

LAND, AGRICULTURE & FORESTRY



WHO ARE WE?

1. Representatives of the largest agricultural
2. Food and logging companies
3. Largest landowners
4. Government ministries of forests and agriculture
5. Land conservation agencies

WHAT WE WANT TO DO FOR THE CLIMATE CHANGE

1. Reduce deforestation.
2. Enhance planting trees.
3. Focus on the emissions of methane, nitrous oxide and all the greenhouse gases.
4. Improve the use of renewable energy and its subsidies.
5. Reduce the wasting of food.

REDUCE DEFORESTATION

Deforestation, which is usually caused by forest is the permanent removal of trees in an area something else, such as grazing and agriculture.

Deforestation causes reduced rainfall, which means that some areas are prone to drought. It not only removes vegetation that is important for removing carbon dioxide from the air, but the act of clearing the forests also produces greenhouse gas emissions.

There are many solutions to deforestation. Firstly, people should adopt sustainable farming practices and technologies so that they do need less space. They might, also, replant trees in this area or allow the forest ecosystem to regenerate. Overall, we can all help by buying certified wood products, doing paperless whatever we can and avoiding using palm oil.



AFFORESTATION

Afforestation is one of the most popular method to help in the climate change. You are putting seeds in the ground in a area where aren't trees, to create a forest. It should not be confused with reforestation.



AGROFORESTRY

Agroforestry is the interaction of agriculture, livestock and trees, including the agricultural use of trees and it makes a contribution to the sustainable agriculture system. It's object is having a rentable profit and being sustainable for the environment.

It provides a more diverse habitat than a conventional agricultural system, so different types of fauna can live there.

It uses animals residues to fertilise the soil and to maintain it's fertility perfect for planting crops. And trees' leaves are used for plant as fertiliser too.



USING NEW TECHNOLOGIES IN AGRICULTURE

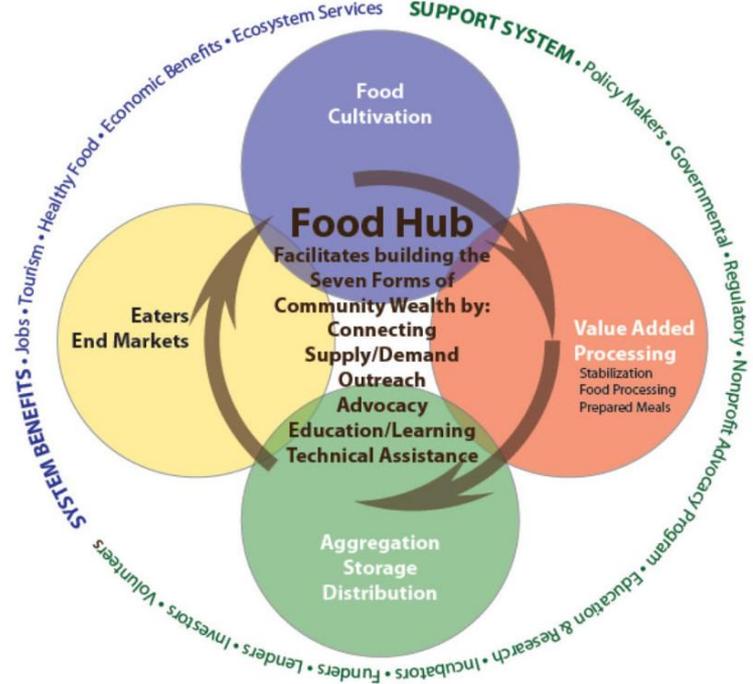
- **Vertical farm.** It refers to a method of growing crops usually without soil or natural light, in beds stacked vertically inside a controlled-environment building. So people living on cities don't need any transport for getting food to their homes, so it reduces the length of transportation as well as carbon use.



LOCAL FOOD SYSTEM

A local food system is a cooperation network that integrates sustainable food production in order to improve the environmental, economic and social health of a special area.

If we don't use local food systems there will be transport which is bad for the environment, the transport emits CO2. It's difficult to bring the products from the farms to the customers.



GROUP METSÄJÄNIS

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OUR SUGGESTIONS

1. **Renewable energy.** We want to use renewable energy in our farms, so we want to stop using harmful ones.
2. **New technologies.** Our sector proposes using new technologies to avoid polluting the atmosphere and it will also benefit our production.
3. **Afforestation.** We suggest to increase the planting of trees because it would help to reduce the carbon dioxide in the atmosphere and as many companies could have benefits from it too.

<https://en.reset.org/knowledge/agroforestry-and-its-benefits>

<http://theconversation.com/agroforestry-at-40-how-tree-farm-science-has-changed-the-world-117090>

<https://www.weforum.org/agenda/2019/12/what-is-agroforestry-climate-change/>

<https://www.google.com/url?sa=i&url=https%3A%2F%2Ftreesisters.org%2Fblog%2Fhow-to-start-your-own-tree-planting-project&psig=AOvVaw3qoJCyPdQKlf4gxdmt0mXC&ust=1580904482755000&source=images&cd=vfe&ved=0CAIQjRxqFwoTCJjN67Dut-cCFQAAAAAdAAAAABAD>

<https://www.theguardian.com/environment/2012/aug/21/agroforestry-france-farming-revival>

<https://www.conserve-energy-future.com/important-advantages-afforestation.php>

[Legislation on sustainable agriculture |](#)

[European Biogas Association](#)

<https://www.igrow.news/igrownnews/scottish-start-up-looking-to-build-dozens-of-vertical-farms-across-uk>

OUR SUGGESTIONS

- 1. Afforestation**
- 2. New technologies.**
- 3. Renewable energy**