

# How We Can Build a Solarpunk

## Future Right Now

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Based on [Youtube Video](#) by [Our Changing Climate](#) feat. [Andrewism](#)

### What is a Solarpunk Future?

A solarpunk future is a sustainable and equitable future where humans live in harmony with nature. It is a future where we have found ways to meet our needs without harming the planet. Solarpunk is a hopeful and optimistic vision of the future, and it is one that we can all help to create.



- **Support local businesses and farmers.** This helps to reduce our reliance on big corporations and supports sustainable practices.
- **Invest in renewable energy.** This includes solar panels, wind turbines, and other forms of clean energy.
- **Reduce our consumption.** This means buying less stuff, eating less meat, and driving less.
- **Get involved in community projects.** This could be anything from planting trees to organizing a neighborhood cleanup.
- **Educate others about solarpunk.** The more people who know about it, the more likely it is to become a reality.
- **Be the change you want to see in the world.** Start small and make changes in your own life that will help create a more sustainable future.

### Solarpunk Superstars

These three plants have been nominated as incredibly helpful and good for the environment. Which of these is your favorite?

#### Algae

Algae farming can be used to sink carbon from the atmosphere by growing algae in large, open-air ponds. The algae absorbs carbon dioxide from the air as it grows, and when the algae dies, it sinks to the bottom of the pond, where it traps the carbon. This process is called carbon sequestration.

There are a few drawbacks to using algae farming to sink carbon. First, it requires a lot of space. Second, it can be expensive to set up

and maintain an algae farm. Third, there is the potential for algae blooms when the algae is not harvested, which can do more harm to the ocean environment.

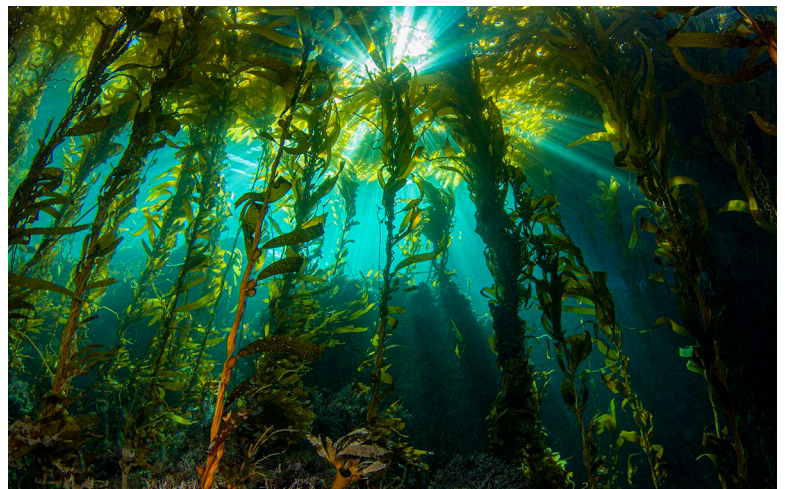


Photo by Douglas Klug. [Treehugger Article](#).

Despite these drawbacks, algae farming is a promising technology for carbon sequestration. It is a renewable resource, and it can be used to produce biofuels, which can help reduce our reliance on fossil fuels. The Chinese and Indonesian people have been doing it sustainably for hundreds of years!



## Bamboo

Bamboo is a good carbon sink because it grows quickly and absorbs a lot of carbon dioxide from the atmosphere. It can also be used to make a variety of products, such as furniture, flooring, and paper, which can help to reduce our reliance on products made from wood or other materials that release carbon dioxide when they are manufactured.

Here are some other ways that bamboo can help to reduce global warming:

- It can be used to create windbreaks and shade trees, which can help to reduce the amount of heat that is absorbed by the Earth's surface.
  - It can be used to create biofilters, which can help to clean polluted water.
  - It can be used to create erosion control barriers, which can help to prevent soil from being washed away by rain or wind.
- It can be used to create green roofs, which can help to insulate buildings and reduce energy consumption.

Overall, bamboo is a versatile and sustainable material that can be used to help reduce global warming in a variety of ways.

## Hemp

Hemp is good for the environment in a number of ways. It is a fast-growing plant that can be used to make a variety of products, including paper, textiles, building materials, and biofuels. Hemp does not require much water to grow, and it can be grown in a variety of climates. Hemp also helps to improve soil quality and reduce erosion.

Hemp can help to reduce climate change by absorbing carbon dioxide from the atmosphere. It is estimated that hemp can absorb up to 20 tons of carbon dioxide per hectare per year. This makes hemp a valuable tool in the fight against climate change.

Hemp is also a sustainable crop that does not require the use of pesticides or herbicides. This makes it a good choice for farmers who are looking to reduce their environmental impact.

## Sources

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