



SUSTAINABLE

BUSINESS

REVIEW

Where we are today and where we go tomorrow to help feed the world.

2024

#GreenerPlanetCommitment



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"SUSTAINABLE BUSINESS..."



... is at the heart of OMEX strategy. We're committed to feeding and powering a growing population in a sustainable manner. We've established our Greener Planet Commitment to guide our business and engage with the wider supply chain."

Max Winkler | Executive Chairman

We are facing a global environmental crisis and OMEX Agriculture is taking decisive action to respond to this challenge.

With almost **100 staff members, 2,000 farmer customers, 3 manufacturing sites, 4 remote sites and 4 port facilities across the UK & Ireland**, we are committed to not only reducing the environmental impact of our estate and our activities, we are also committed to championing a sustainable mindset across our agricultural community, embedding the principles of sustainability, as a recurring green thread across our business and beyond.

Where possible, our impacts, aims and objectives are aligned with the United Nations' Sustainable Development Goals. While our main focus is on environmental considerations, as an employer we work across all business departments to ensure a holistic and inclusive approach to sustainability.



OUR COMMITMENTS AT OMEX AGRICULTURE

In 2020, to mitigate the environmental impact of OMEX Agriculture's activities and operations the Board defined four high level Environmental Objectives around Pollution Prevention, Emissions Reduction, Landfill Reduction and Resource Efficiency.

In 2025 the Board plan to review these objectives to broaden them out to four key impact areas: **Climate Change, Waste and Resource Management, Sustainable Communities and Biodiversity Protection.**

We use our **ISO-14001 Environmental Management System** ⁽¹⁾ to drive actions:



2024 SUSTAINABLE ACTIONS

BOARD OF DIRECTORS ESG TRAINING DAY ⁽²⁾

13% OF OUR TEAM ARE MENTAL HEALTH FIRST AIDERS ⁽³⁾

3:1 MALE TO FEMALE RATIO ⁽⁴⁾

£125,000 SAP ANALYSIS LABORATORY UPGRADE ⁽⁵⁾



IN DISCUSSION WITH 7 LOW CARBON RAW MATERIAL SOURCES ⁽⁶⁾

14 PRODUCTS IN OUR BIOSTIMULANT AND ORGANIC PORTFOLIOS ⁽⁷⁾

OUR LAB AND R&D TEAM HAS GROWN TO 16 ⁽⁸⁾

3 ADDITIONAL CROP NUTRITION AGRONOMISTS ⁽⁹⁾



Tommy Brennan
Chief Finance Officer

THE MEGATRENDS SHAPING OUR INDUSTRY

For our business, monitoring the world around us is a crucial and collaborative process. We do this through our membership of, and active participation in the AIC committees, our links with IFA and interviews with S&P Global analysts and other actors. We engage in risk discussions with our bankers and actively monitor the WRI Global Risk Report, the UK National Food Strategy, Bankers for Net Zero and so on.

We take learnings from IEMA, and actively attend conferences such as the Oxford Farming Conference. We have conversations with businesses up and down the farm-to-fork value chain, from raw materials shippers to Big Food processors and retailers.

Climate emergency



Directly disrupting farm production, reducing yields. GHG emission reduction. Regulatory demands.

Food & health



Higher income populations aspiring to traceable healthier nutrition, Lower income countries aspiring to animal protein.

Soil health



Expanding research driving our understanding of soil life. Regenerative agriculture. Carbon capture/carbon markets.

Circular economy



Rising interest in recycling nutrients within agricultural sector, within the food value chain, and inward from wastewater treatment sector.

Digital shift



Tech innovations in soil and crop assessment, fertiliser use, farm automation, and traceability are transforming the food value chain.

Water stress & quality



Shifting UK rainfall patterns; drought or flood. Increasing legislation to protect watercourses from pollution. Rising costs of potable water.

Farm-to-fork chain



Raw materials, farming, food processing and retailing increasingly integrated. Big Food pushing sustainability pressures upstream.

Geopolitical



Populist politics adopting anti-Science positions. Global disparity in environmental standards; EU to USA to China to BRICS.

OPPORTUNITIES AND RISKS

Opportunities (OMEX is taking)

- ✓ Spreading understanding of the role of fertiliser in crop nutrition and crop yield as part of the current public discourse around national food security.
- ✓ Using Blue and Green Ammonia coming to market over next 5 years.
- ✓ Leveraging our sustainable business activity to be well-placed to address the societal and regulatory focus on sustainability.
- ✓ Enabling efficiencies in distribution and in production planning through digitisation.
- ✓ Using multi-media channels for communication, information and education with our farmer customers.
- ✓ Proactive production planning, shipping and storage thanks to accurate forecasting of weather patterns.
- ✓ Increasing analysis of soils and plants to optimise fertiliser applications.
- ✓ Managing rainwater in a smart way, freeing potable water for human consumption.
- ✓ Enabling precision farming by providing a liquid product with accurate, no waste properties and the ability to easily add inhibitors to optimise nutrient uptake and reduce emissions.

Risks (OMEX is monitoring)

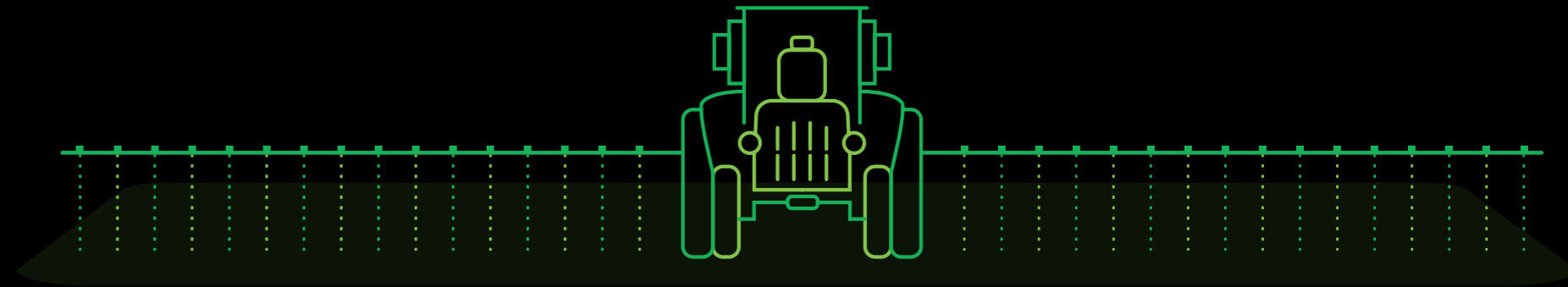
- ✗ Optimised use of fertiliser may lead to lower total fertiliser demand.
- ✗ Unbalanced public debate influencing policymakers to restrict fertiliser usage.
- ✗ Uncertainty around UK & European standards of fertiliser management and environmental protection versus the Rest of the World.
- ✗ Climate change risks to our supply chain, our operations, and our customers.
- ✗ Fiscal policy around fossil fuel and other environmental aspects is increasing costs of raw materials and production.
- ✗ Possible price competition from less responsible actors.
- ✗ As yet unknown fertiliser sector disruptors.



OUR PATHWAYS TO SUSTAINABILITY

We take a targeted and holistic approach to sustainability that's embedded across the organisation by bringing together our stakeholders.

Our Sustainability Team meets monthly and includes Procurement, Operations, Distribution, Sales, Marketing, Energy, R&D, and the Managing Director. This team drives the sustainability action plans across the business.



Our **four** pathways reflect the scope of our impact, reach and influence, and provide a framework for delivering our environmental and other sustainability aims and objectives.



1

Our research & development

Research, innovation and knowledge exchange ⁽¹⁰⁾

2

Our procurement

Demanding lower carbon raw materials and seeking recovered material in the circular economy

3

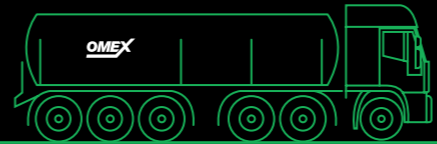
Our operations

Focusing on resource conservation, energy efficiency, water management, minimising waste through quality management

4

Our product usage

Approx 50% of fertiliser emissions are on-farm. We support farmers, through science-led engagement, to reduce this ⁽¹¹⁾





Peter Sheppardson
Health, Safety, Security, Environment
and Quality (HSSEQ) Manager

OUR PERFORMANCE

At OMEX, we believe that sustainability is not just a goal but a long term strategy—one that requires continuous effort, innovation, and accountability.

Since launching our Greener Planet Commitment in 2023, we now focus on reducing our environmental impact and fostering a culture around positive action and responsibility. We are driving sustainability and continual improvement of our performance through our ISO management systems framework.

1,485

TRIALS TO IMPROVE CROP PRODUCTIVITY AND FERTILISER EFFICIENCY OVER 20+ YEARS AND 20+ COUNTRIES ⁽¹²⁾

FROM 2024

GREEN TARIFFS FOR ALL SCOPE 2 PURCHASED ELECTRICITY ⁽¹³⁾

36%

REDUCTION IN OPERATIONAL WASTE SINCE 2019 ⁽¹⁴⁾

SUBMITTED IN 2024

★ ★ ★ ★ ★

VOLUNTARY ASSESSMENT FOR ECOVADIS SUSTAINABILITY RATING ⁽¹⁵⁾

ACHIEVED ISO 14001 ISO 9001 CERTIFICATION TO DRIVE CONTINUAL IMPROVEMENT ⁽¹⁶⁾

PRECISION APPLICATION

ENABLING FARMERS TO BETTER PROTECT NATURE THROUGH:

- GPS AUTO SHUT OFF
- UP TO FIELD MARGINS
- ABLE TO INCORPORATE WILD FLOWER STRIPS

ISO-14067 CARBON FOOTPRINT OF PRODUCT IN 2025 ⁽³¹⁾

ISO-14067

INCREASE IN MATERIALS PURCHASED WITH CARBON FOOTPRINT DATA SINCE 2019 ⁽¹⁷⁾

80%

WORKING WITH:

NIAB

JOHN INNES CENTRE

UNIVERSITY OF LINCOLN

ROTHAMSTED RESEARCH

ADAS YEN ZERO

68%

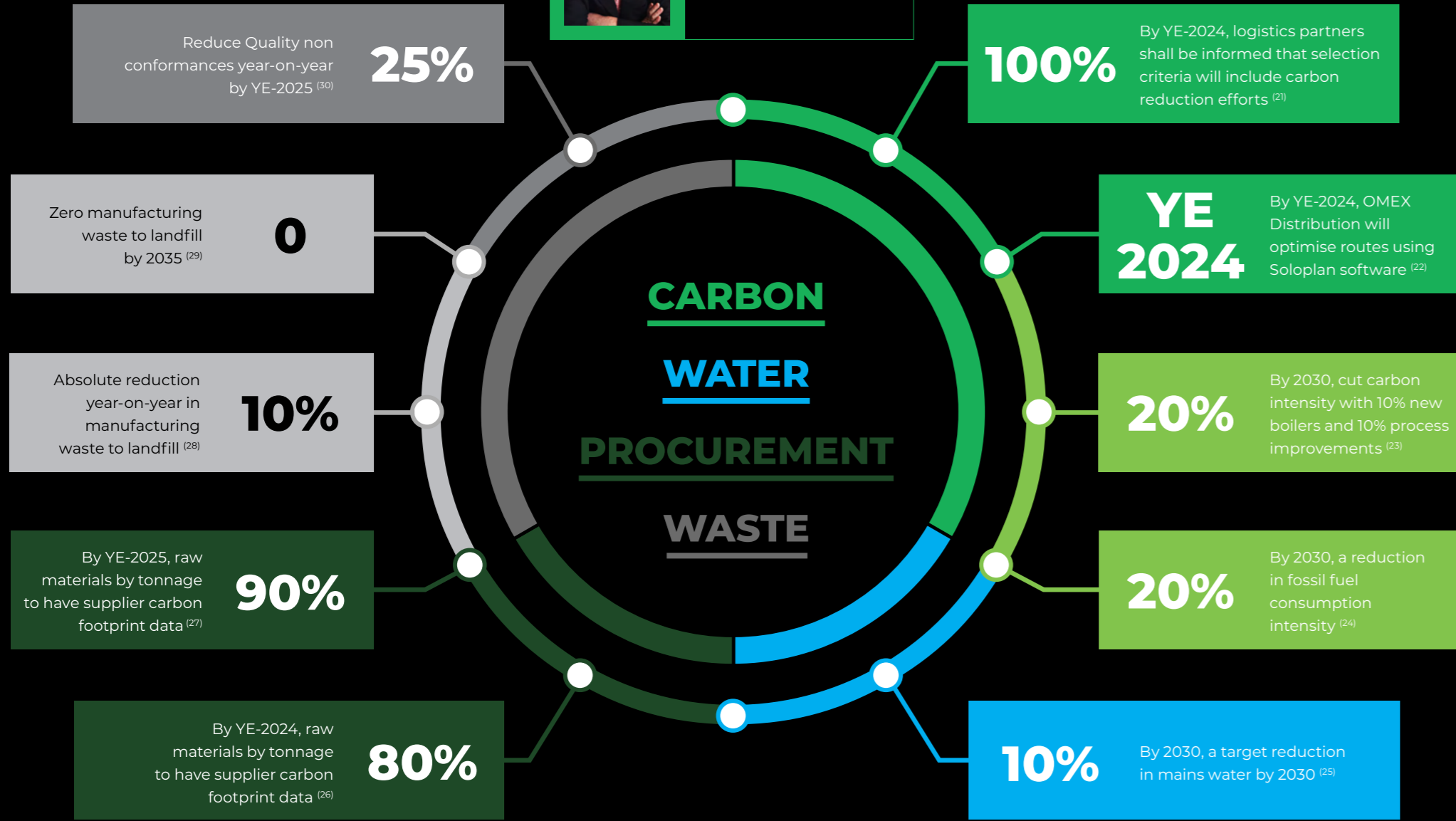
OF WATER USED IS RAINWATER NOT MAINS ⁽¹⁸⁾

OPERATIONAL WASTE, 90% RECYCLED 10% ENERGY RECOVERY ⁽¹⁹⁾

57,211,000

LITRES OF RAINWATER USED AT OUR MAIN PRODUCTION FACILITY ⁽²⁰⁾

OUR TARGETS




OUR FUTURE PLANS

LOW CARBON

Our mission is to offer farmers credible low carbon fertiliser solutions in 2025.

We're engaging with the supply chain to reduce our footprint and we'll continue to evaluate multiple sources of low carbon raw materials including blue, white and green ammonia. ⁽³¹⁾




BIOSTIMULANT

Strengthening our team with a new Research Biologist who will be working to develop cutting edge biostimulant technologies.

We'll continue to develop our science-led, tried and tested biostimulant products, validated by independent and external science-based institutions.

We'll be pursuing European certification for our biostimulant range. ⁽³²⁾




INHIBITORS

Inhibitors reduce greenhouse gases and ammonia emissions, alongside reducing the carbon footprint of farm produce.

As part of our drive to lower on-farm emissions we'll continue to refine our range ⁽³³⁾, including:

DIDIN - Nitrification Inhibitor
DIDIN has the potential to reduce the CO2e of crops by 30%


NitroShield - Urease Inhibitor
Proven to reduce ammonia emissions by 70%+



ORGANIC

We'll be reviewing our established organic range ⁽³⁴⁾ to identify scope for further innovation.

We'll continue to consult with the organic community to align our product offering with sector needs.

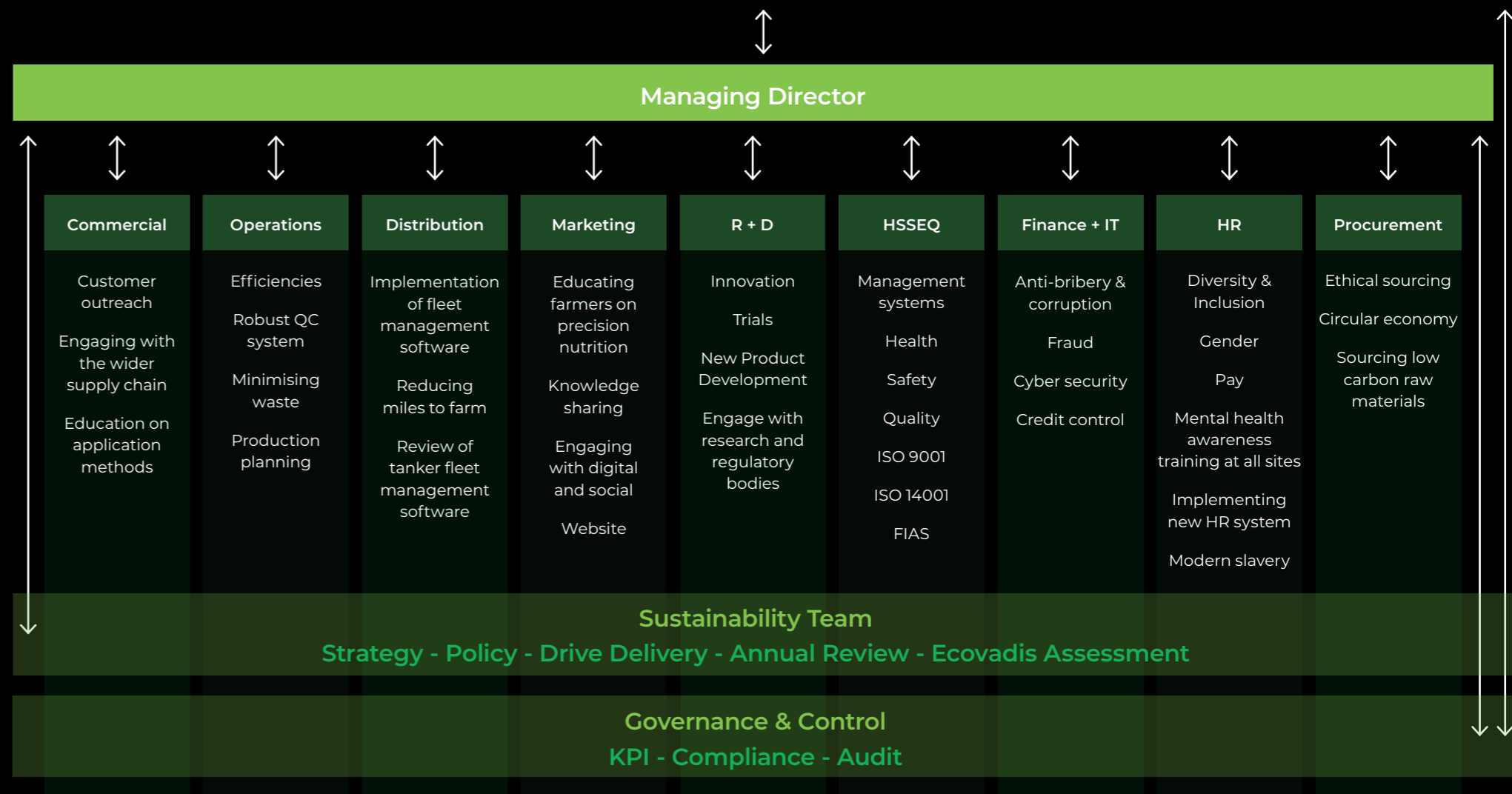


CREDIBILITY AND COLLABORATION FOR A SUSTAINABLE FUTURE



ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG)

OMEX AGRICULTURE BOARD



SUSTAINABLE DEVELOPMENT GOALS

The Sustainable Development Goals (SDGs) are a framework to transform the globe. They are a call to action to end poverty and inequality, protect the planet, and ensure that all people enjoy health, justice and prosperity.

As a part of our Greener Planet Commitment we reviewed the 17 SDGs, to assess the potential positive and negative impacts associated with the Goals, and to identify the material topics for OMEX.

The 7 material areas that OMEX can affect are now informing company strategy, commitments, and reporting.

2 ZERO HUNGER



It's estimated that just under half of the people alive today are dependent on the yield increases fertilisers contribute to the food production system.

We're actively developing our liquid fertiliser to boost yields and efficiencies to sustainably feed a growing population.

7 AFFORDABLE AND CLEAN ENERGY



All of our operational electricity is on a green tariff.

Our company fleet offers EV and PHEV ranges and we have electric car charging points at our main offices.

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



Research and Development

Actively engaged with multiple organisations to conduct independent research.

Third party field scale trials

Working with farmers to conduct real-time on-farm trials.

Glasshouses and laboratories to test concepts and theories.

12 RESPONSIBLE CONSUMPTION AND PRODUCTION



We're utilising quality management system ISO 9001 to produce quality product and reduce waste.

We're investigating multiple circular economy streams for recovered raw materials.

Liquid Fertiliser is able to be stored on farm within secure bunded GRP tanks, reducing waste and eliminating plastic packaging.

13 CLIMATE ACTION



Taking Action for a Sustainable Future

Utilising nitrous oxide and ammonia emission reducing inhibitors.

Educating stakeholders in the benefits of precision farming.

Actively procuring low carbon raw materials as part of our sustainable procurement pledge.

15 LIFE ON LAND



Precision Farming.

Applying fertiliser in liquid form enables accurate in-field application, feeding only the crop and not the natural field margins.

Applying liquid fertiliser as a foliar feed enables crops to take up nutrients more effectively and efficiently than solid fertiliser on the soil.

17 PARTNERSHIPS FOR THE GOALS



Working on the Bigger Picture

Engaging in value chain collaboration to achieve low carbon and sustainable end goals.

Agricultural Industries Confederation (AIC) sector collaboration to further develop the fertiliser industry.

R&D collaboration with universities and research institutions to help grow a greener future.

DATA: OMEX AGRICULTURE LTD 2023 JAN - DEC

Emissions		kg CO2e			
		2020	2021	2022	2023
Scope 1	Heat Generation	954175	924073	1610421	1004992
	Vehicle Propulsion	249807	140497	259274	422272
Scope 2	Electric	321337	35272	31277	246013
Scope 3	Mains Water	15966	13463	12066	6566
	Transport	5099331	5099311	5520773	5221500
	Waste	58535	55518	479386	559015
Emission Intensities	Per person	71268	69261	88912	83824
	Per tonne of product	16.2	15.1	17.0	18.0

Scope 1 Heat Generation 2022 & 2023 - Alternative production methods where utilised.

Scope 2 Electric 2021 & 2022 - Some sites on a Green tariff.

Scope 3 Waste 2022 & 2023 - Includes two one-off large construction projects.

Emission intensities higher in 2022 & 2023 because of combination of geopolitical events and large construction projects.

Quantities			2020	2021	2022	2023
Scope 1	Heat Generation	/kWh	3772256	3716313	6527796	4074568
	Vehicle Propulsion	/kWh	942013	549150	991953	1688051
Scope 2	Electric	/kWh	1738106	1701556	1896427	1760675
Scope 3	Potable Mains Water	/m3	46412	39136	80981	37097
	Transport	/km	5900000	5900000	6343820	6250000
	Waste	/t	268	234	1071	1237

Scope 1 Heat 2022 & 2023 - Alternative production methods where utilised.

Scope 1 Vehicle Propulsion 2021 - COVID pandemic significantly reduced commercial mileage.

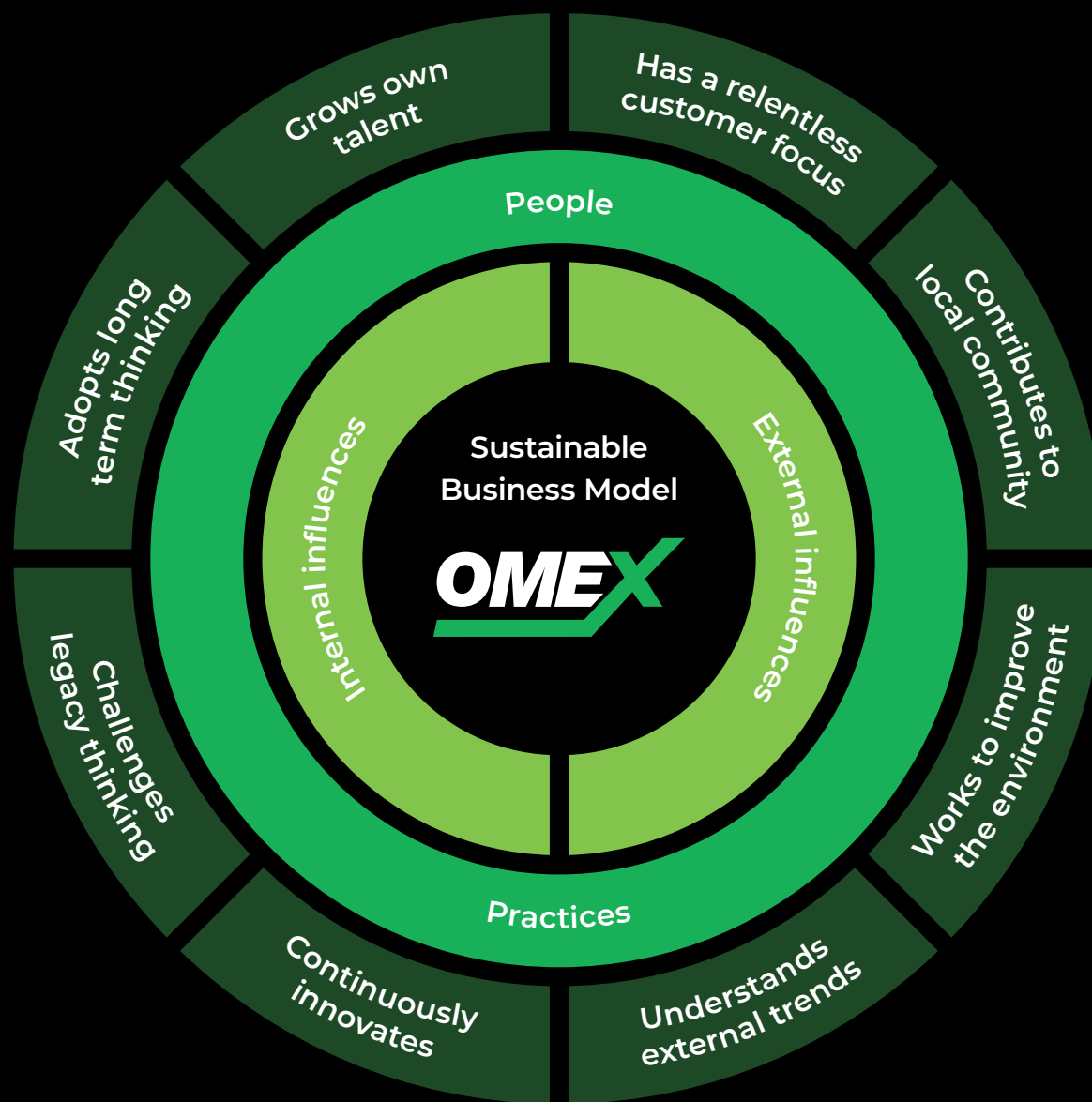
Scope 3 Mains Water 2022 - A dry Spring severely limited the amount of rainwater captured.

Scope 3 Transport 2020 & 2021 - Mileage estimated. Data unavailable.

Scope 3 Waste 2022 & 2023 - Waste includes one-off construction projects.

REFERENCES

- ISO-14001 - BSI certificate number EMS-777051. ISO-9001 - BSI certificate number FM-777056. <https://www.bsigroup.com>
- Training provided by Wilkin Chapman llp nationally recognised authority on public and regulatory law.
- Training provided by St. John Ambulance, certificated to FAQ Level 3 Award in Mental Health: Workplace First Aider.
- OMEX HR data.
- CAPEX records.
- OMEX Procurement Manager & UK Technical Manager.
- <https://www.omex.com/uk/products/> - OMEX website for details of product ranges.
- OMEX HR records.
- OMEX National Agronomy Manager.
- OMEX Head of Research & Development.
- a) Reducing Emissions From Fertiliser Use, September 2022, IFA / Systemiq. (b) Nature. com Academic paper, Dept of Engineering, Univ. of Cambridge. Published 2023-2 by Yunhu Gao & Andre Cabrera Serrenho. (c) Scenario building to test and inform the development of a BSI method for assessing greenhouse gas emissions in food, report to DEFRA, project reference no. FO0404, submitted by ADAS, project ref. no. YAW3408.
- OMEX Research & Development and 3rd Party independent trials records.
- 2024 energy provider billing.
- 2019 -2023, for main production facility, Environmental Permit Reports to Environment Agency.
- <https://EcoVadis.com> - Global. Trusted. Actionable. Detailed insights for sustainability compliance, improvement and acceleration.
- ISO-14001 - BSI certificate number EMS-777051. ISO-9001 - BSI certificate number FM-777056. <https://www.bsigroup.com>
- Raw Material Purchase Volumes 2023 held by Group Sustainability Lead.
- At our main production facility 2023.
- At our main production facility 2023.
- 2023 Jan - Dec. Total area of site x total recorded rainfall.
- Sustainability Lead & Distribution Manager to confirm completion.
- Company - Soloplan
- CAPEX records.
- SECR reporting. From 2019 baseline.
- SECR reporting. From 2019 baseline.
- Raw Material Purchase Volumes 2023 held by Group Sustainability Lead.
- Raw Material Purchase Volumes 2024 to be held by Group Sustainability Lead.
- SECR reporting.
- SECR reporting.
- OMEX Integrated Management System, non-conformance database & Quality Management records.
- LRQA Independent Assurance Statement, LRQA reference LRQ00005607 - Based on LRQA's approach, the OMEX Product Carbon Footprint Calculator v17, September 2024 has, in all material respects been prepared in conformance with the principles of ISO 14067:2018, 'Greenhouse gases - Carbon footprint of products - Requirements and guidelines for quantification'.



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