



# CARBON CREDITS



## About Jord

Rebalancing the carbon cycle with the next generation of solid biofuel.

Jord is rebalancing the carbon cycle by producing solid biofuel and biochar from C4-grass, which is used to regenerate degraded and marginal land. Jord's unique approach solves three problems simultaneously: degraded land which is unfit for food production, dependency on fossil fuels, and increasing levels of CO<sub>2</sub> in the atmosphere. Within Jord's regenerative agroforestry model, nature-based solutions are combined with innovation, constantly exploring ways to make a lasting, positive impact on our planet and society.

Jord uses specialized C4-grasses on marginal and degraded soils. As these grasses grow, within Jord's regenerative agroforestry model, they efficiently absorb

significant amounts of CO<sub>2</sub>, gradually enriching the soil and increasing overall soil fertility. The harvested grass is then transformed into two products: solid biofuel and biochar. Jord's solid biofuel is a renewable energy source and a sustainable alternative to fossil fuel. Biochar is used to enhance soil properties. It has been proven beneficial in improving soil quality and retaining nutrients, increasing plant growth.

Jord also provides comprehensive and tailored carbon credits for businesses committed to reducing CO<sub>2</sub> emissions by offsetting otherwise unavoidable carbon emissions within their value chains. By partnering with us, companies have the opportunity to go beyond sustainable.

## Clean the air, restore the soil

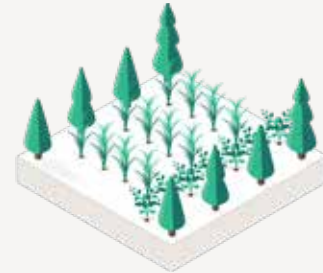


**Jord's mission  
is to restore the  
biosphere and  
deliver renewable  
products**

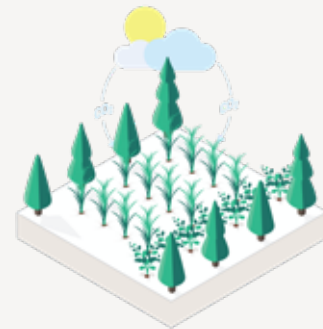
# Removing CO<sub>2</sub> in four steps

Jord builds on nature's carbon removal processes with engineered carbon removal methods. The operations integrate C4-grass, biochar, and regenerative agroforestry practices, actively enhancing farmlands to absorb more CO<sub>2</sub> than they release while restoring the soil quality and improving and conserving biodiversity.

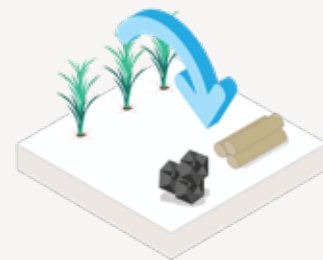
- 1. Establishing a regenerative agroforestry plot**  
 The plot is strategically located on marginal and degraded land, with C4-grass as primary crops.



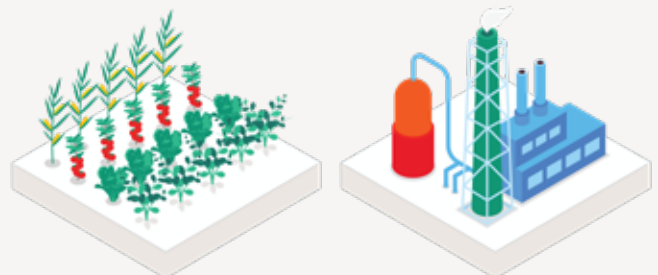
- 2. Carbon removal and avoidance**  
 The C4-grass absorbs CO<sub>2</sub> from the atmosphere during its growth and stores carbon in the soil as organic matter, replaces fossil fuels and avoid deforestation.



- 3. Harvesting and processing**  
 Following the growth phase, the C4-grass is harvested and then processed at Jord's facilities to produce solid biofuels and biochar.



- 4. Rebalancing the carbon cycle**  
 Substituting fossil fuels with renewable solid biofuels helps restore the carbon cycle. Adding biochar to the soil improves quality and stores carbon in a stable form for hundreds of years.





# Jord's carbon credits

Jord has a multi-dimensional carbon credits offering that combines avoidance and removal projects.



Carbon credits generated through the storage of carbon in the soil and deep root systems of C4-grass, ensuring long-term carbon sequestration. These credits are derived from Jord's DNV\* validated methodology.

**Mechanism:** Removal  
**Pathway:** Soil carbon sequestration



Jord's biofuel is employed in the transition from fossil fuels to a renewable energy source. Fuel switch carbon credits are generated from the avoidance of greenhouse gas emissions achieved through this shift. The methodology has been validated by DNV.

**Mechanism:** Avoidance  
**Pathway:** Fuel switch



Carbon credits generated through the conversion of C4 grass into biochar, a process that locks carbon into a stable, permanent form.

**Mechanism:** Removal  
**Pathway:** Biochar



\*DNV: Det Norske Veritas, is an international accredited registrar and classification society.

## Production site in Senegal

Jord initiated its operations in 2017 in northern Senegal, where it acquired 70 hectares of marginal and degraded land. In this region, Jord cultivates perennial C4-grass, which serves as the primary feedstock for biofuel and biochar production.

In 2023, the project was selected to participate in Puro.earth's Puro Accelerate program, the world's leading certification standard for high-permanence carbon removal.

Currently, Jord is in the planning stages for the construction of a modern biochar production facility with the capacity to produce approximately 15,000 tons of biochar. Jord's goals are to promote sustainable practices and the use of renewable fuel in the region.



### Project info

Type	Soil sequestration   Fuel switch   Biochar
Time span	Cycle of 10 to 20 years
Start date	2017
Standard	Puro.earth
Validator	DNV



## Production site in the Dominican Republic

In 2020, Jord established its second project located in the central region of the Dominican Republic, near Santo Domingo. The farmland encompasses various tropical grasslands and areas with low productivity, previously used for sugarcane cultivation. Jord's approach has been to implement a perennial farming method, utilizing C4-grass and legume trees as the primary crop species and following a regenerative agroforestry model to revitalize the soil.

Currently, Jord is in the process of constructing a modern solid biofuel production facility with the capacity to produce approximately 35,000 tons of pellets. Jord's goal are to promote sustainable practices and the use of renewable fuel in the region.


### Project info

Type	Soil sequestration   Fuel switch   Biochar
Time span	Cycle of 10 to 20 years
Start date	2020
Methodology	Jord
Validator	DNV


# Trustworthy high-impact carbon credits

Jord's carbon credits are built on reliability, precision, and environmental and social co-benefits.


Jord guarantees a complete and transparent carbon dioxide management process from start to finish through regular soil sampling, careful CO<sub>2</sub> emissions tracking, and collaboration with DNV. Jord also follow the AVID+ framework to ensure that the acquired offsets are genuine and support emissions reduction, with positive environmental and social impacts.




**Additional**  
Jord ensures additionality since the projects are built on marginal and degraded land. This guarantees net carbon sequestration beyond what would happen without Jord's projects.




**Verifiable**  
Credits are generated through complete, accurate, and thorough accounting methods. Project methods, data, and reports undergo third-party auditing prior to issuing credits.



**Immediate**  
Jord's CO<sub>2</sub> reductions are immediate. C4 grass, a fast-growing plant, rapidly and constantly removes significant amounts of CO<sub>2</sub>.



**Durable**  
CO<sub>2</sub> reductions are durable in the form of biochar, root storage, and avoidance of emissions.



**+ Co-benefits**  
By operating in developing countries, Jord maximizes environmental and social impact on top of carbon removal.

**Environmental**

- Avoids deforestation.
- Enhances and conserves habitats and biodiversity.
- Improves soil quality and crop yield.

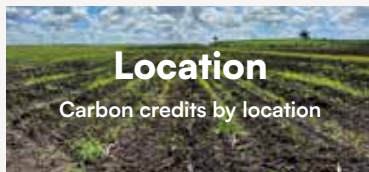
**Social**

- Provides employment opportunities.
- Improves community environmental literacy.
- Provides access to renewable energy.

# Create your carbon credit portfolio with real impact, that meets your business needs

One carbon credit is equivalent to offsetting one ton of CO<sub>2</sub> emission. When you purchase credits directly from Jord or through our partners, you will receive a personalized certificate showcasing your business commitment to reach sustainability.

## 1. Select a location




**Location**  
Carbon credits by location

Senegal

Dominican Republic

## 2. Select a pathway




**Pathway**  
How carbon removal or avoidance is achieved

Soil sequestration

Fuel switch    Biochar

## 3. Select a vintage



**Vintage**  
Carbon credits issued by period

Past    Present

Future

## Change starts with taking responsibility and action!

Are you looking for single-purchase carbon credits or long-term carbon credit plans?

For support, feel free to contact us by phone or email, Jord's sales team is ready to discuss your requirements and help with your order.

**Tel.** +46 (0) 8 912 080

**E-Mail.** sales@jord.one

**Available carbon credits**  
(1 credit = 1 ton of CO<sub>2</sub> removed or avoided)

<b>Soil sequestration</b>	Stores 1 ton of carbon for minimum 100 years.
<b>Fuel switch</b>	Replace fossil fuels, avoid deforestation.
<b>Biochar</b>	Stores 1 ton of carbon for minimum 100 years.





**Jord**

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