





# MAKING EARTH GREEN AGAIN

# WATER AND FERTILE LAND: A GLOBAL CRISIS

Increasing droughts, degradation of fertile land and growing water scarcity is an accelerating vicious cycle.



**12M** Hectares of fertile land turn to sand annually (2K football pitches per hour)



4Bn

Experience severe water scarcity >1 month/year (almost 2/3 of the world's population)



**52%** Of agricultural land affected by soil degradation



>70% Of all available freshwater consumed by agriculture





\$19.5B

U.S. government pledge to agricultural conservation efforts (U.S. Inflation Reduction Act)



**\$4B** 

U.S. funding to mitigate the impacts of long-term drought



**€20B** 

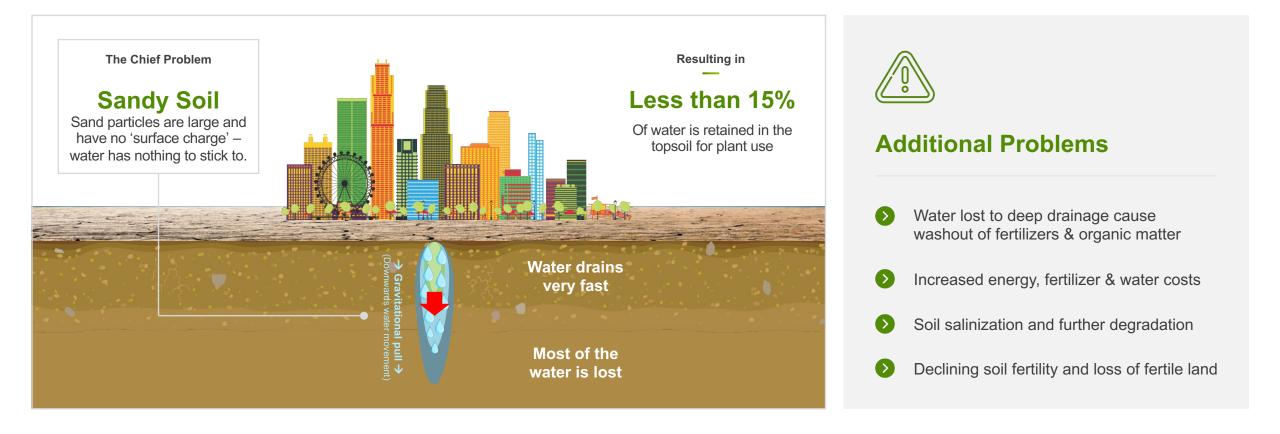
EU dedicated funds to restore degraded ecosystems in Europe (EU-wide Biodiversity Strategy)

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



# THE PROBLEM: SOIL DEGRADATION

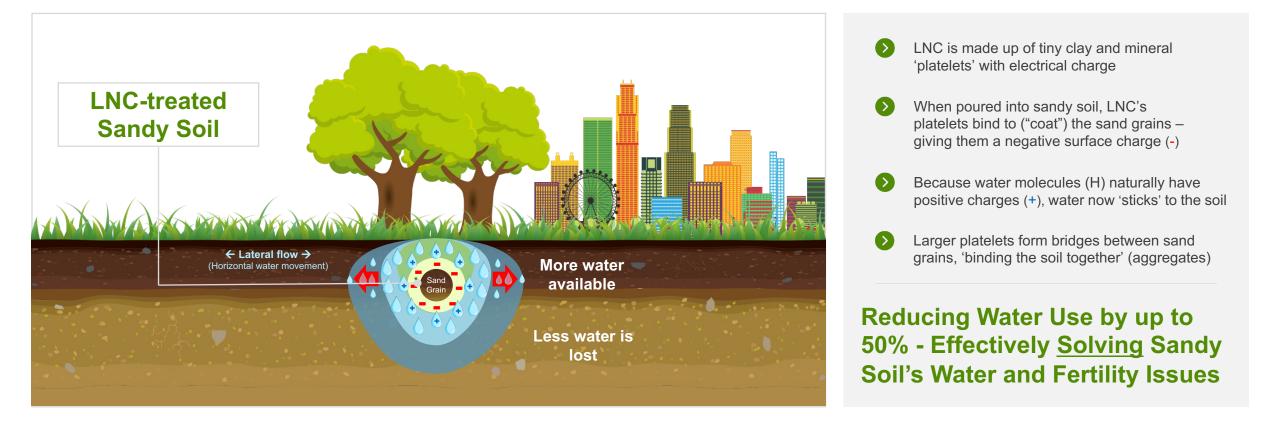
When soil turns to sand, even more water and natural resources are needed to maintain plant life and grow food.





# OUR SOLUTION: LIQUID NATURAL CLAY (LNC)

### How the LNC treatment of sandy soil works:





# **TREATMENT OVERVIEW**

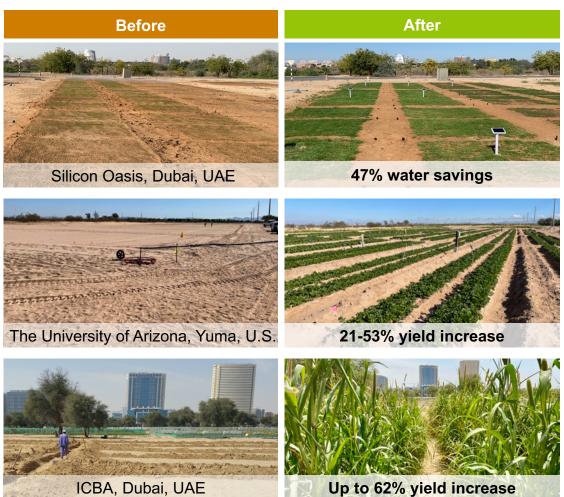
Our product is combined with advanced data analytics, end-to-end services, and customized formulations to produce outstanding & scalable results. One treatment lasts for up to 5 years.





# RESULTS







# PROVEN, PATENTED, AND VALIDATED

- 12+ years of R&D, 5+ years of field validation and pilots
- Independent validation by ICBA & University of Arizona
- Patents achieved in 48 countries

### LNC Achieved Documented Results in 20+ Field Implementations & Data-Driven Pilots in UAE & USA:











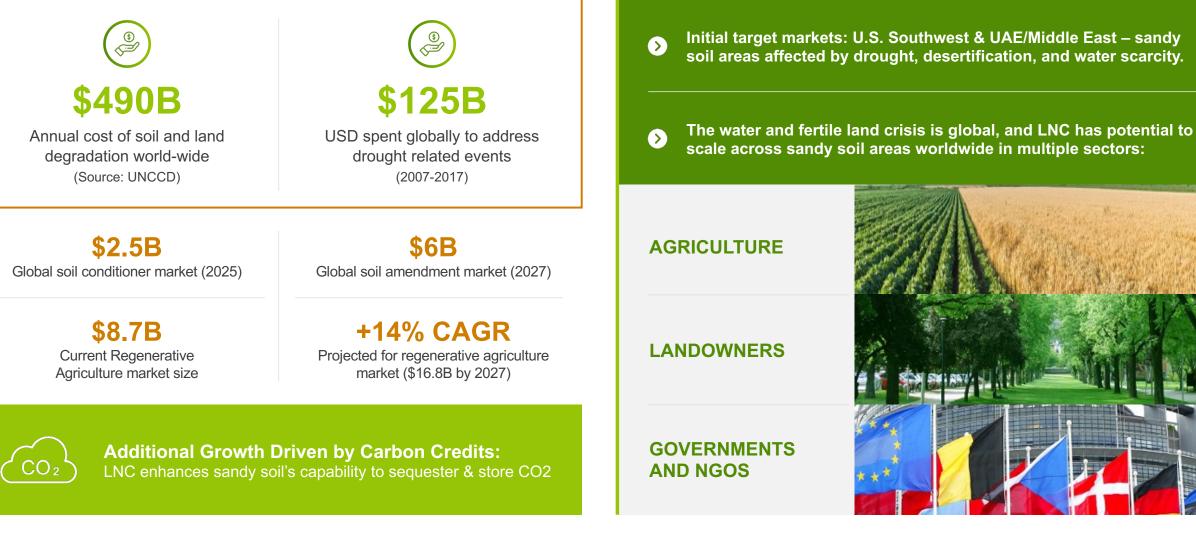
Increased Yield (crop-dependent)



**2-4X** 

ROI per investment cycle (with applications lasting ~5 years)





# BUSINESS MODEL

Turnkey Soil Ecosystem Regeneration for Sandy Soil

### **Scalability:**

### Fast Lead Times

 2-3 months build time for additional LNC Production Capacity (incl. fabrication of units, onboarding of operators, etc.)

### Building On-Demand

- Limited capital obligations prior to receiving an order
- Mitigating risk, providing capital flexibility and facilitating scaling



### **Multiple Revenue Streams**



### **Turnkey Projects**

\$/acre or \$/tree – project pricing dependent on area & contract size

# 

### Service Model

Ongoing maintenance, top-ups & services

### Licensing Model (Middle East)

Licensed operator agreements with royalty based on volumes - \$/liter



### **Digital Subscriptions**

Monthly (MRR), dashboard with monitoring & data analytics



### Consulting

Offering end-to-end soil health advisory, training & support



### **Business Intelligence**

Data Collection, Analytics, AI/ML, integration & automation



# Agenda / Q2 2023

Q2 2023 REPORT AND FINANCIAL RESULTS / COMPANY PRESENTATION



# **Company Update**



### CORPORATE

- Strategic Review & Outcome
- Improved Unit Economics
- Global Recognition





### **UNITED STATES**

- On Target Execution
- Crop Diversification
- Efficiency Improvements

### **MIDDLE EAST**

- Mawarid Licensing Agreement
- Regulatory Approvals
- H-EART Agreement for KSA







# STRATEGIC REVIEW & OUTCOME

- Process from April 27 July 3
- Middle East Licensing Model
- Streamlined value chain
- Reducing Opex >NOK 15M/y
- Securing ≈NOK 40M cash
- Reducing CAPEX pressure

### IMPROVED UNIT ECONOMICS

- >2X Increase in LNC Production Capacity for all Units
- Extending Reach of Deployed CAPEX

### GLOBAL RECOGNITION

- Entrepreneurship World Cup
- Norwegian Impact Awards
- World Economic Forum & UpLink Challenge



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### BACKGROUND

Previous model functioned to a Joint Venture structure in the UAE

- Mawarid Desert Control LLC (MDC)
- Desert Control Middle East LLC
- Desert Control Liquid Natural Clay Manufacturing LLC

### THE CHALLENGE

The Middle East operations had structural inefficiencies:

- 1. Complexities in the value chain due to fragmented responsibilities
- 2. Elevated overheads from running multiple company entities
- 3. Financial strain as Desert Control bore all CAPEX for LNC production assets

### THE SOLUTION

Transition to a fully licensed operator model:

- 1. Efficiency & Clarity: Streamlining the value chain
- 2. Optimized Capital Use: Removing the need for local Desert Control entities
- 3. Shared Investment: Shifting CAPEX for LNC production assets to operators





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### **CURRENT LNC PRODUCTION CAPACITY**

### **UNITED STATES**

LNC Production Units Deployed:

- 4 X Oasis Units (capacity 30k liter per hour per unit)
- 1 X Mirage Unit (capacity 8k liter per hour)
- Total capacity ≈128.000 liter/hour

### UAE

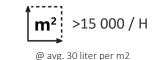
LNC Production Units Deployed:

- 4 X Oasis Units (capacity 30k liter per hour per unit)
- 3 X Prototype Backup Units (capacity 30k liter per hour)
- Total capacity ≈210.000 liter/hour

### SAUDI ARABIA

LNC Production Units Procured by H-EART:

- 4 X Oasis Units (capacity 30k liter per hour per unit)
- Total capacity ≈120.000 liter/hour





@ avg. 150 liter per tree







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# 30X



### **ON TARGET EXECUTION**

- 5 Pilots Signed in Q1
- 5 Pilots Signed in Q2
- On Track for H2

### **OPERATIONAL MILESTONES**

- 30X Application Improvement
- >2X LNC Production Capacity
- Increased Diversity

### **REGULATORY CERTIFICATION**

 OMRI certification in compliance with the USDA National Organic Program



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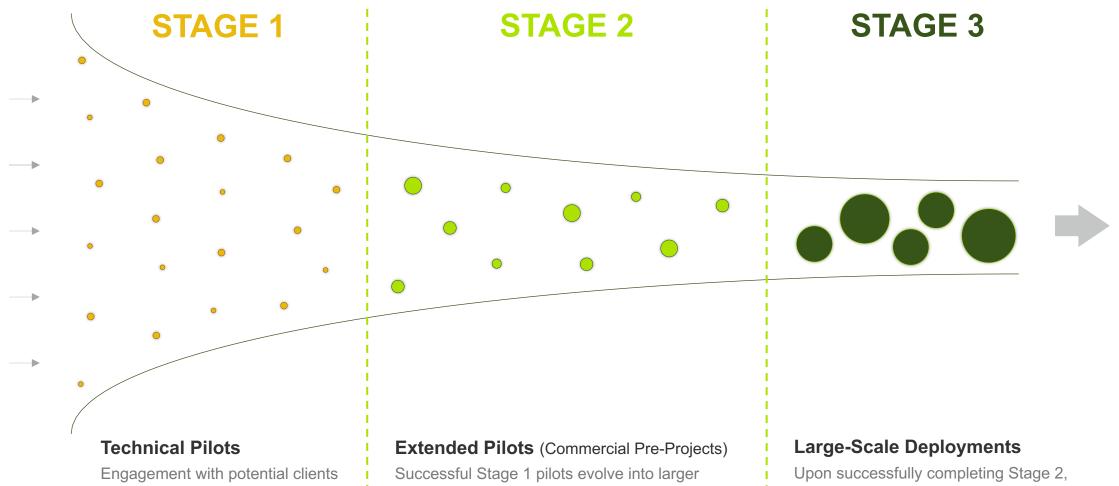
### **Q1 SIGNED PILOTS**

- Five Rivers (Alfalfa)
- Lemonica (Citrus)
- Fortuna de Oro (Golf)
- Coyote Wash (Golf)
- Griffin Farms (Dates)
- + Implementation of Stage 2 Pre-Project with Limoneira Yuma

### **Q2 SIGNED PILOTS**

- Yuma Organics (Herbs)
- Confidential Vineyard
- Daily Farms (Sudan Grass)
- Native Tribe (Land restoration)
- Harrison Farm (Vegetables)

# **Customer Conversion Model**



Engagement with potential client initiates through smaller-scale pilot programs to validate LNC's efficiency – essentially proving that "it holds water". Successful Stage 1 pilots evolve into larger commercial pre-projects with the objective to demonstrate the scalability and economic viability of LNC across larger areas, assessing cost savings and the impact on yield and crop quality. Upon successfully completing Stage 2, the objective is to enter contracts for large-scale commercial deployment.

# H1-2023 U.S. Projects – Status



# **STAGE 1**

### **Technical Pilots**

Engagement with potential clients initiates through smaller-scale pilot programs to validate LNC's efficiency – essentially proving that "it holds water".

# **STAGE 2**

### Extended Pilots (Commercial Pre-Projects)

Successful Stage 1 pilots evolve into larger commercial pre-projects with the objective of demonstrating the scalability and economic viability of LNC across larger areas, assessing cost savings, and the impact on yield and crop quality.

# **STAGE 3**

### **)** Large-Scale Deployments

Upon successfully completing Stage 2, the objective is to enter contracts for large-scale commercial deployment.

Griffin Farms (Dates) Fortuna de Oro (Golf) Coyote Wash (Golf) Lemonica (Citrus) Daily Farms (Sudan Grass) Yuma Organics (Herbs) Confidential Vineyard Five Rivers (Alfalfa) Native Tribe (Land restoration) Harrison Farm (Vegetables)

Limoneira Company (Citrus)

Anticipating negotiations for the inaugural stage 3 contract to start around the end of the year





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### **OPERATIONAL MILESTONES**

- >2X LNC Production Capacity
- 30X Application Improvement
- Increased Diversity

### **Diversity in Applications & Crops:**

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Deployments continue to demonstrate that LNC application is not limited by crop type. LNC is expanding its reach as a viable solution for diverse vegetation growing in sandy soils.

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### H1 Deployments:

- Sudan Grass (Forage crop)
- Vine grapes (Viticulture)
- Vegetables (Row-crops)
- Specialty crops (Organic farming)
- Turf grass (2 different golf courses)
- Date palms

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- Cotton
- Citrus (2 different application methods)

### H2 Planned Deployments:

- Two additional vegetable applications
- Alfalfa (Forage crop)
- Turf grass (New golf application)
- Land upgrade (Conversion of barren land)

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LICENSED OPERATOR MODEL

### UNITED ARAB EMIRATES

### KINGDOM OF SAUDI ARABIA



### LICENSED OPERATOR MODEL

- Empowers Local Operators
- Removes Need for Local Subsidiaries
- Lowers Operational Cost
- Unlocks Cash
- Reduces CAPEX Requirements

### FOR MORE DETAILS:

https://go.desertcontrol.com/FAQ-LicenseModel



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### UNITED ARAB EMIRATES

- Strategic Agreement with Mawarid Holding Investment
- Organic Certification by MoIAT
- Regulatory Approval by MOCCAE authorizing LNC for Sale and Use Across All Sectors in the UAE

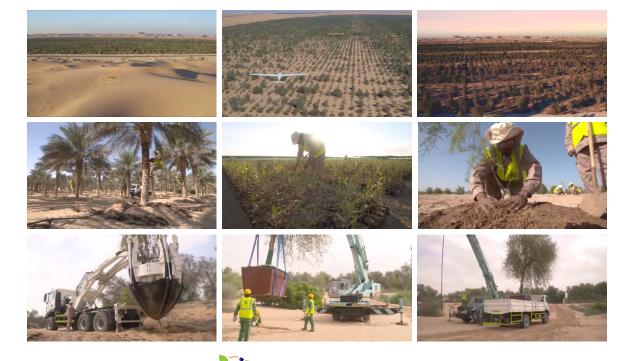


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### MAWARID HOLDING INVESTMENT (MHI)

Moving together for a better tomorrow





مــوارد دیــزرت کــنتــرول Mawarid Desert Control



BARARI NATURAL RESOURCES



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### LICENSED OPERATOR MODEL

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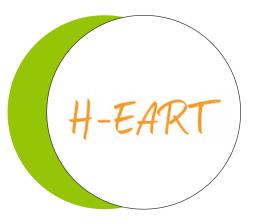
# H-EART

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### KINGDOM OF SAUDI ARABIA

 Strategic Agreement with Holistic Earth Advanced Regeneration Technologies (H-EART)



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### **ABOUT H-EART**

Holistic Earth Advanced Regeneration Technologies (H-EART)

- A start-up company focused on climate-smart technology for the regeneration of soil and natural ecosystems.
- Strong alignment with the Saudi Vision 2030.
- LNC will be a fundamental core for the company's offering of solutions for soil restoration, water conservation, and climate resilience.
- A unique team of high-energy, skilled, passionate, and strategically connected people who embark on this start-up journey driven by a dedication to making a positive impact on the future of our planet!

H-EART's mission is to regenerate and rejuvenate our planet, fostering a future that is resilient and climate-smart.

# Summary



### CORPORATE

- Strategic Review & Outcome
- Improved Unit Economics
- Global Recognition





### **UNITED STATES**

- On Target Execution
- Crop Diversification
- Efficiency Improvements

### **MIDDLE EAST**

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# Agenda / Q2 2023

Q2 2023 REPORT AND FINANCIAL RESULTS / COMPANY PRESENTATION

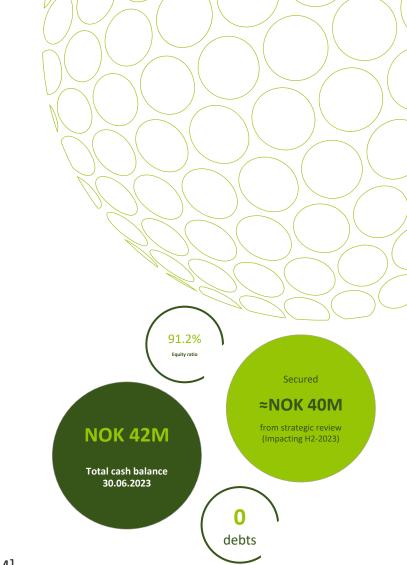


# Financial key figures

### **SECOND QUARTER 2023**

[second quarter 2022 in brackets]

- Revenue NOK 0.5M [NOK 0.5M]
- EBITDA NOK -19.5M [NOK -20.3M]
- Profit or loss for the year NOK –18.2M [NOK –16.8M]
- Gross R&D expenses TNOK 300 [TNOK 900]



- Total cash balance 30.06.23 (incl. current financial assets) NOK 42.0M [NOK 122.9M]
- Equity 30.06.23 NOK 67.8M (equity ratio 91.2%) [NOK 150.4 (92.4%)]

# Consolidated statement of comprehensive income

		Quarters		First half		Full Year	
(Amounts in NOK thousand, unaudited)	Notes	Q2 2023	Q2 2022	2023	2022	2022	
Revenue from sales	2	18	458	893	1 053	2 223	
Other income		432	-	1 4 4 8	-	1 995	
Total income		450	458	2 341	1 053	4 218	
Cost of goods sold (COGS)		-164	834	289	1 742	2 508	
Gross margin		614	- 377	2 052	- 690	1 711	
Salary and employee benefit expenses		11 266	13 821	27 360	30 163	62 087	
Other operating expenses		8 864	6 091	17 598	12 251	29 859	
Depreciation and amortisation		2 092	1 511	3 999	2 586	6 108	
Operating profit or loss		-21 608	-21 799	-46 905	-45 689	-96 343	
Finance income		3 821	5 353	9 825	5 779	15 873	
Finance costs		441	351	441	587	9 987	
Profit or loss before tax		-18 228	-16 798	-37 521	-40 497	-90 457	
Income tax expense		8	-	11	-	3	
Profit or loss for the year		-18 236	-16 798	-37 532	-40 497	-90 459	
Allocation of profit or loss: Profit/loss attributable to the parent		-18 236	-16 798	-37 532	-40 497	-90 459	
Other comprehensive income:							
Items that subsequently may be reclassified to profit or loss:							
Exchange differences on translation of foreign operations		-2 693		46	-	- 43	
Total items that may be reclassified to profit or loss		-2 693	-	46	-	- 43	
Total other comprehensive income for the year		-2 693	-	46	-	- 43	
Total comprehensive income for the year		-20 930	-16 798	-37 486	-40 497	-90 503	
Allocation of total comprehensive income							
Total comprehensive income attributable to owners of the parent		-20 930	-16 798	-37 486	-40 497	-90 503	

# **Consolidated statement of financial position**

(Amounts in NOK thousand, unaudited)	Notes	30.06.2023	30.06.2022	31.12.2022
ASSETS				
Non-current assets				
Goodwill	5	-	6 504	7 221
Property, plant and equipment	5	7 055	21 462	21 002
Right-of-use assets	5	647	1 497	1 635
Total non-current assets		7 701	29 463	29 857
Current assets				
Inventory		230	90	584
Accounts receivable		21	564	1 572
Other receivables		4 404	8 131	9 052
Other current financial assets		23 979	40 850	41 416
Cash and cash equivalents	4	18 004	82 023	36 791
Total current assets		46 637	131 658	89 415
Assets classified as held for sale	5	20 046	-	-
TOTAL ASSETS		74 385	161 120	119 272

# **Consolidated statement of financial position (continue)**

EQUITY AND LIABILITIES			
Equity			
Share capital 3	124	123	123
Share premium	230 849	230 849	230 849
Currency translation differences	-1 290	-3 571	-1 336
Retained earnings	-161 840	-76 966	-122 636
Total equity	67 843	150 436	107 001
Non-current liabilities			
Non-current lease liabilities	702	198	425
Total non-current liabilities	702	198	425
Current liabilities			
Current lease liabilities	217	1 195	1 059
Trade and other payables	3 294	4 617	5 004
Public duties payable	690	323	944
Other current liabilities	1 638	4 352	4 839
Total current liabilities	5 839	10 487	11 845
Total liabilities	6 5 4 1	10 685	12 270
TOTAL EQUITY AND LIABILITIES	74 385	161 121	119 272

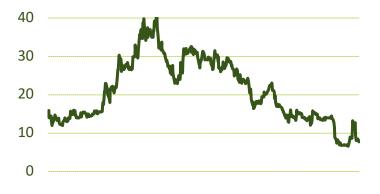
# **Consolidated statement of cash flows**

		Quarters		First half		Full Year	
Cash flows from operating activities (NOK thousand)	Notes	Q2 2023	Q2 2022	2023	2022	2022	
Profit or loss before tax		-18 228	-16 798	-37 521	-40 497	-90 457	
Adjustments to reconcile profit before tax to net cash flows:							
Net financial income/expense		-3 380	-5 001	-9 384	-5 192	-5 886	
Depreciation and amortisation		2 092	1 511	3 999	2 586	6 108	
Share-based payment expense		2 025	33	3 940	124	4 283	
Working capital adjustments:							
Changes in accounts receivable and other receivables		5 066	78	6 198	-2 553	-5 066	
Changes in trade payables, duties and social security payables		-1 682	-4 774	-1 964	1 395	2 402	
Changes in other current liabilities and contract liabilities		-1 370	1 496	-3 200	- 326	161	
Net cash flows from operating activities		-15 477	-23 455	-37 932	-44 464	-88 455	

# **Consolidated statement of cash flows (continue)**

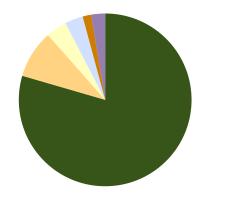
Purchase of property, plant and equipment	-	-6 838	- 346	-11 155	-13 969
Purchase of financial instruments	14 924	24 521	17 437	36 497	36 744
Proceeds from sale of property, plant and equipment	433	-	1 234	-	890
Interest received	82	-	170	-	867
Net cash flow from investing activities	15 439	17 683	18 495	25 342	24 533
Cash flow from financing activities (NOK)					
Proceeds from issuance of equity	1	-	1	1	1
Lease payments	128	-	677	- 727	-1 590
Interest paid	-4	-	-2	-	- 3
Net cash flows from financing activities	125	-	676	- 726	-1 592
Net increase/(decrease) in cash and cash equivalents	87	-5 772	-18 761	-19 848	-65 514
Cash and cash equivalents at beginning of the year/period	17 795	87 886	36 790	101 923	101 924
Net foreign exchange difference	121	- 91	-25	- 53	380
Cash and cash equivalents, end of period	18 004	82 023	18 004	82 023	36 790

# The DSRT share



ISSUE PRICE AS OF 14 APRIL 2021: NOK 11.69 SHARE PRICE AS OF 30 JUNE 2023: NOK 7,7

### **ORIGIN OF SHAREHOLDERS**



■ Norway ■ Luxembourg ■ UK ■ France ■ Sweden ■ Others

### THE GROUP'S SHAREHOLDERS:

areholders in Desert Control AS at 30.06.2023	Total shares	Ownership/ Voting rights
Olesen Consult HVAC AS	5 900 000	14,3 %
J.P. Morgan SE	2 528 989	6,1 %
Nordnet Livsforsikring AS	1 815 692	4,4 %
Ole Morten Olesen	1 635 800	4,0 %
Lithinon AS	1 423 706	3,4 %
Nesse & Co AS	1 360 000	3,3 %
BNP Paribas	1 313 365	3,2 %
LIN AS	1 215 275	2,9 %
DNB BANK ASA	1 108 449	2,7 9
Idland	1 101 506	2,7 9
Clearstream Banking S.A.	1 047 871	2,5 %
Jakob Hatteland Holding AS	1 000 000	2,4 %
The Northern Trust Comp, London Br	958 275	2,3 %
Beyond Centauri AS	928 771	2,2 9
OKS Consulting AS	925 000	2,2 9
Sortun Invest AS	677 715	1,6 %
Glomar AS	627 715	1,5 %
Investore Finans AS	499 028	1,2 %
JPMorgan Chase Bank, N.A., London	422 104	1,0 %
Others	14 837 528	35,9 %
otal	41 326 789	100,0 %

# Agenda / Q2 2023

Q2 2023 REPORT AND FINANCIAL RESULTS / COMPANY PRESENTATION







### WHAT WE HAVE DONE

- Executed Strategic Review
- Delivered on Target in the U.S.
- Improved Unit Economics and Increased Efficiencies
- Secured Regulatory Approvals



### WHERE WE ARE NOW

- Stronger Financial Position
- Streamlined Organization
- Increased Agility
- Strengthened Focus

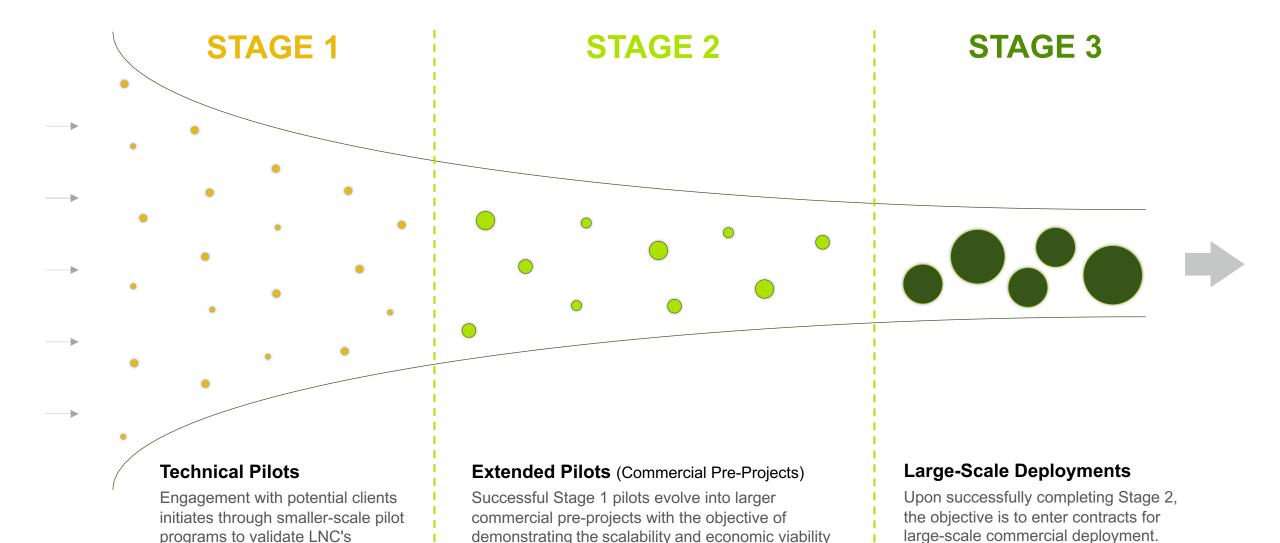


### WHAT WE WILL DO NEXT

- Execute Transition to Licensed Operator Model
- Focus on the United States
- Drive Sales and Adoption of LNC at the Speed of Trust



# FOCUS ON THE EXECUTION OF OUR SALES STRATEGY



of LNC across larger areas, assessing cost savings,

and the impact on yield and crop quality.

efficiency - essentially proving that

"it holds water".

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# GROWTH OBJECTIVES

## **Target 2023:**

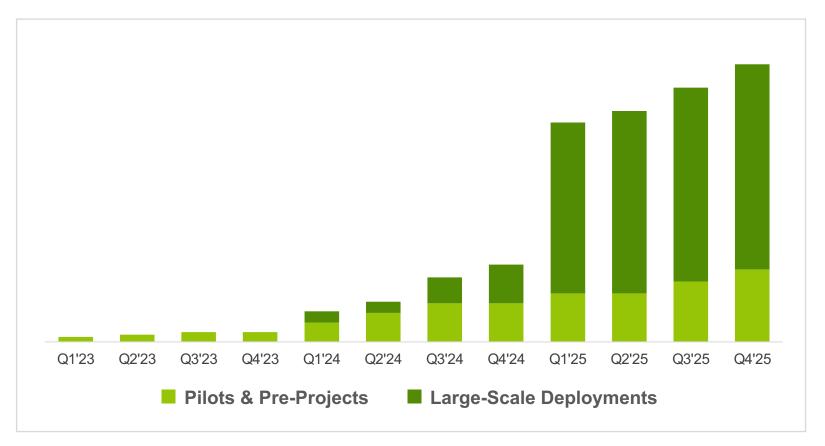
Secure >5 pilots per quarter targeting >50% conversion to larger deployments

# **Target 2024:**

Reach cashflow-positive revenue contribution from projects

**Target 2025:** Achieve positive EBITDA

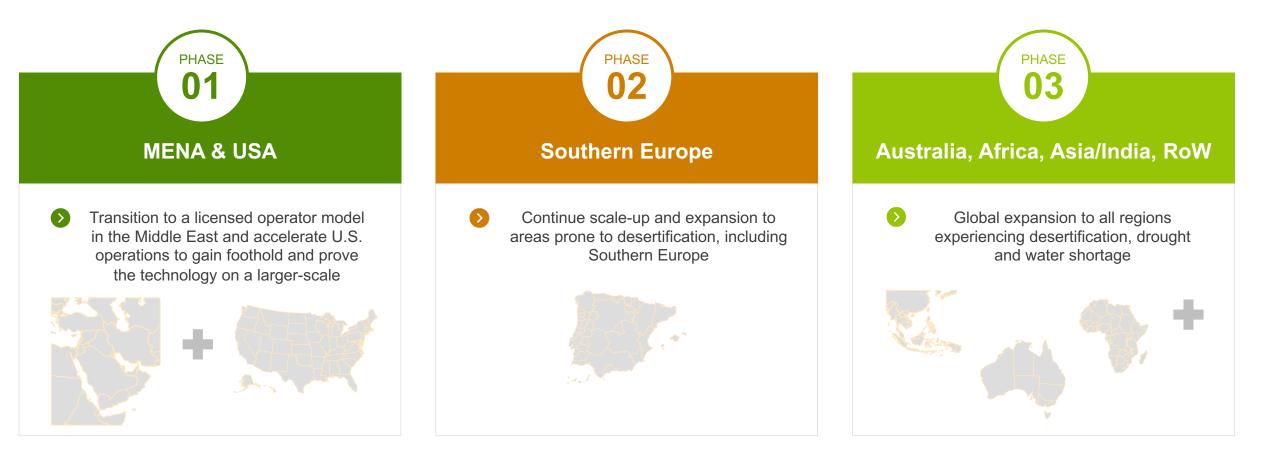
Leveraging Attractive Unit Economics



### Financial and Trading Data (DSRT:NO)

- Ourrent market cap of NOK ~400M (corresponding to NOK ~10 per share)
- Net cash position of NOK ~42M as of 30 June 2023 | Adding +NOK ~40M in H2 (result of strategic review)
- The company has no interest-bearing debt

# PHASE 1: BUILDING THE FOUNDATION



110 countries are exposed to desertification, land degradation, droughts and water scarcity



# Agenda / Q2 2023

Q2 2023 REPORT AND FINANCIAL RESULTS / COMPANY PRESENTATION



# **Cautionary note**

### DISCLAIMER RELATED TO FORWARD-LOOKING STATEMENTS

This presentation contains forward-looking information and statements relating to the business, performance, and items that may be interpreted to impact the results of Desert Control and/or the industry and markets in which Desert Control operates.

Forward-looking statements are statements that are not historical facts and may be identified by words such as "aims", "anticipates", "believes", "estimates", "expects", "foresees", "intends", "plans", "predicts", "projects", "targets", and similar expressions. Such forward-looking statements are based on current expectations, estimates, and projections, reflect current views concerning future events, and are subject to risks, uncertainties, and assumptions, and may be subject to change without notice. Forward-looking statements are not guaranteeing any future performance, and risks, uncertainties, and other important factors could cause the actual business, performance, results, or the industry and markets in which Desert Control operates in, to differ materially from the statements expressed or implied in this presentation by such forwardlooking statements.

No representation is made that any of these forward-looking statements or forecasts will come to pass or that any forecasted performance, capacities, or results will be achieved, and you are cautioned not to place any undue reliance on any forward-looking statements. Q2 2023 Report and Year-to-Date Company Update

The information enclosed is subject to the disclosure requirements pursuant to sections 5-12 in the Norwegian Securities Trading Act.

# Thank you for your attention!

