



# ADVICE & ASSISTANCE

*Smart agriculture for  
sustainable and responsible  
economic growth on the  
African continent*



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# THE AGRICULTURAL WORLD IN AFRICA

## OPPORTUNITIES

- Growing demand for food products in Africa and globally
- Potential for growth in agricultural production due to large arable land and available water
- Potential to increase agricultural exports to international markets
- Opportunity to adopt modern technologies to improve agricultural productivity
- Opportunity to promote economic diversification

## DIFFICULTIES

- Many reasons affect food security and agricultural investment
- Lack of access to agricultural finance and credit for smallholder farmers
- Low use of modern technologies and sustainable agricultural practices
- Climate change and pressure on arable land affect production and the long-term sustainability of agriculture.
- Lack of transport and storage infrastructure that hinders the expansion of agricultural markets



# GLOBAL GREEN DEVELOPMENT

*A global solution  
"Market in hand"*

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# GLOBAL GREEN DEVELOPMENT

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## OUR CONCEPT A.I.C.E.

**A**griculture

**I**ndustrialisation

**C**ommercialization

**E**nvironment



# OUR VISION

A GLOBAL SOLUTION FOR:

CONTRIBUTE  
TO WEALTH AND PROSPERITY

SUPPORT  
SMART FARMING  
SUSTAINABLE & RESPONSIBLE

INSURE  
FOOD AND HEALTH SAFETY

GUARANTEE  
QUALITY FOOD AND NUTRITION

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# OUR MISSION

## DEVELOP

INNOVATIVE AGRICULTURAL  
PRACTICES  
SUSTAINABLE AND RESPONSIBLE

## OPTIMIZE

QUALITY, QUANTITY OF  
HARVESTS AND PROCESSING  
METHODS

## MINIMIZE

NEGATIVE IMPACTS ON THE  
ENVIRONMENT

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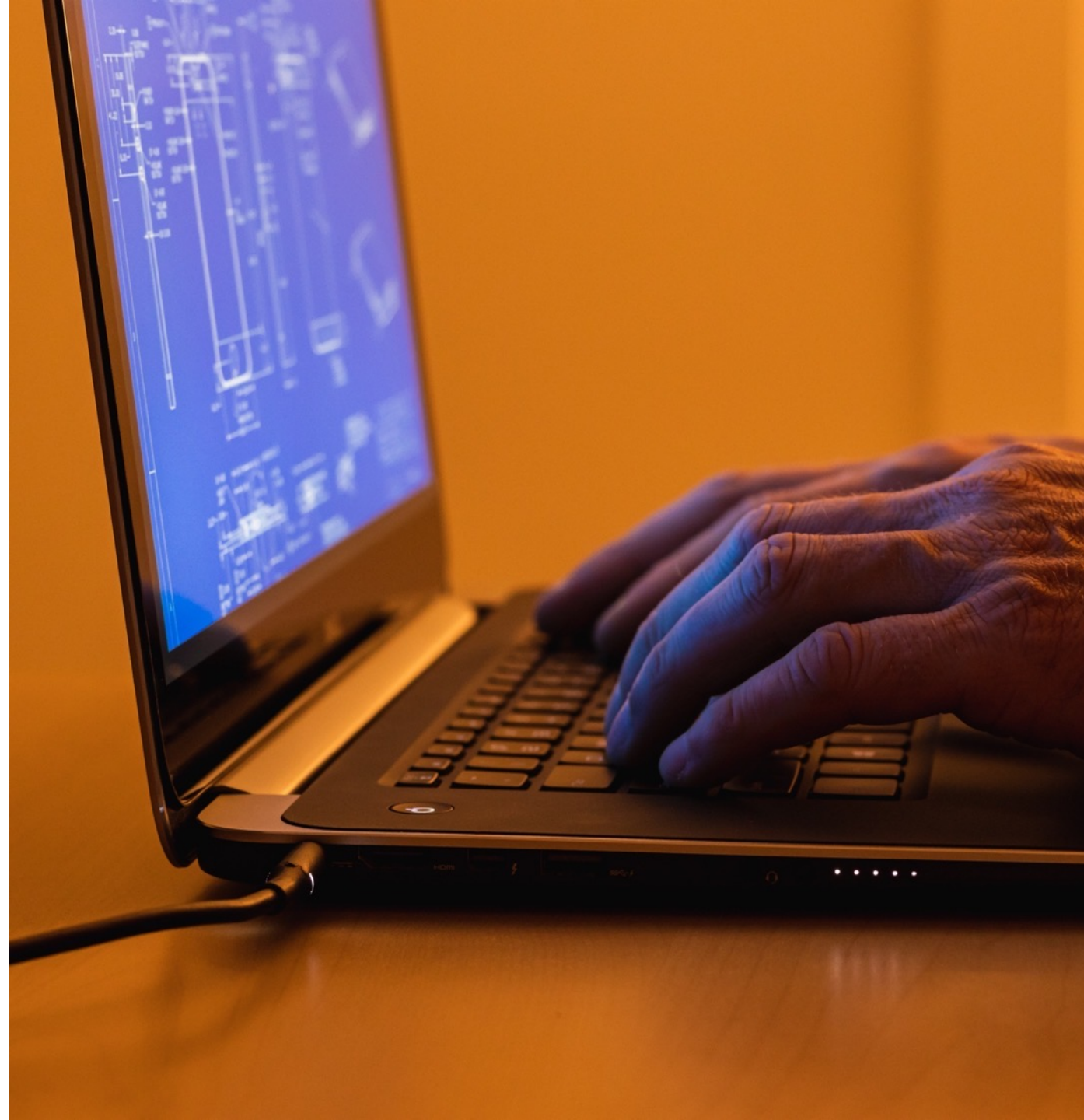


# **OUR COMPETITIVE ADVANTAGE**

**COMBINED EXPERTISE IN  
AGRICULTURE, ENGINEERING,  
BUSINESS, ENVIRONMENT AND  
FINANCE.**

WE PROVIDE SPECIALIZED  
KNOWLEDGE, MARKET ANALYSIS ON  
THE DEMAND AND AVAILABILITY OF  
RAW MATERIALS, ORGANIC  
FERTILIZER WATER RETAINERS,  
MANUFACTURING EQUIPMENT WITH  
THE BEST TECHNOLOGIES,  
INFRASTRUCTURE AND FINANCING  
MECHANISMS.

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# OUR COMMITMENTS

## SMART FARMING

FOR

REDUCE WATER CONSUMPTION

INCREASE YIELDS

REDUCE PRODUCTION CYCLES

ACCELERATING ECONOMIC

GROWTH

IMPROVING FARMERS'

INCOMES

PRESERVING THE

ENVIRONMENT

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FERTILIZERS  
HYDRO RETENTIVE  
BARBARY PLANT EVOLUTION

SANS

WITH NPK BP G3  
AND 50% LESS  
WATER





# SMART FARMING

## OUR AREAS OF EXPERTISE

### PLANT CULTIVATION

FOOD, MEDICINAL, INDUSTRIAL OR ORNAMENTAL

### LIVESTOCK

CATTLE, PIGS, POULTRY, SHEEP, GOATS AND AQUACULTURE

### INDUSTRIALISATION

TOMATO PASTE, STARCH, POULTRY, ...

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# SMART FARMING

## PLANT CULTIVATION

WE TAKE INTO ACCOUNT

- NATURE OF THE SOILS
- SELECTION OF SEEDS OR SEEDLINGS
- CULTIVATION METHODSE
- IRRIGATION SYSTEMS
- FERTILIZATION
- PROTECTION AGAINST PESTS AND DISEASES
- PRUNING
- HARVEST
- QUALITY

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CASHEW NUTS





# SMART FARMING

## PLANT CULTIVATION

### OUR PRACTICES & TECHNIQUES

- AGROFORESTRY
- MIXED CULTURE
- CROP ROTATION

### OUR GOALS

- MAINTAINING SOIL FERTILITY
- IMPROVING FOOD SECURITY
- INCREASING THE INCOMES OF RURAL POPULATIONS
- ENSURING THE AVAILABILITY OF QUALITY FOOD FOR ALL

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AGROFORESTRY



MIXED CULTURE  
CROP ROTATION



# SMART FARMING

**FERTILIZATION**  
**NPK - UREE - DAP**  
**BARBARY PLANTE**  
**EVOLUTION**  
**100% ORGANIC**

**Fertilizer Hydro Retentive**  
composed of specific polymer  
enriched with major nutrients:  
**Nitrogen, Phosphorus,**  
**Potassium, Urea**  
**and trace elements**

**Presented in hydrogel form**  
**100% BIODEGRADABLE**

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**FERTILIZER**  
**HYDRO RETENTIVE**  
**NPK/UREE/DAP**  
**BARBARY PLANTE**  
**EVOLUTION**  
**100% ORGANIC**



# SMART FARMING

FERTILIZER

HYDRO RETENTIVE

NPK - UREE - DAP

BARBARY PLANTE EVOLUTION

100% ORGANIC

- FOR ALL CROPS
- FOR ALL SOILS
- 50% REDUCTION IN WATER CONSUMPTION
- YIELD INCREASE
- REDUCTION OF PRODUCTION CYCLES
- CROP PROTECTION AGAINST DROUGHT
- INCREASING PLANT RESISTANCE TO DISEASE

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# SMART FARMING

## WE OFFER CULTIVATION PLANS "PRODUCT IN HAND"

- TRAINING
- TECHNICAL SUPPORT
- AGRICULTURAL EQUIPMENT
- IRRIGATION SYSTEM
- SEED
- FERTILIZER
- FERTILIZING HYDRO-RETENTIVE BP EVOLUTION
- RCONTRACTS FOR THE PURCHASE OF PRODUCTION "MARKET IN HAND"
- SEARCH FOR FUNDING AND/OR PARTNERSHIPS

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# INDUSTRIALISATION

## PROCESSING OF AGRICULTURAL PRODUCTION

**ASSESS THE LOCAL AND EXPORT MARKETING  
POTENTIAL OF THE PRODUCTS TO BE  
PROCESSED**

**VALIDATE THE LOCAL AVAILABILITY AND  
QUALITY OF THE PRODUCTS TO BE PROCESSED**

**VALIDATE PRODUCERS' CULTIVATION PLANS IN  
QUANTITY AND QUALITY**

**VALIDATE LONG-TERM AGREEMENTS**

**AVOIDING LANDFILLING OF AGRICULTURAL  
PRODUCTION**

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# INDUSTRIALISATION

## PROCESSING OF AGRICULTURAL PRODUCTION

- SOLUTIONS TO INCREASE FOOD PRODUCTION
- AVOIDING CROP LOSSES
- RÉDUIRE LES COÛTS
- IMPROVING THE QUALITY OF AGRICULTURAL PRODUCTS.







# INDUSTRIALISATION

## PROCESSING PLANT "MARCH IN HAND"

**INNOVATIVE SOLUTIONS FOR  
THE PRODUCTION AND  
PROCESSING OF  
AGRICULTURAL RAW  
MATERIALS BASED ON  
EXPERTISE IN TRADING,  
ENGINEERING, FINANCING  
AND ENVIRONMENTAL  
PROTECTION.**

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# **INDUSTRIALISATION**

## **UNITS OF FOOD PRODUCTION AT THE "BEST BIDDER" ADAPTED**

- **THE AVAILABILITY OF LOCAL AGRICULTURAL PRODUCTION**
- **THE VARIETY OF LOCAL AGRICULTURAL PRODUCTS**

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# INDUSTRIALISATION

## OUR CRITERIA OF CHOICE AT "BETTER BIDDER"

- **BEST AVAILABLE TECHNOLOGIES**
- **QUALITY**
- **RELIABILITY**
- **DURABILITY**
- **GUARANTEES**
- **AFTER-SALES SERVICES**
- **SUSTAINABLE & RESPONSIBLE**

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# INDUSTRIALISATION

**WE OFFER  
AGRICULTURAL PROCESSING  
PLANTS**

**« MARKET IN HAND »  
INCLUDING**

- **STUDIES**
- **SEEKING FUNDING AND/OR PARTNERSHIPS**
- **THE CREATION OF "PRODUCTS IN HAND" FACTORIES**
- **TRAINING**
- **TECHNICAL SUPPORT**
- **MARKETING**

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# COMMERCIALIZATION

A CRUCIAL ISSUE FOR  
ECONOMIC AND SOCIAL

DEVELOPMENT  
ECONOMIC  
OPPORTUNITIES

LOCAL & EXPORT  
MARKETS

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AN ECONOMIC NETWORK OF AGRICULTURAL PRODUCERS PRESENT  
IN MORE THAN 80 COUNTRIES AND ON FIVE CONTINENTS

## COMMERCIALIZATION

BENEFIT FROM OUR  
INTERNATIONAL ECONOMIC  
NETWORK FOR THE  
MARKETING OF FRESH OR  
PROCESSED AGRICULTURAL  
PRODUCTS  
TO PROVIDE FARMERS AND  
PROCESSORS WITH A WAY TO  
SELL THEIR PRODUCTS  
GLOBALLY

OR TO BUY...

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# ENVIRONMENT

## OUR APPROACH

### ZERO LANDFILL

FROM WASTE TO ENERGY

RECYCLING GREEN WASTE

- IN AMENDMENT
- OR AS ANIMAL FEED

REDUCING THE  
ENVIRONMENTAL IMPACT OF  
FERTILIZERS

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GREENHOUSE GAS EMISSIONS  
SOIL POLLUTION  
WATER POLLUTION  
HEALTH RISKS  
IMPACT ON BIODIVERSITY



# ENVIRONMENT

## FROM WASTE TO ENERGY

### RECOVERY OF ORGANIC WASTE

**PROCESS ALL SOLID ORGANIC WASTE DIRECTLY IN**

- **HEAT ENERGY**
- **ELECTRICAL ENERGY**
- **RECOVERING WATER FROM WASTE FOR IRRIGATION**
- **UPGRADING METALS**

**WITHOUT PRIOR SORTING**

**POLLUTION-FREE**

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**BIOMASSE**



**HOUSEHOLD, URBAN & INDUSTRIAL WASTE**







# **ENVIRONMENT**

## **SMOLDERING**

**SMOLDERING IS AN EFFECTIVE METHOD OF RECOVERING SOLID ORGANIC WASTE.**

**EIT PRODUCES ENERGY FROM SOLID ORGANIC MATTER TO REDUCE THE AMOUNT OF WASTE SENT TO LANDFILL.**

**IT ALSO HAS ENVIRONMENTAL BENEFITS BY REDUCING GREENHOUSE GAS EMISSIONS.**



SMOLDERING SYSTEM



## **ENVIRONMENT**

# **RECOVERY OF GREEN WASTE**

**CONVERTING GREEN RESIDUES FROM AGRICULTURAL CULTIVATION AND PROCESSING:**

- **IN ANIMAL FEED, DEHYDRATED & SANITIZED**
- **AS A FERTILIZING, DEHYDRATED & SANITIZED AMENDMENT**

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**CONVERTEUR**



# ENVIRONMENT

## THE « CONVERTEUR »

RESULT OF A PRODUCT:

- CRUSHED
- DEHYDRATED
- HYGIENIZED

EASY TO STORE

ODURLESS

POSSIBLE IN PELLET FORM

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## **ENVIRONMENT**

### **THE « CONVERTEUR »**

**CONVERTS  
AGRICULTURAL  
RESIDUES  
INTO A FERTILIZING  
AMENDMENT  
OR  
IN ANIMAL FEED**

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#### **EXAMPLE OF RICE**

The rice straw left over after rice is harvested can be converted as a fertilizer or fuel amendment.

Grass seeds and other debris such as roots, leaves, and stems can be converted as a fertilizer or fuel amendment.

Rice husks are the outer husks of the rice grain that can be converted as a fertilizer or fuel amendment.

Waste generated during the rice processing process, such as broken rice and dust, can be used as animal feed.



## ENVIRONMENT

### THE « CONVERTEUR »

**CONVERTS AGRICULTURAL  
RESIDUES  
INTO A FERTILIZING  
AMENDMENT  
OR  
IN ANIMAL FEED**

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#### EXEMPLE DE L'ANANAS

Les feuilles et les tiges d'ananas peuvent être utilisées pour produire de la nourriture pour animaux.

La transformation de l'ananas en tranches ou en dés génèrent une grande quantité d'épluchures qui peuvent être transformées en amendement pour produire de l'engrais.

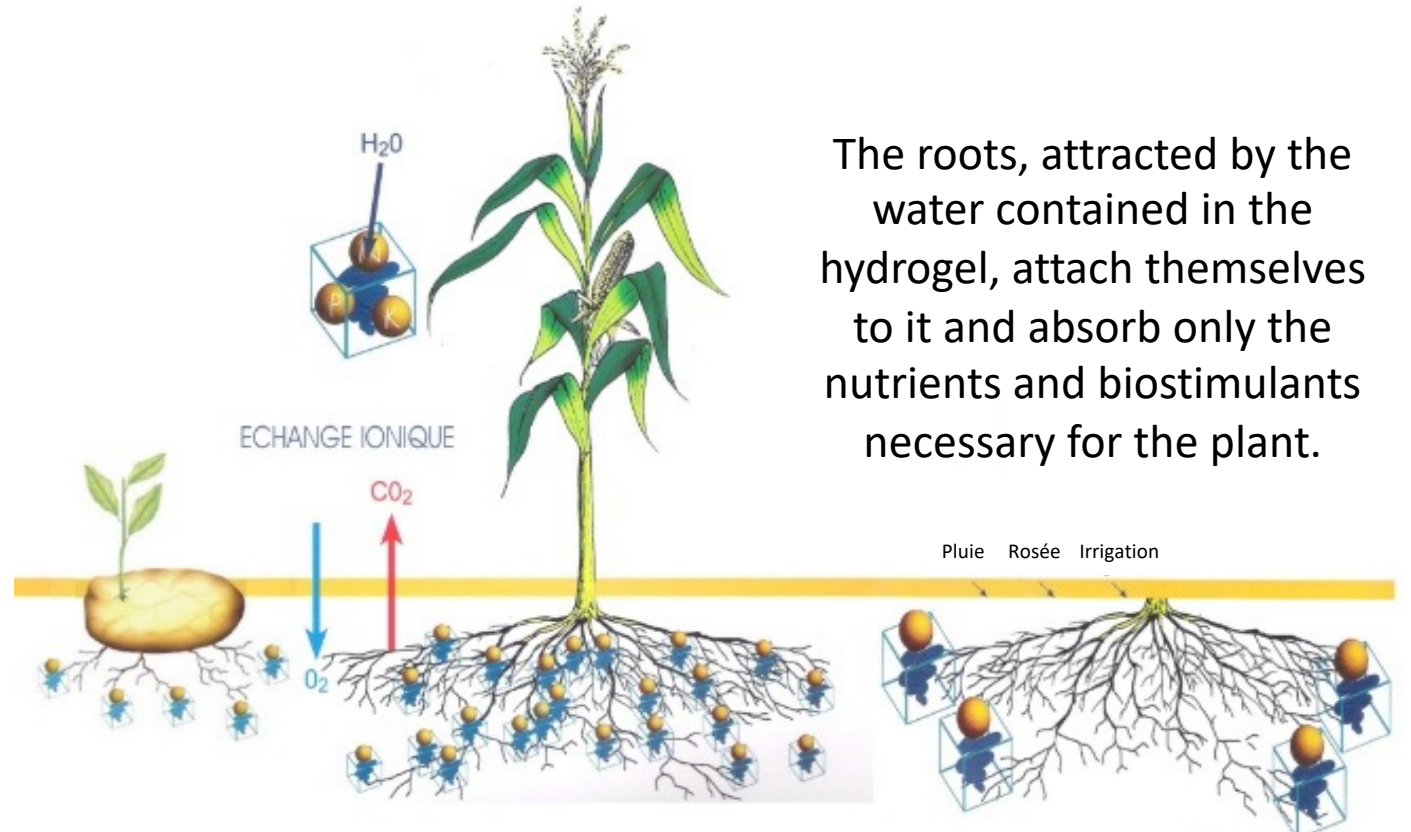
Les cœurs d'ananas issus de la transformation peuvent être transformés comme ingrédient dans les aliments pour animaux.



# ENVIRONMENT

## REDUCING THE ENVIRONMENTAL IMPACT OF FERTILIZERS

EXCESSIVE USE OF FERTILISERS CAN LEAD TO THE POLLUTION OF SOILS, GROUNDWATER AND WATERWAYS AS WELL AS THE LOSS OF BIODIVERSITY.



The roots, attracted by the water contained in the hydrogel, attach themselves to it and absorb only the nutrients and biostimulants necessary for the plant.



THE USE OF 100% ORGANIC AND 100% BIODEGRADABLE NPK/UREA/DAP BARBARY PLANTE EVOLUTION WATER-RETAINING FERTILIZER REDUCES THE USE OF TRADITIONAL FERTILIZERS



# **FUNDING**

## **OUR SOLUTION**

### **A.I.C.E.**

- **CONTRACT FOR THE "COUNTER-PURCHASE" OF PRODUCTION FOR EXPORT**
- **FINANCIAL SUPPORT FROM THE FACTORY SELLER OR A FINANCIAL INSTITUTION**
- **IMPORT SUPPLY OF PRODUCTS EQUIVALENT TO THE SITE'S FUTURE PRODUCTION TO ACQUIRE A CUSTOMER BASE**
- **CARBON CREDIT**

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# **FUNDING**

## **CONTRACT OF »Buy Back«**



**IN THE CONTEXT OF A PURCHASE OF A PRODUCTION PLANT, A "COUNTER-PURCHASE" CONTRACT CAN BE USED TO GUARANTEE THE PURCHASE OF PART OR ALL OF THE PLANT'S PRODUCTION BY THE BUYER.**

**THE "COUNTER-PURCHASE" CONTRACT IS OPERATIONAL AS SOON AS THE PLANT IS PURCHASED IN THE FORM OF A FIRM COMMITMENT FROM THE BUYER OVER A PERIOD OF 5 TO 7 YEARS, WHICH WILL MAKE IT EASY TO OBTAIN FINANCING.**





# **FUNDING CREDIT**



**WE SEEK FINANCING TAILORED TO THE NEEDS OF FARMERS TO HELP THEM FINANCE THEIR AGRICULTURAL INVESTMENTS. WE ALSO PROVIDE THE TRAINING AND TECHNICAL SUPPORT NEEDED TO OPTIMIZE THEIR PERFORMANCE AND ENSURE THE SUCCESS OF THEIR PROJECTS.**

**OUR GRANTS ENCOURAGE THE IMPLEMENTATION OF SUSTAINABLE AND INNOVATIVE AGRICULTURAL PRACTICES, SUCH AS AGROFORESTRY, CROP ROTATION, AND THE USE OF ADVANCED TECHNOLOGIES FOR SOIL WATER AND NUTRIENT MANAGEMENT.**

**THIS CONTRIBUTES TO THE PRESERVATION OF NATURAL RESOURCES AND ENSURES SUSTAINABLE AND RESPONSIBLE AGRICULTURE.**



## **FUNDING**

## **ASSISTANCE IN THE CREATION OF A CLIENTELE**

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**WHEN SELLING AN AGRICULTURAL PRODUCTS PROCESSING PLANT, WE SUPPORT THE INVESTOR IN THE CONSTRUCTION OF HIS PLANT AND OFFER TO SUPPLY, FROM THE BEGINNING OF THE PROJECT, PRODUCTS EQUIVALENT TO HIS FUTURE PRODUCTION IN SUFFICIENT QUANTITIES TO CREATE HIS OWN**

**CUSTOMERS. THE IMPORTATION OF THESE PRODUCTS IS TEMPORARY, UNTIL THE PLANT IS OPERATIONAL AND CAN DELIVER TO ESTABLISHED CUSTOMERS.**



# FUNDING

## CREDIT CARBONE & SMART AGRICULTURE

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OUR APPROACH TO SMART AGRICULTURE REDUCES GREENHOUSE GAS EMISSIONS THROUGH SUSTAINABLE PRACTICES SUCH AS OPTIMIZED SOIL AND CROP MANAGEMENT, RENEWABLE ENERGY PRODUCTION, AND WASTE REDUCTION.



**FUNDING**

**CARBON CREDIT  
&  
SMART FARMING**

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**WE PROMOTE SMART AGRICULTURE FOR SUSTAINABLE AND RESPONSIBLE ECONOMIC GROWTH, ENABLING FARMERS TO GENERATE CARBON CREDITS THROUGH THE EMISSION REDUCTIONS THEY ACHIEVE.**

**THESE CREDITS CAN THEN BE SOLD ON CARBON MARKETS TO OFFSET EMISSIONS FROM OTHER INDUSTRIES.**



# FUNDING

CREDIT CARBONE

&

SMART AGRICULTURE



CARBON CREDIT IN AGRICULTURE ENCOURAGES SUSTAINABLE PRACTICES, ALLOWING FARMERS TO ACTIVELY CONTRIBUTE TO THE FIGHT AGAINST CLIMATE CHANGE WHILE GENERATING ADDITIONAL INCOME.



# GLOBAL GREEN DEVELOPMENT

The development of smart agriculture for sustainable and responsible economic growth on the African continent to fight famine and reduce water consumption.



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