

# **Eco-Libre Genesis Booth Documenta- tion**

***Release 1.0.0***

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Figure 1: CAD Design of the Eco-Libre Genesis Booth. . . . . 1



Welcome! This is the official documentation for the Eco-Libre Genesis Booth.

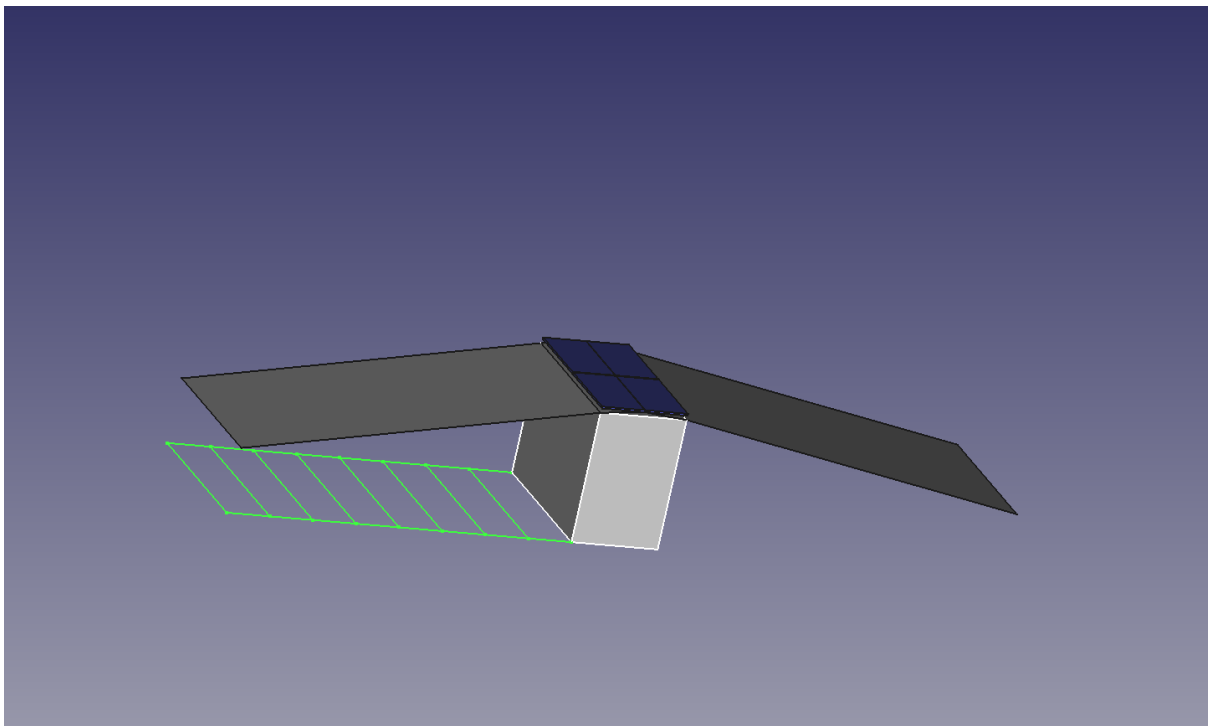


Figure 1. CAD Design of the Eco-Libre Genesis Booth





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## Introduction

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The Eco-Libre Genesis Booth is a simple storage shed with >1 kW of PV solar panels on the roof.

- [Chapter 2](#)



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## Frequently Asked Questions

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### 2.1 Q: How can I get updates about Eco-Libre?

You can [signup](#) for our [BusKill email newsletter](#) or follow us on any of the following social media profiles:

- Twitter [@EcoLibreNews](#)
- Facebook [@EcoLibreNews](#)
- Mastodon [TODO](#)
- GitHub [Eco-Libre](#)
- YouTube [@Eco-Libre](#)

### 2.2 Q: My questions isn't listed. Where can I get support?

Please see [Chapter 8](#)



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### Theory

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This section will describe the research behind this project and how it would benefit the lives of your community.

### 3.1 Features

1. 4x PV Solar Panels on the roof
2. Electrical charge controller, batteries, inverter, etc
3. Large Individual storage lockers for volunteers' personal belongings
4. Ample shelf-space for tools
5. Two large covered outdoor spaces for living & working

### 3.2 Concept

Typically if someone buys land somewhere remote (off-grid & without utilities), they first bring-in diesel generators to power the tools needed to begin construction.

The "Genesis Booth" is an alternative that would permit constructing a new off-grid community or homestead using renewable, solar energy.

The expectation is that people move-in with camping gear. They purchase four 1 meter x 2 meter solar panels and spend their first weeks building the Genesis Booth. After the booth is complete, they have a weather-proof shed for storing tools, enough power for metal- and wood-working tools ([saws](#), [drills](#), [welder](#)) and a covered workspace to continue construction (eg the [Eco-Libre Launch Nest](#)).



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## Praxis

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This section will show example builds of the Genesis Booth around the world.

### 4.1 Get Listed!

Did you build this? Please [let us know](#) and we'll add your build to this page.





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## Getting Started

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This section will document how to build the Genesis Booth.

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**Note** You can view the documentation to build a previous version by selecting a different version in the bottom-left menu

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## Foundation

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This section will document how to build the Foundation for the Genesis Booth



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## Contributing

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Thank you for considering to help us!

As an open-source project, we depend on the work of volunteers to stay alive, and your time helping to improve our project is very much appreciated :)

### 7.1 Wish List

Below is a list of items on our TODO list. If you'd like to help us tackle these tasks, please [contact us](#) as there may be someone already working on a given task that you may be able to collaborate with.

Please be aware that any contributions you make will be made open-source. See license for more info.

TODO

### 7.2 Donate

Running the Eco-Libre project has many fees, including

1. Server & domain infrastructure fees
2. Purchasing hardware items for testing & iterating

If you have more money than free time, you can also help Eco-Libre by making a donation. We accept Bitcoin and Monero.

BTC 1DXyJpmu2KQMw2v4QJVzzjZo6f87BBndu6

XMR

4B5ra5N1SN4d7BqDtkxAE5G5kGNz5mA5oCob41RzzoduM1uPAcr7QmNLzXtci5HvtkNXC7SowkxMjUUCXF2hm57MMS4jwxx

:: TODO: Open-collective

Donations of any amount are **greatly** appreciated. Thank you!



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# Support

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As an open-source project, we try to keep all of our support requests on GitHub. If you

1. have a question that is not answered by this documentation,
2. discover a bug in the software, or
3. would like to request a feature in the software

then please [create an issue](#) on our GitHub.

If you don't want to register for an account on GitHub or you'd like to remain anonymous, then you can [email us](#). We'll put the issue on GitHub for you.





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If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively state the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>
```

```
This program is free software: you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation, either version 3 of the License, or
(at your option) any later version.
```

```
This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.
```

```
You should have received a copy of the GNU General Public License
along with this program. If not, see <http://www.gnu.org/licenses/>.
```

Also add information on how to contact you by electronic and paper mail.

If the program does terminal interaction, make it output a short notice like this when it starts in an interactive mode:

```
<program> Copyright (C) <year> <name of author>
This program comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, your program's commands might be different; for a GUI interface, you would use an "about box".

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## Attribution

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- [Python](#)
- [FreeCAD](#)
- [Vim](#)
- [Gimp](#)
- [Kdenlive](#)
- [Sphinx](#)
- [Read The Docs](#)
- [Roboto Font](#)
- [Material Design Icons](#)
- [Wordpress](#)
- [phpList](#)
- [QubesOS](#)
- [Debian GNU/Linux](#)

### 11.1 Similar Projects

The reader may be interested to investigate the following similar projects:

- [Open Building Institute](#)
- [WikiHouse](#)
- [One Community Global](#)
- [Auroville Earth Institute](#)







