

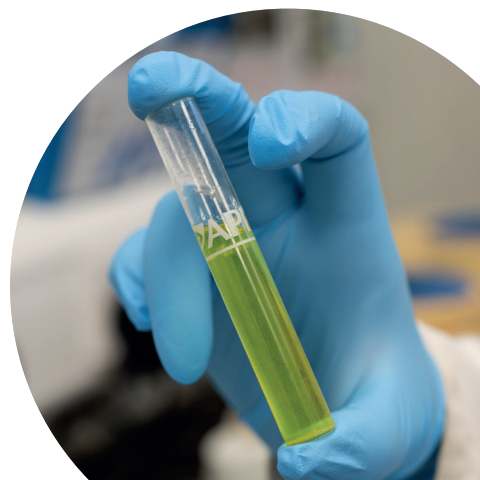


CARBON : CAPTURED

SUSTAINABILITY REPORT 2019–2020 EXECUTIVE SUMMARY



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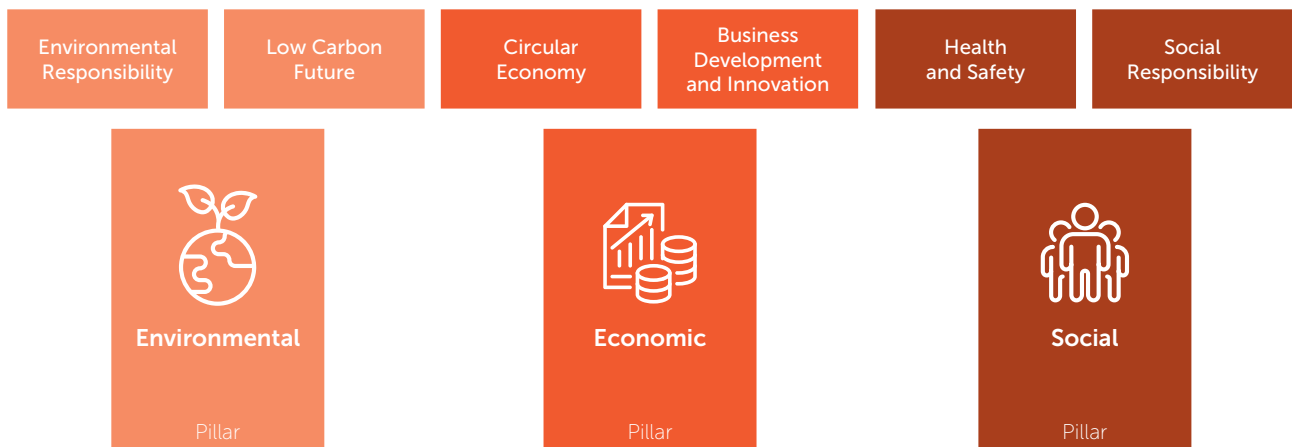


The first sustainability report produced by O.C.O Technology Ltd. (O.C.O) provides an opportunity to demonstrate how sustainability is an integral part of our business. We manufacture a carbon-negative aggregate product (Manufactured LimeStone – M-LS) with exceptional sustainability credentials. M-LS is composed of chemically transformed waste materials as well as recycled secondary construction materials. In use, M-LS replaces virgin aggregate and thereby safeguards natural resources. It is an excellent example of the ‘circular economy’ in action, with the added benefit the waste treatment process permanently sequesters carbon dioxide.

Although sustainability has always been part of our business ethos, we have developed a sustainability strategy to enable clearer focus and communication of its importance. Our new Sustainability Policy (see link) encompasses the three pillars of sustainability: environmental, social and economic. Within this framework we have identified six key themes to structure our ongoing sustainability action plans and reporting.

These are:

O.C.O Sustainability Themes



This report establishes verified baseline performance in key performance indicators set across these themes, together with targets for ongoing improvement. Many of these areas have been included in existing work programmes and progress over the last twelve months will be detailed in the following sections. To strengthen our sustainability profile, we are working to gain Responsible Sourcing Certification (BES6001) and developing an Environmental Product Declaration for M-LS.

We have three operational plants and offices in the UK, located at Brandon, Avonmouth and Leeds. This report covers our activities at all three plants and is in respect of our 2019 / 2020 financial year from 1 October 2019 to 30 September 2020. This period is referred to as ‘this year’ in the report. References to ‘next year’ mean the period 1 October 2020 to 30 September 2021. Our reporting metrics are by reference to the total tonnes of aggregate produced in the year, calculated from opening and closing stocks and sales. The table on the next page summarises our sustainability KPIs.

Steve Greig – Managing Director

Sustainability theme	UN Goals	Action area	Target	Baseline Performance 2019/20 Financial year
Business Development and Innovation	 	Management Systems	Maintain certification at all sites in OHSAS18001, ISO9001, and ISO14001 and gain ISO45001 in 20/21	All sites certified
		Innovation	Maintain a Product Quality (PQ) rate of fewer than 0.5 non-conformancies per 1000 tonnes of aggregate	PQ rate of 0.3
		Transport	Increase total R&D spend year on year and report on non confidential collaborative relationships	£282,231 with four collaborative relationships
			Increase year on year the percentage of contracted outgoing haulage to be loaded to 90% or above of load capacity	86.5% were loaded to 90% and above load capacity
			Increase year on year the percentage of contracted hauliers certified to FORS	76% hauliers are FORS certified
Establish one year's data of car business miles driven using non electric vehicles post Covid as baseline. Then seek to reduce	257 miles per 1000 tonnes aggregate during a Covid year			
Circular Economy	 	Resource use - efficient use of constituent materials	Increase raw input material that is recovered, recycled or by-product by 10% in 20/21	65.3% raw input material has been recovered, recycled or is a by-product
		Waste Prevention and waste management	100 per cent of office and manufacturing waste to be recycled or recovered	7.3% office and manufacturing waste was recycled or recovered
			Increase hazardous waste diverted from landfill by OCO recovery process by 10% in 20/21	131,261 tonnes
Environmental Responsibility	 	Environmental management	Achieve and maintain OPRA Band A at all Permitted facilities	OPRA Band A maintained at Brandon and Avonmouth. Leeds B and B
			20% reduction in internally reported environmental incident rate in 20/21	0.058 incidents per 1000 tonnes aggregate
			Zero environmental complaints and regulatory interventions	Zero
		Water abstraction	Reduce mains water consumption by 15% by 2025	69.45 Cu.m per 1000 tonnes aggregate.
			Establish two years data of abstracted water volume to provide baseline. Install meter at Leeds in 20/21.	Data review commenced
Establish two years data of total water volume drawn to provide baseline	Data review commenced			
Lifecycle assessment (LCA)	Achieve EPD in year 2020/21 and maintain	EPD preparation underway		
Health and Safety		H&S management	Zero Lost Time Injuries (LTIs)	2 Lost time injuries
			Reduce Accident Frequency Rate (including LTI's, Medical Treatment, First Aid) year on year	0.29 accidents per 1000 hours worked
			Six safety observations per member Senior Leadership team in year 20/21	61 safety observations in total by 13 staff
Low Carbon Future		Greenhouse gas emissions	Reduce CO ₂ emissions from energy used in manufacture and offices (including electricity, diesel and gas) by 2.5% in 20/21	2.28 tonnes per 1000 tonnes aggregate
		Energy management	Achieve year on year increased carbon capture in net CO ₂ balance (using latest carbon footprint of -45.12 kg per tonne aggregate derived from PAS2050 methodology)	14015 tonnes of carbon were captured by production of aggregate
Social Responsibility	   	Employment and skills	Report number of training sessions completed per year and develop record system to include hours spent training in 20/21	1625 training sessions
			Improve staff engagement survey response rate to 80% in 20/21	56% response rate
			Achieve year on year improvement in staff engagement survey - average response score in summary questions (10 = maximum positive score)	Score 7.55
		Local communities	One community engagement project for each site & head office	12 month partnership established with Trees for Cities, including tree funding contribution

United Nations Sustainable Development Goals

	GOAL 1: NO POVERTY	Economic growth must be inclusive to provide sustainable jobs and promote equality.
	GOAL 3: GOOD HEALTH AND WELL-BEING	Ensuring healthy lives and promoting the well-being for all at all ages is essential to sustainable development.
	GOAL 4: QUALITY EDUCATION	Obtaining a quality education is the foundation to improving people's lives and sustainable development.
	GOAL 5: GENDER EQUALITY	Gender equality is not only a fundamental human right, but a necessary foundation for a peaceful, prosperous and sustainable world.
	GOAL 6: CLEAN WATER AND SANITATION	Clean, accessible water for all is an essential part of the world we want to live in.
	GOAL 8: DECENT WORK AND ECONOMIC GROWTH	Sustainable economic growth will require societies to create the conditions that allow people to have quality jobs.
	GOAL 9: INDUSTRY, INNOVATION, AND INFRASTRUCTURE	Investments in infrastructure are crucial to achieving sustainable development.
	GOAL 10: REDUCED INEQUALITIES	To reduce inequalities, policies should be universal in principle, paying attention to the needs of disadvantaged and marginalized populations.
	GOAL 11: SUSTAINABLE CITIES AND COMMUNITIES	There needs to be a future in which cities provide opportunities for all, with access to basic services, energy, housing, transportation and more.
	GOAL 12: RESPONSIBLE CONSUMPTION AND PRODUCTION	Responsible Production and Consumption.
	GOAL 13: CLIMATE ACTION	Climate change is a global challenge that affects everyone, everywhere.
	GOAL 15: LIFE ON LAND	Sustainably manage forests, combat desertification, halt and reverse land degradation, halt biodiversity loss.