



**2022**

Company Update

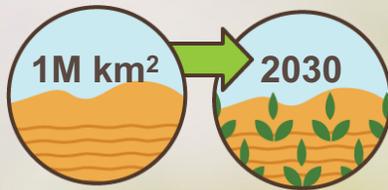
Desert Control AS



**DESERT**  
CONTROL

# 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



# The current balance sheet



Climate change

Loss of biological diversity

Pandemics and wars

Hunger and poverty

# About Desert Control

A NATURE-BASED SOLUTION  
FROM SAND TO SOIL IN 7 HOURS

## FOCUS

Desert Control specializes in climate-smart agriculture technology to combat desertification, soil degradation, and water scarcity



*12 million hectares of fertile land perish to desertification and droughts annually*



*Less than 60 years left for global agriculture if soil degradation continue at current pace*



*1.8 Billion people will suffer absolute water scarcity by 2025*

## SOLUTION

Liquid Natural Clay (LNC) restores and protects soil, reduce water usage, and increase yields; for agriculture, forests, and green landscapes



# A problem worth solving

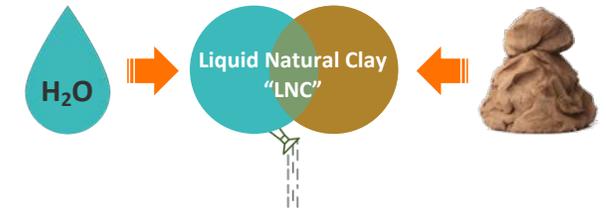


- Less than 15% of water retained in the soil for plants to use

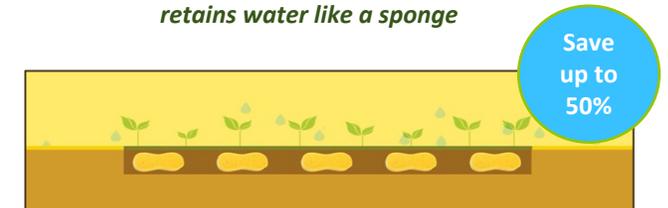
A NATURE-BASED SOLUTION  
FROM SAND TO SOIL IN 7 HOURS

## DESERT CONTROL'S PATENTED LNC PROCESS

*Natural materials and clay is turned  
into a liquid nearly as thin as water*



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



# The value of restoring land and soil



# Agenda / Q1 2022

Q1 2022 REPORT AND FINANCIAL RESULTS / COMPANY PRESENTATION



**Q1 Highlights**



**Financials**

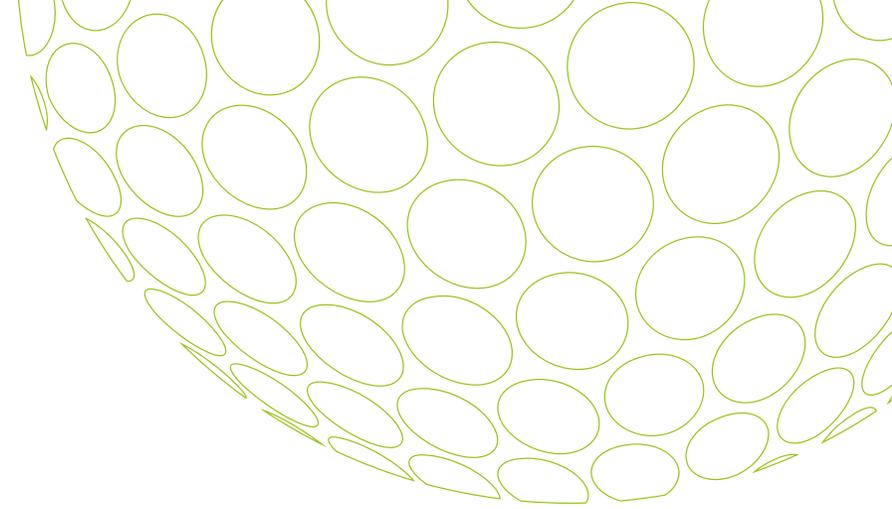


**Outlook**



**Questions  
and answers**

# Q1 Highlights



## COMMERCIALIZE IN THE UAE

- Incorporated Mawarid Desert Control
- Improved application capabilities
- Achieved further positive pilot results

## VALIDATE IN THE UNITED STATES

- Hired CEO for Desert Control Americas
- First LNC deployment on U.S. soil
- Building additional capacity

## BUILD THE FOUNDATION

- Strengthened executive leadership
- Launched business development team
- Established Desert Control Academy

# Company Update

## Q1 2022



موارد ديزرت كنترول  
Mawarid Desert Control



### MAWARID DESERT CONTROL LLC

- Awarded business license on 29 March 2022
- Operational readiness activities commenced from 9 May 2022
- Will operate as an independent company

### NEXT STEPS

- Hire sales team and operational staff
- Finalizing administrative matters
- Prepare for commercial activity to commence from the end of Q2

# Company Update

## Q1 2022



### DESERT CONTROL MIDDLE EAST LLC

- Strengthened leadership
- Completed hires for the operational team
- Conducted training and field readiness initiatives

# Company Update Q1 2022



## FIELD INITIATIVES TO INCREASE LNC APPLICATION CAPACITY AND CAPABILITIES



# Company Update

## Q1 2022



### ACHIEVED FURTHER POSITIVE PILOT RESULTS

CROPS/VEGETATION	WATER SAVINGS	SEGMENT	LOCATION
Carrots, Cauliflower, Green Pepper and Lady Fingers	40%	Agriculture	Private farm in Al Ain, Abu Dhabi
Pearl Millet, Zucchini and Watermelon	40%	Agriculture	ICBA* in Dubai (Independent validation)
Cucumber, Basil, and Beetroot	50%	Agriculture	Research farm in Al Ain, Abu Dhabi
Sweet Corn	35%	Agriculture	Private farm in Dubai
Date Palms	50%	Agriculture	Private farm in Al Ain, Abu Dhabi
Salvadora, Ghaf, and Ziziphus (native forest trees)	40%	Forest/trees	Forest in Al Ain, Abu Dhabi
Palm Trees	50%	Landscaping	Luxury residential resort in Dubai
Paspalum Grass	45%	Landscaping	Investment and real-estate firm in Dubai
Paspalum Grass	40%	Landscaping	Luxury residential resort in Dubai
Lawn Area	35%	Landscaping	VIP area in Abu Dhabi
Bermuda Grass	47%	Landscaping	ICBA* in Dubai (Independent validation)
Turf Grass / Lawn Area	40%	Landscaping	Public park in Abu Dhabi

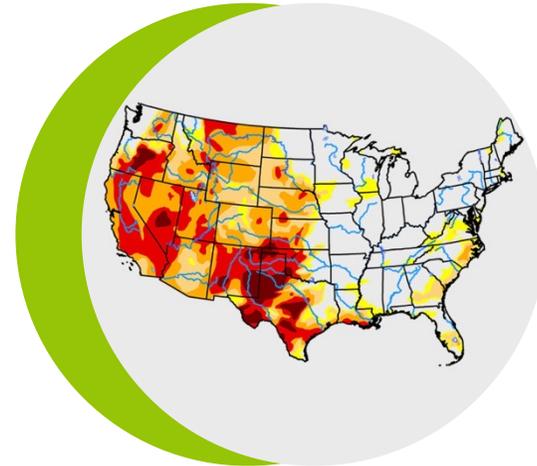


# Company Update

## Q1 2022



- Hired CEO for Desert Control Americas



- Accelerating US ramp up

# Company Update

## Q1 2022



- Developed a new prototype LNC production unit for pilot projects in the U.S.



- Building additional capacity

# Company Update

## Q1 2022



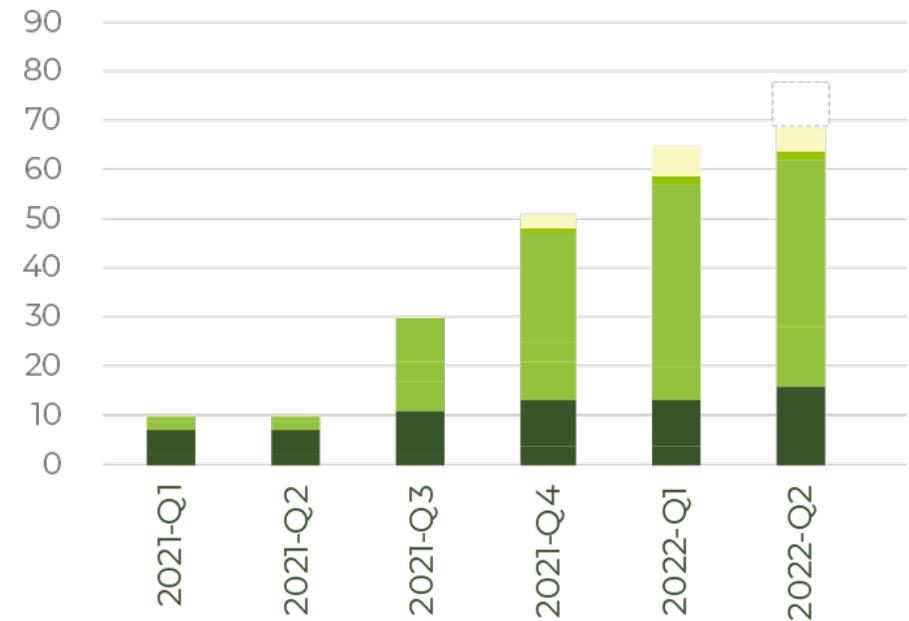
- First deployment of LNC on American soil

# Company Update

## Q1 2022

- Grew from 51 to 65 full-time intelligent and passionate team members (FTIPPs).
- Attracted new talent to accelerate commercialization and go-to-market activities
- Strengthened the executive leadership team

FTIPP\* development



(\* Full Time Intelligent Passionate People)

# Introducing the new executive leadership team



**Ole Kristian Sivertsen**  
President and Group CEO



★ **Bernt Arne Breistein**  
Chief Strategy Officer



★ **Marianne Vika Bøe**  
Chief Financial Officer



**Tor M Karlsen**  
Chief Technology Officer



★ **Nancy Carda**  
Head of Group Marketing  
and Communications



★ **Jan Vader**  
Desert Control Middle East



★ **Michael Davidson**  
Desert Control Americas



★ **Charlie Granfelt**  
Chief Commercial Officer



★ **Ordin Husa**  
Chief Operations Officer



**Hege Kverneland**  
Technology Strategy Officer

# Agenda / Q1 2022

Q1 2022 REPORT AND FINANCIAL RESULTS / COMPANY PRESENTATION



**Q1 Highlights**



**Financials**



**Outlook**



**Questions  
and answers**

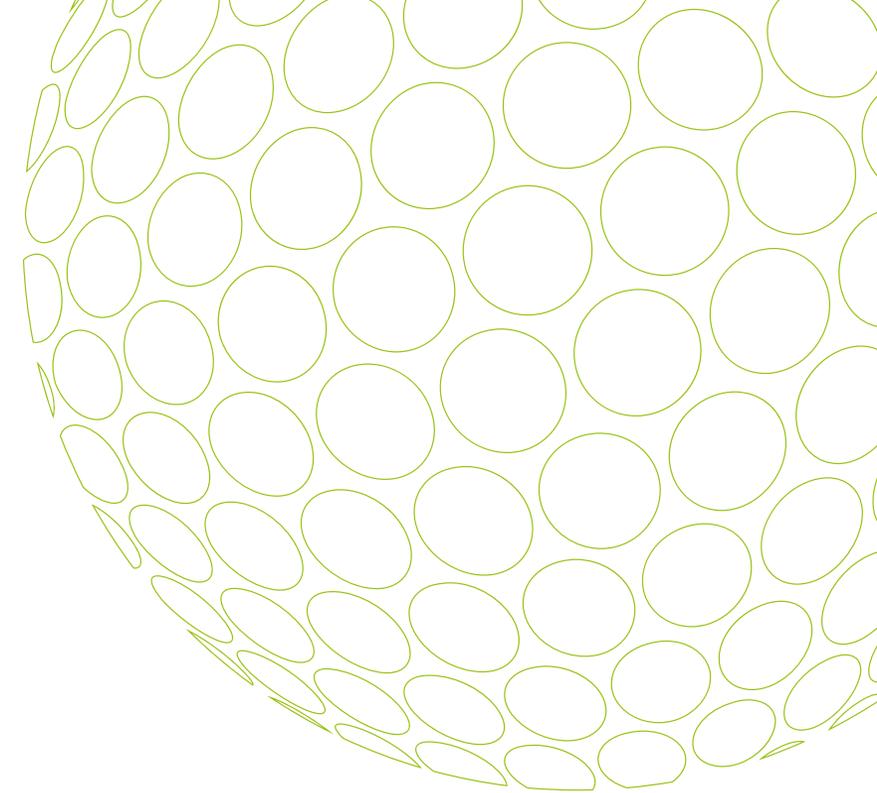
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# Financial key figures

## FINANCIAL HIGHLIGHTS FIRST QUARTER 2022

[first quarter 2021 in brackets]

- Revenue NOK 0.6M  
[NOK 0.0M]
- EBITDA NOK -22.8M  
[NOK -9.2M]
- Net Income NOK -23.7M  
[NOK -9.3M]
- Gross R&D expenses  
NOK 1.6M [NOK 3.9M]
- Innovation Norway /  
Skattefunn grants NOK 1.9M  
[NOK 0.0M]
- Net proceeds from capital  
injection NOK 0.0  
[NOK 190M]
- Total cash balance 31.03.22  
(bank deposits and funds)  
NOK 153.3M [NOK 25.2M]
- Equity 31.03.22 NOK 170.6M  
(equity ratio 92.5%)  
[NOK 28.0 (63.2%)]



# Consolidated statement of comprehensive income

(Amounts in NOK thousand)	Notes	Q1 2022	Q1 2021	Full 2021
Revenue from sales	2.1	595	-	3 127
Other income		-	-	-
<b>Total income</b>		<b>595</b>	<b>-</b>	<b>3 127</b>
Cost of goods sold (COGS)		908	118	563
<b>Gross margin</b>		<b>-313</b>	<b>-118</b>	<b>2 564</b>
Salary and employee benefit expenses	2.3	16 341	4 550	14 993
Other operating expenses	2.4	6 160	4 561	18 662
Depreciation and amortisation	3.1,3.2	1 075	188	1 544
Impairment	3.1,3.2	-	-	658
<b>Operating profit or loss</b>		<b>-23 889</b>	<b>-9 418</b>	<b>-33 293</b>
Finance income		427	191	1 730
Finance costs		236	37	179
<b>Profit or loss before tax</b>		<b>-23 699</b>	<b>-9 264</b>	<b>-31 743</b>
Income tax expense		-	-	-
<b>Profit or loss for the year</b>		<b>-23 699</b>	<b>-9 264</b>	<b>-31 743</b>

# Consolidated statement of financial position

(Amounts in NOK thousand)	Notes	31.03.2022	31.03.2021	31.12.2021
<b>ASSETS</b>				
<b>Non-current assets</b>				
Goodwill		6 504	6 345	6 504
Property, plant and equipment	3.1	14 132	1 475	10 525
Right-of-use assets	3.2	1 672	1 262	2 006
Deferred tax assets		-	-	-
<b>Total non-current assets</b>		<b>22 308</b>	<b>9 082</b>	<b>19 036</b>
<b>Current assets</b>				
Accounts receivable		103	-	544
Other receivables		8 670	9 839	5 597
Other current financial assets		65 371	-	77 347
Cash and cash equivalents	4.5	87 886	25 187	101 924
<b>Total current assets</b>		<b>162 110</b>	<b>35 027</b>	<b>185 412</b>
<b>TOTAL ASSETS</b>		<b>184 418</b>	<b>44 109</b>	<b>204 447</b>
<b>EQUITY AND LIABILITIES</b>				
<b>Equity</b>				
Share capital		123	71	122
Share premium		230 849	42 603	230 849
Currency translation differences		-71	-217	-107
Retained earnings		-60 289	-14 490	-36 592
<b>Total equity</b>	-	<b>170 612</b>	<b>27 967</b>	<b>194 272</b>

# Consolidated statement of financial position (continue)

(Amounts in NOK thousand)	Notes	31.03.2022	31.03.2021	31.12.2021
<b>EQUITY AND LIABILITIES</b>				
<b>Equity</b>				
Share capital		123	71	122
Share premium		230 849	42 603	230 849
Currency translation differences		-71	-217	-107
Retained earnings		-60 289	-14 490	-36 592
<b>Total equity</b>	-	<b>170 612</b>	<b>27 967</b>	<b>194 272</b>
<b>Non-current liabilities</b>				
Non-current lease liabilities	3.2	175	353	1 423
<b>Total non-current liabilities</b>		<b>175</b>	<b>353</b>	<b>1 423</b>
<b>Current liabilities</b>				
Current lease liabilities	3.2	1 060	690	528
Trade and other payables		3 551	2 756	2 523
Public duties payable		6 163	-282	1 023
Other current liabilities		1 911	12 626	1 497
Contract liabilities		945	-	3 181
<b>Total current liabilities</b>		<b>13 631</b>	<b>15 790</b>	<b>8 751</b>
<b>Total liabilities</b>		<b>13 806</b>	<b>16 142</b>	<b>10 175</b>
<b>TOTAL EQUITY AND LIABILITIES</b>		<b>184 418</b>	<b>44 109</b>	<b>204 447</b>

# Consolidated statement of cash flows

<b>Cash flows from operating activities</b> (NOK thousand)	<b>Notes</b>	<b>Q1 2022</b>	<b>Q1 2021</b>	<b>Full 2021</b>
<b>Profit or loss before tax</b>		<b>-23 699</b>	<b>-9 264</b>	<b>-31 743</b>
Adjustments to reconcile profit before tax to net cash flows:				
Net financial income/expense		-191	-154	-1 550
Depreciation and amortisation	3.1	1 075	188	1 544
Impairment	3.2	-	-	658
Share-based payment expense		90	289	811
Working capital adjustments:				
Changes in accounts receivable and other receivables		-2 631	-7 837	-4 139
Changes in trade payables, duties and social security payables		6 168	2 608	2 292
Changes in other current liabilities and contract liabilities		-1 821	9 831	2 579
<b>Net cash flows from operating activities</b>		<b>-21 007</b>	<b>-4 339</b>	<b>-29 547</b>

# Consolidated statement of cash flows (continue)

<b>Cash flows from investing activities (NOK)</b>	<b>Notes</b>	<b>Q1 2022</b>	<b>Q1 2021</b>	<b>Full 2021</b>
Purchase of property, plant and equipment	3.1	-4 317	90	-10 632
Purchase of financial instruments		11 976	-	-77 009
Proceeds from sale of property, plant and equipment	3.1	-	-	300
Interest received		427	191	462
<b>Net cash flow from investing activities</b>		<b>8 086</b>	<b>281</b>	<b>-86 879</b>
<b>Cash flow from financing activities (NOK)</b>				
Proceeds from issuance of equity	4.4	1		200 000
Transaction costs on issue of shares	4.4			-10 093
Lease payments	3.2	-727	-355	-1 098
Interest paid		-236	-37	462
<b>Net cash flows from financing activities</b>		<b>-961</b>	<b>-392</b>	<b>189 271</b>

# The DSRT share



## Origin of shareholders

No of shares	%	Origin	# shareholders
34216734	83,25	Norway	3460
3878686	9,44	Luxembourg	5
2134341	5,19	UK	12
327605	0,80	Sweden	13
542313	1,32	Others	45
41099679	100,00	Total	3535

## The Group's shareholders:

Shareholders in Desert Control AS at 31.03.2022	Total shares	Ownership/ Voting rights
Olesen Consult HVAC AS	5 900 000	14.3%
J.P. Morgan SE	1 761 720	4.3%
Ole Morten Olesen	1 650 000	4.0%
Nordnet Livsforsikring AS	1 550 672	3.8%
Beyond Centauri AS	1 543 371	3.8%
Lithinon AS	1 423 706	3.5%
Nesse & Co AS	1 360 000	3.3%
Monsunen Forvaltning AS	1 254 715	3.1%
LIN AS	1 215 275	3.0%
DnB NOR Bank ASA	1 198 967	2.9%
Atle Idland	1 135 843	2.8%
Jakob Hatteland Holding AS	1 000 000	2.4%
The Northern Trust Comp, London Br	958 275	2.3%
JPMorgan Chase Bank, N.A. London	943 377	2.3%
Clearstream Banking S.A.	905 648	2.2%
Investore Finans AS	883 147	2.1%
OKS Consulting AS	800 000	1.9%
Sortun Invest AS	627 715	1.5%
Glomar AS	627 715	1.5%
CACEIS Bank	587 768	1.4%
Others	13 771 766	33.5%
<b>Total</b>	<b>41 099 680</b>	<b>100%</b>

# Agenda / Q1 2022

Q1 2022 REPORT AND FINANCIAL RESULTS / COMPANY PRESENTATION



**Q1 Highlights**



**Financials**



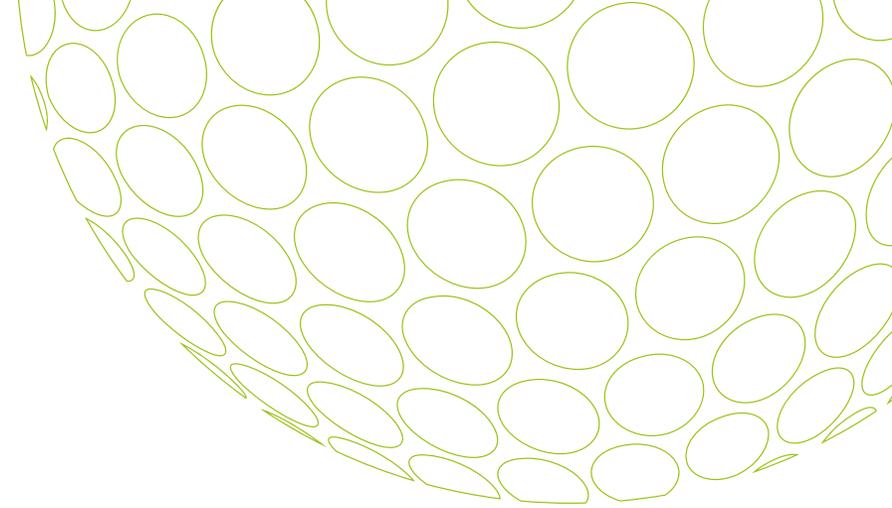
**Outlook**



**Questions  
and answers**

Moderator  
Webcast Session

# Outlook



## COMMERCIALIZE IN THE UAE

- Support getting Mawarid Desert Control operational
- Transfer commercial opportunities / pilots
- Targeting commercial activity from end Q2

## VALIDATE IN THE UNITED STATES

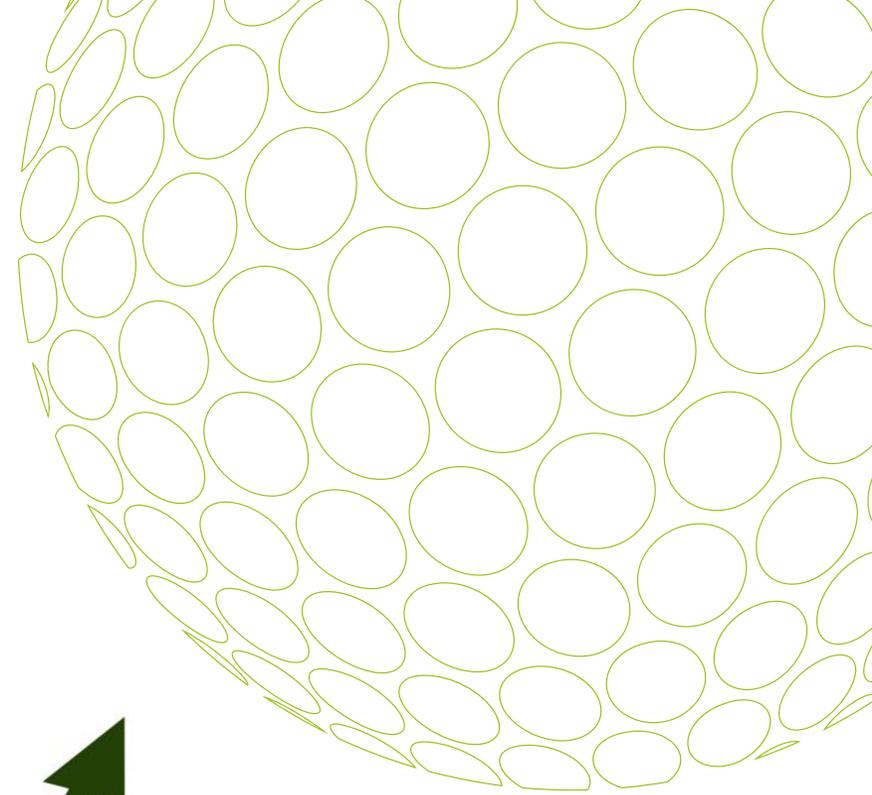
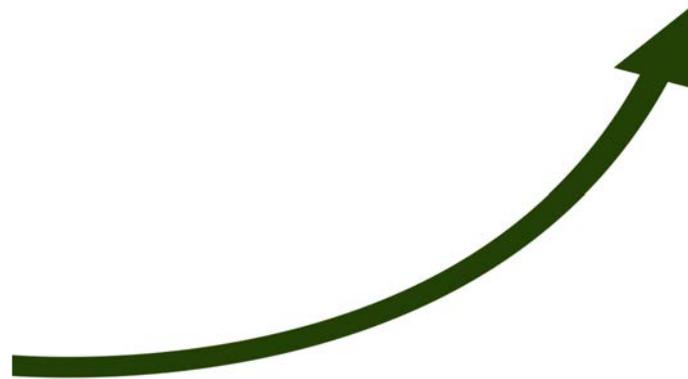
- Build the team
- Establish operational headquarter in Arizona
- Continue validation initiative, launch pilots, prepare to accelerate U.S. activities in H2

## BUILD THE FOUNDATION

- Onboard executive leadership and business development team
- Ensure readiness to scale on demand
- Focus R&D efforts on the scale-up strategy

# From start-up to scale-up

**DRIVING THE TRANSITION  
FROM START-UP TO SCALE-UP**



# Cautionary note

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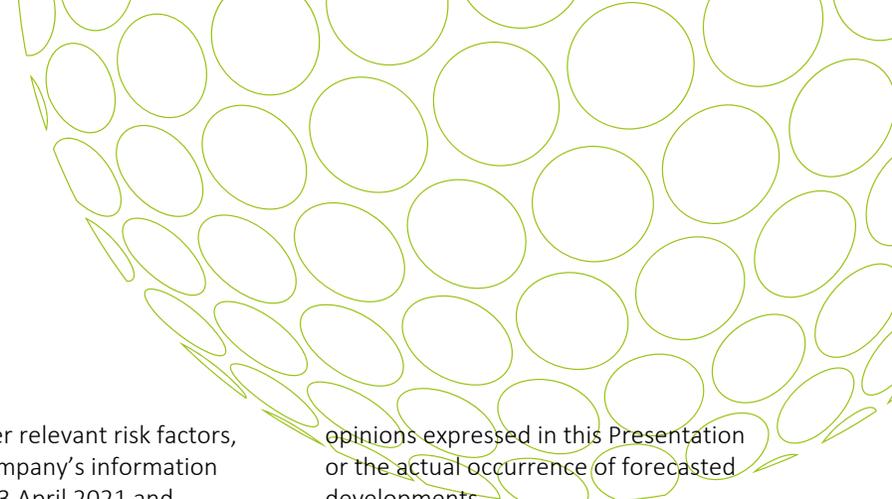
description of other relevant risk factors, we refer to the Company’s information document dated 13 April 2021 and available on the Company’s website.

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# Agenda / Q1 2022

Q1 2022 REPORT AND FINANCIAL RESULTS / COMPANY PRESENTATION



**Q1 Highlights**



**Financials**



**Outlook**



**Questions  
and answers**

Moderator  
Webcast Session

**Thank you  
for your attention!**



# Transformation in the making



# Appendix

DESERT CONTROL COMPANY PRESENTATION

# Vision and mission

## Why

Making earth green again to foster the prosperity of life

We aim to reclaim 100 million hectares of degraded land and desert by 2030

We strive to create sustainable social impact, immense water savings, global food security, and regeneration of ecosystems to sequester carbon and balance our climate

We aim to establish a social impact initiative throughout the Sub Sahara region by 2025 to reduce poverty and hunger

*Water, food, and a stable climate is the pathway to peace and prosperity for people and planet.*

## How

We combat desertification, land degradation, and water scarcity by;

Restoring and protecting vital topsoil;  
Reclaiming degraded land – turning sand into soil;  
Regenerating soil biodiversity and natural ecosystems;  
Reducing the consumption of water, fertilizers, and natural resources; for agriculture, forests, and green landscapes

*Desertification, loss of fertile soil, and growing water scarcity threaten all life on earth, further accelerated by climate change and overexploitation of natural resources.*

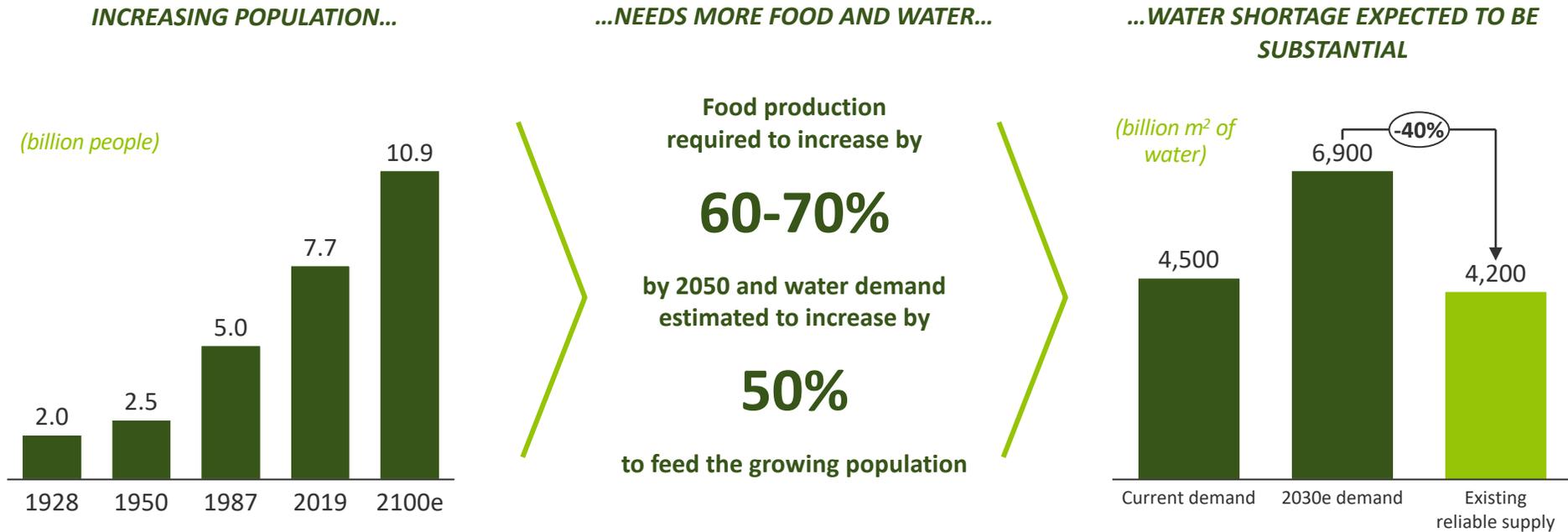
## What

Desert Control specializes in climate-smart Agri-tech solutions to combat desertification, soil degradation, and water scarcity. Our patented Liquid Natural Clay (LNC) enables sustainable ecosystem management by restoring and protecting soil's ability to preserve water and increase yields for agriculture, forests, and green landscapes.

LNC enables sand and degraded soil to retain water and nutrients, thus increasing crop yields and ecosystem resilience while preserving water resources by up to 50%.

*From sand to soil in 7 hours.*

# Population growth driving increased demand for food and water



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



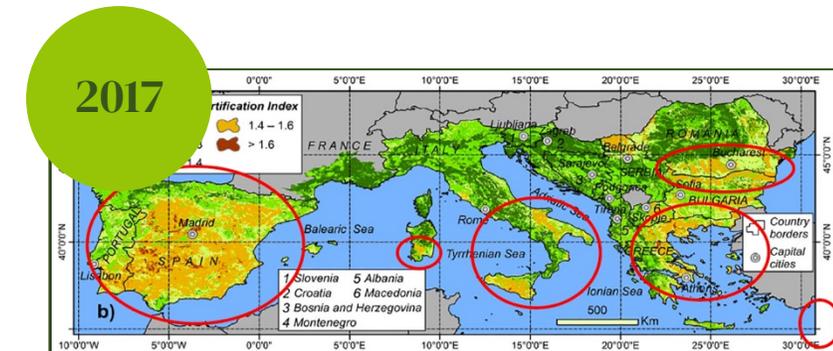
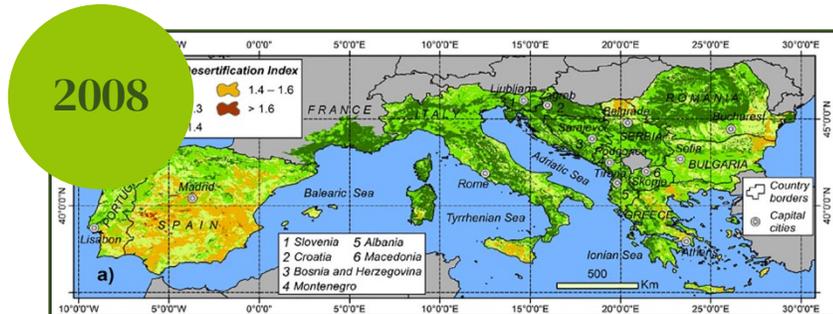
**United Nations**  
Convention to Combat Desertification

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

# United nations has declared desertification and land degradation the greatest environmental challenge of our time



# Beyond traditional deserts.



59% of territory with a higher or medium sensitivity to desertification



74% of territory at risk of desertification



+50% of mainland at risk of desertification

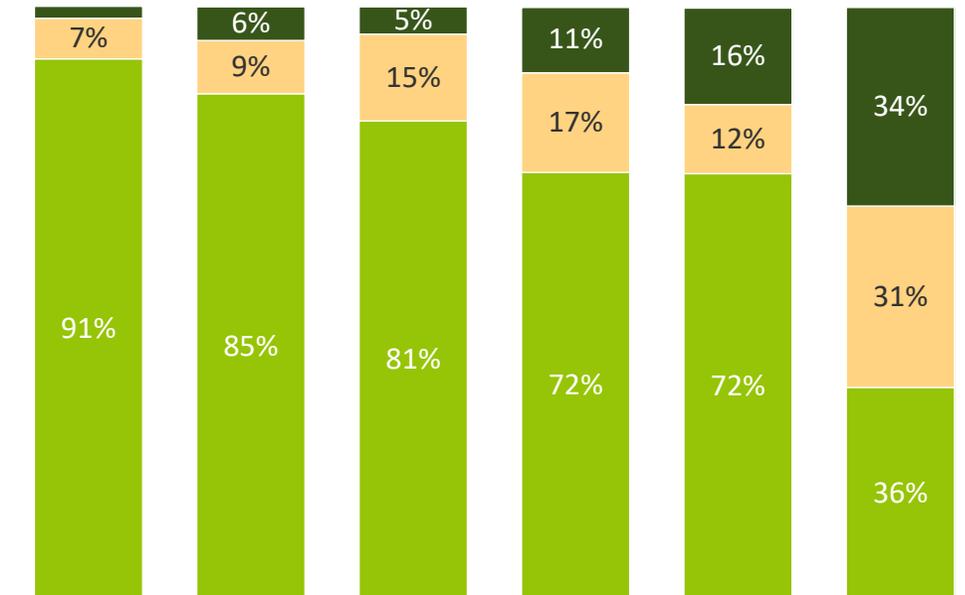


99% of territory vulnerable to desertification



# Freshwater used for agriculture.

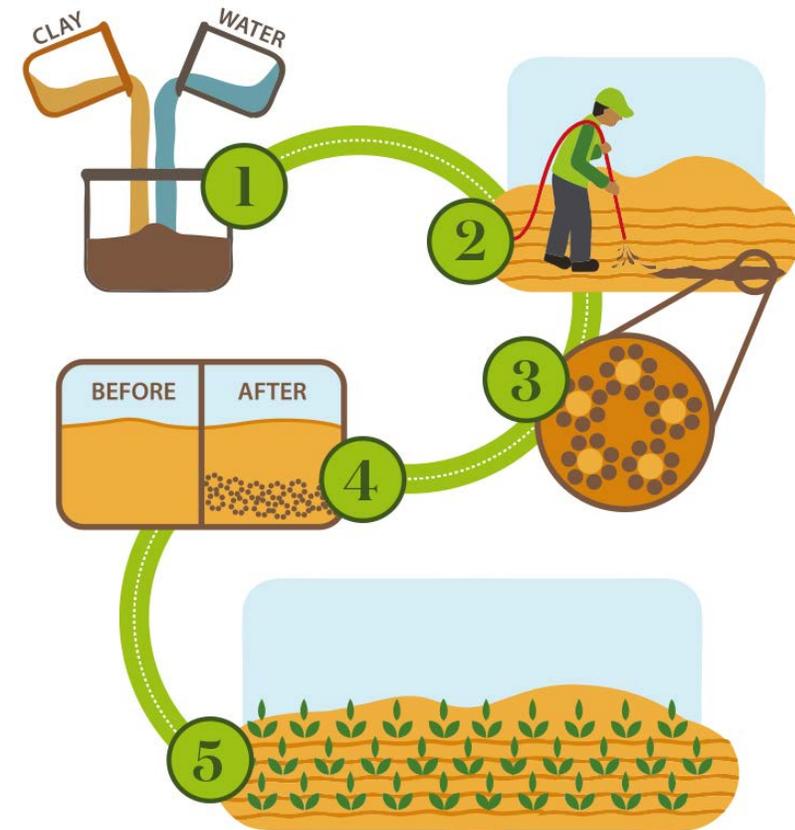
SHARE OF FRESHWATER WITHDRAWALS BY SECTOR (%)v



- The shortfall between demand and supply of water is estimated to be 40% by 2030
- Approx. 1/3 of the population will live in areas where the deficit is >50%
- The agriculture industry represents the single largest consumer of water in the world, accounting for ~70% of water withdrawals
  - Water challenges are therefore closely tied to food provisions and trade

# LNC treatment

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



# 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*



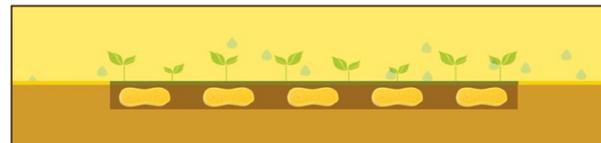
*Up to 100 kg of clay needed per m<sup>2</sup>*

## 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*

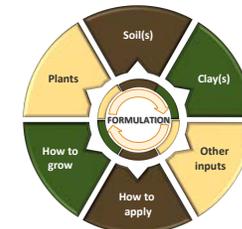


## KNOWLEDGE BASED STRATEGY

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

**LNC is made scalable:**

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



# Unique product offering with no direct competitor

DESERT CONTROLS LNC PROCESS IS THE ONLY NON-INTRUSIVE SOIL ENHANCEMENT OPTION

**INTRUSIVE**  
(mechanical/manual intervention)



Solid form soil amendment

**VS.**

**NON-INTRUSIVE**  
(self-percolating into the soil)



Liquid soil amendment

Intrusive soil enhancement treatments are costly, time consuming and to a large extent less effective

SUBSTITUTES AND OTHER METHODS FOR SOIL ENHANCEMENT ARE INTRUSIVE, TIME CONSUMING AND COSTLY

## LNC'S ADVANTAGES



Immense water savings: Up to 50%



Possible to Spray or Inject



Uniform Application



Natural Product



Applied using existing systems



Can be applied on existing greenery



Returns of 2X – 3X per investment cycle



One application lasts up to 5 years

# Proven, validated and patented

## MULTI-YEAR FIELD TRIALS



- EGYPT - BEFORE AND AFTER APPLICATION OF LNC

- UAE, AL AIN AFTER APPLICATION OF LNC



September 16, 2019

**Key findings for the Liquid Nano Clay (LNC) product being tested in turf and Bermuda grass pilot field trials in a desert environment**

It is very important to identify soil amendments that can enhance the soil properties in hot and dry conditions. Liquid Nano Clay (LNC) is one of the most promising solutions to improve the soil productivity and plant growth. Desert Control Company in collaboration with International Center for Biosaline Agriculture (ICBA) evaluated for the effectiveness of LNC product on turf and Bermuda grasses used for landscape purposes compared to the "business as usual" cultivation model of golf course companies. The experiment was conducted at ICBA's research station, looking into the water and nutrients retention and biomass production in desert conditions after LNC treatments application (pilot trial). The key findings after evaluation of the 10 Liquid Nano Clay (LNC) treatments, untreated plots included, on turf and Bermuda grass plots were the following:

- 1) Bermudagrass constituted a good grass candidate for the UAE summer climate compared to turf grass since the latter grass species could not survive the high temperatures during the hot summer season and finally died.
- 2) Bermuda grass treated with LNC could have water savings as high as 47% and still higher biomass production for certain mixtures.
- 3) Topsoil salinity significantly decreased in the LNC treated plots. This outcome was observed and verified by two soil samplings one month and four months after the LNC applications (25<sup>th</sup> of February & 29<sup>th</sup> of May 2019).
- 4) LNC treatment significantly increased soil available P content of the surface soils compared to the available N which was highly consumed by the grasses for their development.
- 5) Soil analysis for the second sampling (late May) showed that treatments 1.2 kg LNC injected, 1.2 kg LNC injected & combined with fungi, 0.7 kg LNC sprayed with aeration - 2 applications, 1.2 kg LNC sprayed with aeration - 20 L/m<sup>2</sup> and 1.2 kg LNC injected with sodium bentonite significantly increased soil Potassium available content compared to the control especially in the upper soil layers (up to 10 cm).
- 6) Treatments 1.2 kg LNC injected and 0.7 kg LNC sprayed with aeration were the ones that improved soil organic matter content especially at the second soil sampling.
- 7) F treatment (1.2 kg LNC injected combined with fungi) was very effective in boosting the growth of Bermuda grass species and demonstrated double fresh biomass production (2259.3 g/m<sup>2</sup>) compared to the one observed for ET based untreated plots (1085.7 g/m<sup>2</sup>) with a total of water savings of 47%.
- 8) ET based irrigation schedules on LNC treated plots with reduced flow rates of water showed good results and could lead to confirmed water savings of over 30%.
- 9) During ET based irrigation of all plots the 1.2kg LNC sprayed application seemed to have the highest soil moisture levels (almost twice as high as reference field) with over 30% less water consumption without any compromise on grass growth by using LNC.
- 10) Different LNC treatments showed better results at specific growth stages and time periods.

It is vital for agriculture implementers in desert areas to adopt management practices, methodologies and apply products that contribute in fresh-water savings and retain the soil moisture and nutrients in satisfying levels that will enhance crops growth and continuous development. LNC is such a product that its efficiency is evaluated for the first time in field trials following a systematic research study in desert climatic conditions.



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# The results – UAE desert example

- ✓ Less than 1kg of clay per m<sup>2</sup>
- ✓ Water and fertilizer savings (20-50%)
- ✓ Increased crop yields (17-62%)
- ✓ Improved soil, biodiversity, and carbon uptake



CROP YIELD INCREASE



# LNC identified as a potential impact solution by the united nations

THE GREATEST CHALLENGE OF OUR TIME: THE GREAT GREEN WALL

**RECEIVED OVER \$14 BILLION IN DONATIONS TO REGREEN THE SAHEL – WORLD BANK AMONG DONORS**



- RESTORE **100 MILLION HECTARES** OF DEGRADED LAND
- SEQUESTER **250 MILLION TONNES** OF CARBON
- CREATE **>10 MILLION GREEN JOBS** IN RURAL AREAS



+

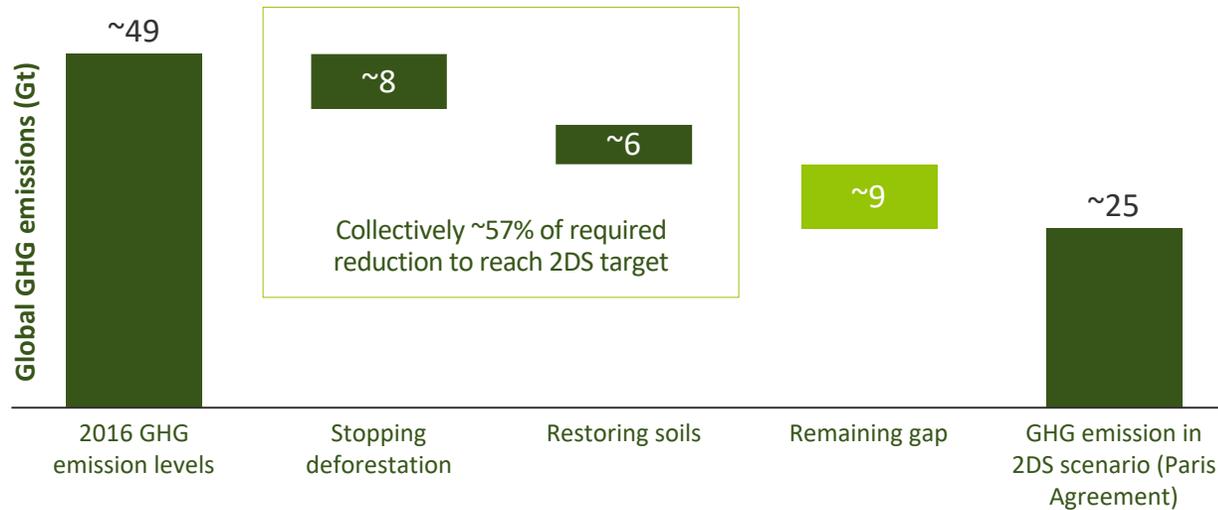


Source: UN; The Great Green Wall – [www.greatgreenwall.org](http://www.greatgreenwall.org)



# LNC / potential and impact potential.

In a conservative estimate of \$20 /t this translates to **\$280Bn** of annual cost



Stopping deforestation, restoring forests and improving forestry practices could cost-effectively remove **7 billion** metric tons of carbon dioxide annually – equivalent to eliminating **1.5 billion** cars, more than all of the cars in the world today

ADDRESSING KEY UN SUSTAINABLE DEVELOPMENT GOALS

- 1 NO POVERTY
- 2 ZERO HUNGER
- 3 GOOD HEALTH AND WELL-BEING
- 4 QUALITY EDUCATION
- 5 GENDER EQUALITY
- 6 CLEAN WATER AND SANITATION
- 7 AFFORDABLE AND CLEAN ENERGY
- 8 DECENT WORK AND ECONOMIC GROWTH
- 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
- 10 REDUCED INEQUALITIES
- 11 SUSTAINABLE CITIES AND COMMUNITIES
- 12 RESPONSIBLE CONSUMPTION AND PRODUCTION
- 13 CLIMATE ACTION
- 14 LIFE BELOW WATER
- 15 LIFE ON LAND
- 16 PEACE, JUSTICE AND STRONG INSTITUTIONS
- 17 PARTNERSHIPS FOR THE GOALS

SUSTAINABLE DEVELOPMENT GOALS

# Recognized as “one to watch“ in various climate-tech competitions

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



SingularityHub

SUPPORTED BY



An Expo 2020 Dubai Initiative



Horizon 2020

Stavanger Aftenblad



Climate-KIC

**TEDx**  
Ideas worth spreading



YouTube

LinkedIn

# ESG and impact

## IMPACT ON EXTERNAL ENVIRONMENT AND SUSTAINABILITY

Liquid Natural Clay (LNC) can reduce water consumption for agriculture, forests, and green landscapes by up to 50%. The amount of water required to produce LNC is recovered within 2-3 weeks (offset by irrigation water savings). Increased crop yields with improved water efficiency contribute significantly to the United Nations Sustainable Development Goals (SDGs), including reducing hunger and securing access to clean water. Arid regions using energy-intensive desalination of seawater can further significantly reduce CO<sub>2</sub> and greenhouse gas (GHG) emissions.

LNC enables sandy soil and desert land to retain water and nutrients. Reduction of water consumption further allows for reducing fertilizer usage. Reduced leaching of fertilizers and pesticides through the soil can

further minimize the risk of chemical run-off reaching through to natural water systems and oceans. Stopping fertilizer and pesticide leaching can further improve life below the water by reducing ocean acidification and eutrophication.

According to the Intergovernmental Panel on Climate Change (IPCC), restoring degraded soil ecosystems can globally offset 5-6 Gt of CO<sub>2</sub> annually. Even degraded soils have degrees of stored carbon. When tilling or mechanically working amendments into the ground, carbon exposed to oxygen may turn into CO<sub>2</sub> and escape into the atmosphere. LNC can be applied directly to the surface of the ground without intervention to the soil. LNC percolates into the ground in a non-intrusive way without exposing any carbon to surface air oxygen;

safeguarding the carbon storage of soil ecosystems and fostering increased carbon sequestration.

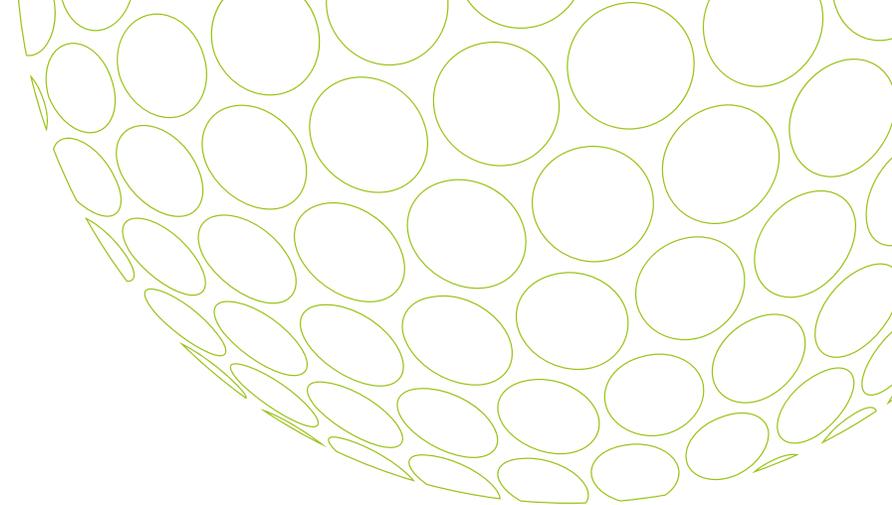
Non-intrusive soil treatment is further gentle to fragile soil-ecosystems, which is the home of 95% of all biological species on earth. Reclaiming and protecting soil is therefore critical to preserve and restore essential biodiversity.

Mining clay and the production of LNC requires energy. Logistics and transportation of material, equipment, and personnel, and manufacturing of equipment also require energy. Desert Control strives to reduce energy consumption in all stages of the process and facilitate the use of renewable energy sources wherever available. These negative impact factors are, by far, surpassed by the

sum of positive impact from stopping and reversing desertification and soil degradation, reducing water consumption, and other environmental benefits.

LNC has no adverse impact on any of the 17 United Nations Sustainable Development Goals (SDGs). Further, LNC has a significant direct positive impact on 9 of the SDGs.

Powered by operational data, an updated ESG and impact reporting framework will be under development during Q4 to align with ESG reporting standards for investors and stakeholders.



# About Desert Control

Desert Control is a company specialized in climate-smart agri-tech solutions to combat desertification, soil degradation, and water scarcity. Its patented Liquid Natural Clay restores and protects soil, reducing water usage for agriculture, forests, and green landscapes.

Desert Control AS is a private limited liability company incorporated under the laws of Norway. The Group has active subsidiaries in Abu Dhabi and Dubai, the United Arab Emirates.



# Our core values

## Leadership

Inspirational pro-active execution

## Growth-mindset

Curious and solution-oriented

## Innovation

Challenge status-quo | create value

## Integrity

Keep promises | grow strong relationships

## Contribution

Desire to make everything better

## Diversity

Inclusive | open-minded | respectful



# Our strategy

## Think Big:

Everything we do connects to a bigger picture and our vision of making earth green again.

## Start Small:

Even the longest journey starts with the first step. Focus is vital, and we do not spread our resources too thin. Our business plan starts with a 2 + 2 strategy focusing on two segments and two countries; agriculture and landscaping in the United Arab Emirates and the United States.

## Act Fast:

Everything we do is with a sense of urgency. Once we reach our ambition, we level up quickly. With a good foundation for 2 + 2, we move on to 4 + 4, always accelerating with strong resolve.

## Design to scale exponentially:

Everything we do must be scalable. The positive impact of our innovation must grow at an increasingly rapid rate in proportion to time. Climate change is a battle against time. With less than 60 years left before we run out of fertile topsoil, the only way to succeed is by solutions that can scale exponentially.

## Keep it simple:

Keeping it simple is vital to achieving exponential scalability. In everything we do, we prepare for the future without “over-engineering” by the principle of simplicity. We constantly consider what happens if we multiply what we do today by thousands. By always preparing for the impact of growth, we design for efficiency at scale.



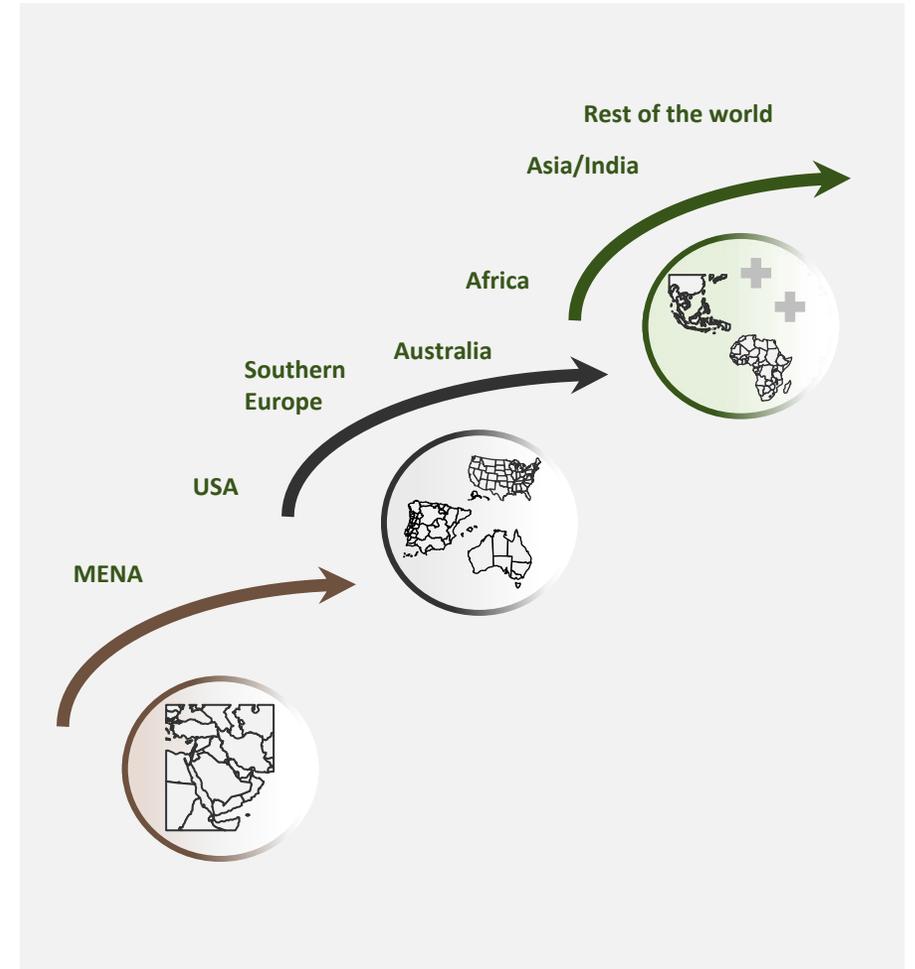
# Global addressable market: >6bn hectares



## Customers

- Food producers (Agriculture)
- Landowners (Landscapes using irrigation water)
- Government, NGO, Corporate (Reforestation/Impact Programs)

**110 COUNTRIES ARE ALREADY EXPOSED TO DESERTIFICATION AND LAND DEGRADATION**





# MAKING EARTH GREEN AGAIN

to foster the prosperity of life

