

# Climate Dioxide Units (CDUs)

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## WHAT

### THE POLISH STATE FOREST PROJECT: FOREST CARBON FARMS PROJECT (FCF)

SproutWorld is part of the Polish State Forest Project, Forest Carbon Farm (FCF) whose main goal is 'additionality'. Units produced are not a product of standard forest management, and they are not included in the settlements of either the State Forest or the country.

The partnership consists of two elements: Afforestation and Carbon Dioxide Units.

Carbon Dioxide Units (CDUs) purchased by SproutWorld in 2021 (1516 CDUs) are produced under the Forest Carbon Farms Project. Currently, they are not covered by any certificate or standard. They are handled legally by the Polish State Forest and can be used in SproutWorld's own climate accounting.

Following SproutWorld's purchase of CDUs, the contract indicated a joint venture for the equivalent of funds from the sale of CDUs. The forest to be planted on the land will sequester CO<sub>2</sub>, but it is not part of the Project and will not generate units for SproutWorld.

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## WHO

Legally the Forest land that SproutWorld acquired is owned by Polish State Forests.

More specifically, the forest is owned by the State Treasury, but according to Polish law, the State Forests are managing Polish forests on behalf of the State Treasury.

## HOW

Through the Forest Carbon Farm Project, SproutWorld helps to both maintain Polish forests and, at the same time, help plant forests in areas that have not previously been forests. By doing this, the forest area is expanded.

- Legally, the seller transfers the ownership of the purchased Carbon Dioxide Units onto the buyer and issues a CDU certificate to the buyer.
- CDU, which is the subject of the sale, is a unit corresponding to one ton of carbon dioxide absorbed by separated treestands, as a result of the principle of 'additionality', generated by activities carried out by the State Forests under the Forest Carbon Farms Project.

It is of great importance that the project also implements the concern for biodiversity. When planting the forest, all forms of forest management and conservation aim to ensure their sustainability and biological resilience and maintain genetic resources and biodiversity.

During the life of the trees (that make up the sawdust and body of the pencil), carbon dioxide (CO<sub>2</sub>) is naturally captured and fixated from the atmosphere and stored in the plant tissue.

Usually, this CO<sub>2</sub> will be realized again when the pencil ends its life as waste.

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However, through reuse, (in our case, planting the remaining stub and adding the shavings), up to 70% of the CO<sub>2</sub> becomes naturally stored in the soil.

This goes for all wood products. The best thing we can do for the environment is to reduce our consumption and then reuse the things we have and not turning them into waste.

It puts the responsibility on us as consumers to think about how we can correctly handle our waste.

By following the advice from SproutWorld, we can minimize our waste , and greatly reduce the need for transport or energy for the end-of-life phase.

Additionally, a new plant will sprout, and the cycle will begin again.