

DESERT
CONTROL

GLOBAL
CLEANTECH
SUMMIT



DUBAI

Company Presentation

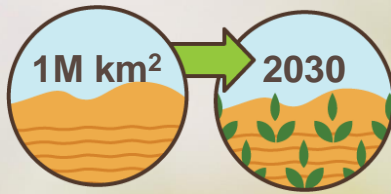
Making Earth Green Again

– from sand to soil in 7 hours



MAKING EARTH GREEN AGAIN

to foster the prosperity of life



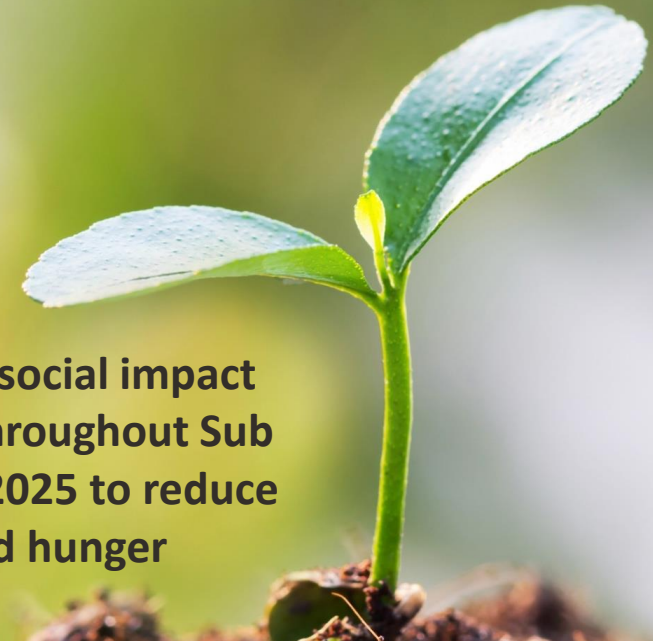
Cultivate and green
100 Million Hectares
of degraded land and
desert by 2030



Contribute to sustainable social
impact, immense water savings
and balanced climate with
carbon sequestering

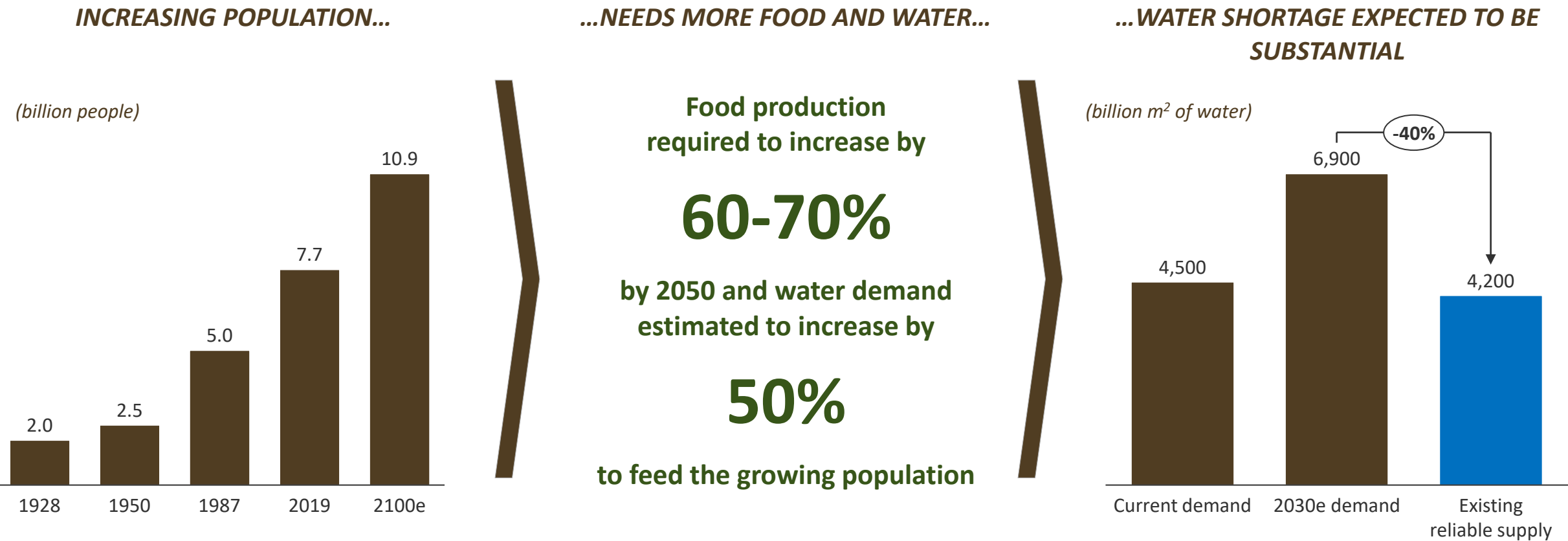


Establish a social impact
initiative throughout Sub
Sahara by 2025 to reduce
poverty and hunger



POPULATION GROWTH DRIVING INCREASED DEMAND FOR FOOD AND WATER

WATER DEMAND EXPECTED TO EXCEED RELIABLE WATER SUPPLY BY 40% IN 2030



By 2025, 1.8 billion people will experience absolute water scarcity, and 2/3 of the world will be living under water-stressed conditions

United Nations
Convention to Combat Desertification

Source: Our World Data; Food and Health Organization; Water 2030 Global Water Supply and Demand model; agricultural production based on IFPRI IMPACT-WATER base case

PATENTED PROCESS BASED ON 12 YEARS RESEARCH

LIQUID NATURAL CLAY («LNC»)

PREMISE

Clay-rich soil retains water effectively and has high resilience to droughts



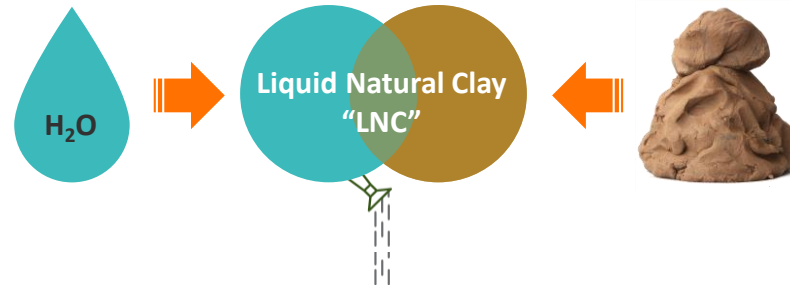
Working clay into the soil, however, is challenging



Up to 100 kg of clay needed per m²

DESERT CONTROL'S PATENTED LNC PROCESS

Natural clay is turned into a liquid nearly as thin as water



Liquid is applied onto the surface, and percolates down to form a soil structure that retains water like a sponge

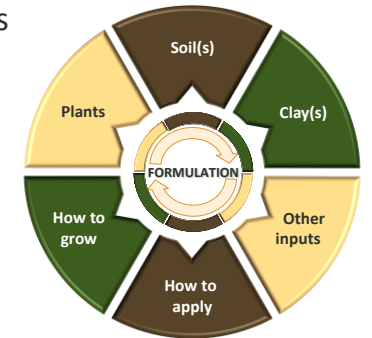


KNOWLEDGE BASED STRATEGY

- Each clay type has unique properties
- Different soils require custom liquid compositions
- Plants have different preferences

LNC is made scalable:

- Automation
- Formulation
- Data Analytics
- AI & Machine Learning



Unique nano-technology reduces the clay consumption from 100 kg to less than 1 kg per m²

DESERT CONTROL'S LNC TREATMENT IS PART OF THE SOLUTION

ENRICHES THE FERTILITY CAPABILITY IN DESERT SAND – LOWER WATER USAGE AND IMPROVED SOIL HEALTH

1. *UNIQUE FORMULATION PROCESS*

Clay is processed into a liquid compound

2. *SPRAY ON*

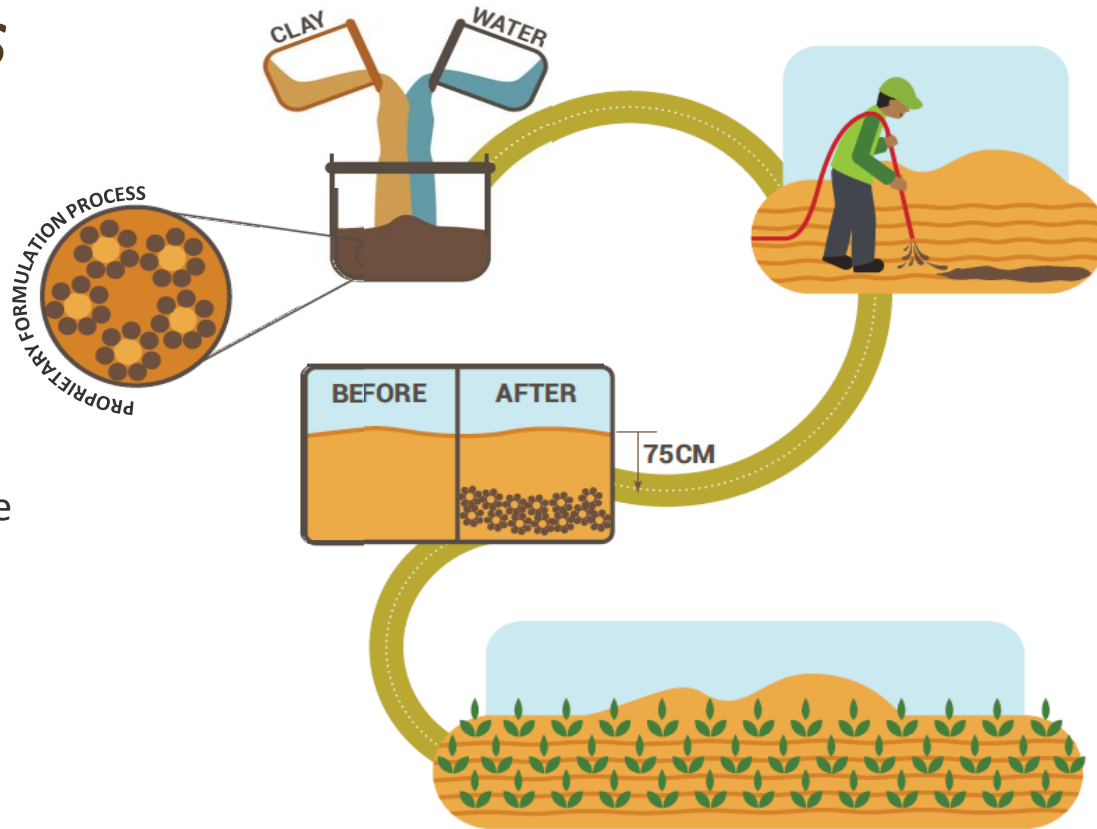
Applied directly to sand or arid soil

3. *EFFECT*

Forms a soil structure that retains water like a sponge

4. *RESULT*

- 20-50% water and fertilizer savings
- Increased crop yields and carbon uptake



RECOGNIZED AS “ONE TO WATCH” IN VARIOUS CLIMATE-TECH COMPETITONS

AS WELL AS STRONG INTEREST FROM MEDIA



Katerva Awards 2020 Winner
(Referred to by Reuters as the
Nobel Prize of Sustainability)



**CleanTech Top-50 to watch
innovations for 2021**



**Mastercard Lighthouse MASSIV
Winner of 2020 Program**



**GreenTech Challenge
2019 Winner**
(BCG, KPMG, GTC)



World Economic Forum
(Top 100 Start-up Award 2019)



Start-up of the year, UAE
(Arabian Business Awards)



Global Innovator by Expo Live
(EXPO 2020)

>70 EDITORIAL COVERAGE IMPRESSIONS OVER LAST 2 YEAR

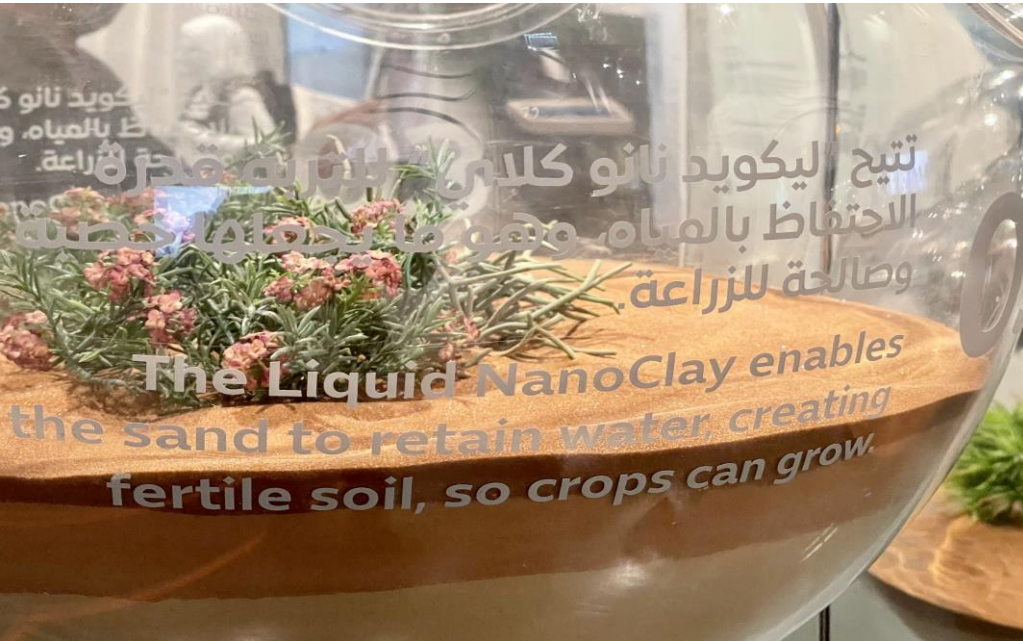


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DEPLOYMENT OF MOBILE FACTORIES

