors message from server}"     }   ] }</pre>



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## 2. Get Total carbon offset

<b>Description</b>	This API will return the result set of total carbon offset. Result set will have carbon offset by self, carbon offset for others, carbon offset by others on your behalf and total carbon offset.
<b>Endpoint</b>	<a href="https://api.moretrees.eco/v1/basic/carbonOffset">https://api.moretrees.eco/v1/basic/carbonOffset</a>
<b>Method</b>	GET
<b>Authorization</b>	<b>Type:</b> API key, <b>Key:</b> authorization <b>Value:</b> Public validation key (Get from <a href="https://plant.moretrees.eco/manageAPI">https://plant.moretrees.eco/manageAPI</a> )
<b>Parameters</b>	N/A
<b>Response</b>	<p><b>Successful Response</b></p> <pre>{   "status": 1,   "response": "successful",   "message": "Carbon offset found.",   "data": {     "carbon_offset_by_self": carbon offset done by self,     "carbon_offset_for_others": carbon offset done for others,     "carbon_offset_by_others_for_you": carbon offset done by others for you   }   "total_carbon_offset": total carbon offset }</pre> <p><b>Error Response</b></p> <pre>{   "errors": [   "status": 0,   "response": "error",   "message": "{Errors message from server}" }</pre>



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## 3. View Types (Trees)

<b>Description</b>	This API will provide you all active types(trees) with its details like Project Name, Project ID, Category Name, Category ID, Type ID, Type name, Type Description, Type Image, reducing co2 and required credits to plant this type(tree).		
<b>Endpoint</b>	<a href="https://api.moretrees.eco/v1/basic/viewTypes">https://api.moretrees.eco/v1/basic/viewTypes</a>		
<b>Method</b>	GET		
<b>Authorization</b>	<b>Type:</b> API key, <b>Key:</b> authorization <b>Value:</b> Public validation key (Get from <a href="https://plant.moretrees.eco/manageAPI">https://plant.moretrees.eco/manageAPI</a> )		
<b>Parameters</b>	<b>Position:</b> Query Parameters <b>Parameter</b> <table border="1"><tr><td><b>Page:</b> <b>(optional)</b></td><td>You can pass integer value in this or "all" string. If integer value is passed then API considers this as a page number. This parameter enables paginating functionality for API and API will behave according to the page number. If you want all records without paginating results then simply pass "all" or don't pass the page parameter.</td></tr></table>	<b>Page:</b> <b>(optional)</b>	You can pass integer value in this or "all" string. If integer value is passed then API considers this as a page number. This parameter enables paginating functionality for API and API will behave according to the page number. If you want all records without paginating results then simply pass "all" or don't pass the page parameter.
<b>Page:</b> <b>(optional)</b>	You can pass integer value in this or "all" string. If integer value is passed then API considers this as a page number. This parameter enables paginating functionality for API and API will behave according to the page number. If you want all records without paginating results then simply pass "all" or don't pass the page parameter.		
<b>Response</b>	<b>Successful Response</b> <b>If Page parameter passing correctly</b> <pre>{   "status": 1,   "response": "successful",   "message": "Carbon offset found.",   "data": {             List of All Types with its details,                             "total_records": total records found,     "current_page": page parameter value,     "total_pages": total number of page available   } }</pre>		



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	<pre>"records_per_page": per page displaying records</pre> <p>If Page parameter don't pass correctly</p> <pre>"status": 1, "response": "successful", "message": "Carbon offset found.", "data": { List of All Types with its details.</pre> <p>Error Response</p> <pre>"errors": [ "status": 0, "response": "error", "message": "{Errors message from server}"</pre>
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## 4. Plant A Tree

<b>Description</b>	This API use is to send request of plant a tree(multiple as well as ). It can be use for existing application us
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	<p>non-registered users as well. New user will receive an email with a link to setup their profile and existing users will have a link to login to application.</p>								
<b>Endpoint</b>	<a href="https://api.moretrees.eco/v1/basic/planttree">https://api.moretrees.eco/v1/basic/planttree</a>								
<b>Method</b>	POST								
<b>Authorization</b>	<p><b>Type:</b> API key, <b>Key:</b> authorization <b>Value:</b> Public validation key (Get from <a href="https://plant.moretrees.eco/manageAPI">https://plant.moretrees.eco/manageAPI</a>)</p>								
<b>Parameters</b>	<p><b>Position:</b> body – JSON object <b>Parameters</b></p> <table border="1"><tr><td><b>type_slug</b> (Required)</td><td>This parameter will accept tree slug (you can download tree slug list from the moretrees.eco). If wrong slug is passed then it will return the error message in response.</td></tr><tr><td><b>request_type</b> (Required)</td><td>There are two types available for request_type parameter. You need to pass 1 if you are planting tree for self and need to pass 2 if you are planting tree for others. If you pass any other number (except 1,2) then error message will be returned in response.</td></tr><tr><td><b>quantity</b> (Required if request_type is 1)</td><td>If planting trees for self then the quantity of the trees need to pass with this parameter. This will accept only number values greater than zero. If 0, null and any other string will not be accepted.</td></tr><tr><td><b>users</b> (Required if request_type is 2)</td><td>If planting tree for others, then need to pass a json object in this parameter like:- <pre>{   "first_name": "John",   "email": "john@example.ecom",   "quantity": 8,   "sender_name": [name] (optional), }</pre> if planting tree for multiple users then you can pass multiple value in JSON object like</td></tr></table>	<b>type_slug</b> (Required)	This parameter will accept tree slug (you can download tree slug list from the moretrees.eco). If wrong slug is passed then it will return the error message in response.	<b>request_type</b> (Required)	There are two types available for request_type parameter. You need to pass 1 if you are planting tree for self and need to pass 2 if you are planting tree for others. If you pass any other number (except 1,2) then error message will be returned in response.	<b>quantity</b> (Required if request_type is 1)	If planting trees for self then the quantity of the trees need to pass with this parameter. This will accept only number values greater than zero. If 0, null and any other string will not be accepted.	<b>users</b> (Required if request_type is 2)	If planting tree for others, then need to pass a json object in this parameter like:- <pre>{   "first_name": "John",   "email": "john@example.ecom",   "quantity": 8,   "sender_name": [name] (optional), }</pre> if planting tree for multiple users then you can pass multiple value in JSON object like
<b>type_slug</b> (Required)	This parameter will accept tree slug (you can download tree slug list from the moretrees.eco). If wrong slug is passed then it will return the error message in response.								
<b>request_type</b> (Required)	There are two types available for request_type parameter. You need to pass 1 if you are planting tree for self and need to pass 2 if you are planting tree for others. If you pass any other number (except 1,2) then error message will be returned in response.								
<b>quantity</b> (Required if request_type is 1)	If planting trees for self then the quantity of the trees need to pass with this parameter. This will accept only number values greater than zero. If 0, null and any other string will not be accepted.								
<b>users</b> (Required if request_type is 2)	If planting tree for others, then need to pass a json object in this parameter like:- <pre>{   "first_name": "John",   "email": "john@example.ecom",   "quantity": 8,   "sender_name": [name] (optional), }</pre> if planting tree for multiple users then you can pass multiple value in JSON object like								



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	<pre>{   "first_name": "John",   "email": "john@example.ecom",   "quantity": 8,   "sender_name": "[name] (optional)", }, {   "first_name": "Adam",   "email": "adam@example.ecom",   "quantity": 5 }</pre>	
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<b>Response</b>	<p><b>Successful Response</b></p> <pre>{   "status": 1,   "response": "successful",   "message": "Plant tree request submitted successfully",   "data": {     "certificates": [       {         "name": "John",         "email": "john@example.ecom",         "certificateID": "e661q7dwkfbz5959e661q7dwkfbz595a",         "certificateURL": "https://plant.moretrees.eco/certificate/e661q7dwkfbz5959e661q7dwkfbz595a"       },       {         "name": "Adam",         "email": "adam@example.ecom",         "certificateID": "e661q7dwkfbz5959e661q73rwy5cda3u",         "certificateURL": "https://plant.moretrees.eco/certificate/e661q7dwkfbz5959e661q73rwy5cda3u"       }     ]   } }</pre>	
	<p><b>Error Response</b></p>	



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If parameters are not passing correctly

```
{
  "errors": [
    {
      "msg": "{parameter name} is not valid or missing",
      "param": "error",
      "location": "body"
    }
  ]
}
```

error response will have individual error messages for every missing/Invalid parameter.

If request is sending for multiple users and "users" parameter (JSON object) has errors

```
{
  "errors": [
    {
      "status": 0,
      "response": "error",
      "param": "users",
      "msg": "users object is not valid! Or missing parameter (name, email, quantity)"
    }
  ]
}
```