

GHG Emissions reporting For Soapworks Ltd

Soapworks Ltd is an energetic and innovative manufacturer in the United Kingdom, dedicated to supplying high quality bar soap and aromatic oil products. With over 30 years' experience in the industry we have established ourselves as a leading soap tablet finishing manufacturer in the UK, selling to major brands worldwide

Climate change is integrated into your business strategy.

1) Soapworks Ltd are mindful of the increasing effects of climate change on our planet and as an organisation we are continually striving to pursue the best available techniques to allow us to minimise our environmental impacts. As part of our business strategy, we have integrated an Environmental Management system certified to ISO14001 into our operations. We also developed a Carbon Management Plan with the assistance of the Carbon Trust which committed us to the target of a 10% reduction in our CO2 emissions and detailed our plan to meet this target. In the development and undertaking of this plan, we contributed to national commitments to reduce CO2 emissions. Throughout the coming years we will continue to report on our progress internally and externally on a regular basis and demonstrate our commitment by turning this plan into reality. This plan has been further supported and augmented with assistance from Resource Efficient Scotland (RES), a Scottish government sponsored body set up to predominantly assist SME's in making Carbon savings a reality.

2) There are many drivers which have influenced us to work towards continually improving our environmental performance as part of our business strategy; most significantly the increase in the costs of energy, the depletion of natural resources and a recognition of our impact in respect of greenhouse gases. Many of our key customers are taking a heightened interest in our 'environmental and ethical credentials' and thus, it is crucial that we can demonstrate best practice to remain competitive. Reducing carbon emissions will also reduce our operating costs whilst increasing our efficiency.

3) The most important component of our short term business strategy to be influenced by climate change has been the communication and staff training of our SHE Policy and the derivation of our baseline carbon emissions.

4) The most important component of our long term business strategy to be influenced by climate change has been the

introduction of our Environmental Management System and processes to identify and influence change in our environmental practices whilst maintaining compliance to all necessary legislation.

5) Investing in energy efficient equipment and reducing carbon emissions across our company operations also enhances our customer reputation. Many consumers and investors choose to support socially responsible businesses, so companies that

demonstrate environmental and ethical credentials, or have achieved recognised standards are in a stronger position in the market; an increasing number of Soapworks Ltd.'s customers are seeking to source product from such suppliers so that they can demonstrate to consumers that they source from suppliers who are pro-active in minimising their environmental impact.

6) Substantial business decisions made during the reporting year which have been influenced by climate change include the continued commitment from senior management to the development and progression of the Carbon Management Programme and the allocated funding of associated projects required to ensure carbon reduction targets are met. This was primarily influenced by the recognition by

Soapworks Ltd of our current GHG emissions and our desire to reduce our carbon footprint, coupled with guidance provided by the Carbon Trust. The Carbon Reduction plan was completed and implementation commenced in 2012. The original end date for the programme was 2015 however we have continued in our efforts having already demonstrated the planned savings. Our affiliation to Resource Efficient Scotland and on-going engagement with them further augments our drive to reductions first identified in the Carbon Management Programme.

RSPO NEXT Base year

As part of our reporting in line with the requirements of the RSPO NEXT program we have calculated our Scope 1 and Scope 2 emissions in line with the protocol devised by the Carbon Trust using the relevant UK Govt (DEFRA) Emission conversion factors for both the required base-line year of 2005 and that of the last reporting year 2017.



Emissions Reduction Results

ID	EMR
Abs1	Scope 1 and Scope 2 emissions make up approximately 90% of our total carbon emissions based on the baseline figures. Total emissions for 2017 = 670.000 tonnes CO2e which is a 29.6% drop from the baseline year.
Abs2	Waste has seen a significant reduction overall with improved waste management, segregation and energy recovery all reducing the amount to landfill though the closure of the primary waste management Company's MRF at the end of 2016 has impacted on our % recovery and so 2017 figure. The DEFRA conversion figures have also altered reducing the CO2e emissions down to 8.102 tonnes.
Abs3	Business travel has been addressed by reducing the party sizes, frequency of flights and reduced company car usage whenever possible; the figure for 2017 gives a figure 7.752 of 7.90 tonnes CO2e

Emissions reduction initiatives active within the last reporting year

Activity type	Description of activity	Estimated annual CO2e savings (metric tonnes CO2e)	Scope	Comment	
Behavioral change	Environmental awareness training for all new staff	10	Scope 1 Scope 2 (location-based)	<1 year	Ongoing
Energy efficiency: Building services	Maintenance of regular compressed air leak survey's and lighting and repeated energy efficiency exercise in all office space with labelling at switches etc.	25	Scope 2	<1 year	Ongoing
Waste recovery	A further general waste review reduced the volume produced with all materials segregated for recycling; those materials not internally recycled were delivered to the Waste Management companies Material Recycling Facilities (MRF's) for further breakdown in to other waste streams and also for Energy Recovery so reducing the waste to landfill further.	5	Scope 3	<1 year	Ongoing Investigations on-going for further Recycling Re-use options in progressing a Circular Economy approach to our Waste.

Emissions Methodology

the standard, protocol or methodology used to collect activity data and calculate Scope 1 and Scope 2 emissions

Defra Voluntary Reporting Guidelines

The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)

Emissions Data - (1 Jan 2017 - 31 Dec 2017)

Gross global Scope 1 emissions figures in metric tonnes CO₂e

319.1

Gross global Scope 2 emissions figures in metric tonnes CO₂e

350.9

Emissions Data - (1 Jan 2005 - 31 Dec 2005)

Gross global Scope 1 emissions figures in metric tonnes CO₂e

381.8



Gross global Scope 2 emissions figures in metric tonnes CO2e

569.8

Emissions Performance

Gross global emissions (Scope 1 and 2 combined) for the reporting year compare to the base year?

Decreased

Gross global combined Scope 1 and 2 emissions for the reporting year in metric tonnes CO2e per unit currency total revenue

Intensity figure =	Metric numerator (Gross global combined Scope 1 and 2 emissions)	% change from baseline year	Direction of change from previous year	Reason for change
0.0000812588	metric tonnes CO2e	16.1	Decrease	Improved environmental performance

Soapworks Scope 3 emissions

Sources of Scope 3 emissions	Evaluation status	metric tonnes CO2e	Emissions calculation methodology	Percentage of emissions calculated using data obtained from suppliers or value chain partners	Explanation
Purchased goods and services	Not evaluated				Assessment for Organisation only, not upstream or downstream
Capital goods	Not evaluated				Assessment for Organisation only, not upstream or downstream
Upstream transportation and distribution	Not evaluated				Assessment for Organisation only, not upstream or downstream
Waste generated in operations	Relevant, calculated	8.102	DEFRA conversion factors for Waste (recycling and landfill)		
Business travel	Relevant, calculated	7.752	DEFRA conversion factors, business travel by air and by company car		
Employee commuting	Relevant, calculated	66.9	DEFRA conversion based on individual employee travel distance by car/bus/train from home address direct to place of work		Not included in Carbon Trust validated Carbon foot print calculation for base year. Remains unchanged
Upstream leased assets	Not relevant, explanation provided				None
Downstream transportation and distribution	Not relevant, explanation provided				We do not have our own transportation and goods are sold as "ex-works" i.e. customer uplifts
Processing of sold products	Not relevant, explanation provided				Soapworks Ltd is a finished goods manufacturer and vendor. goods uplifted by Customer
Downstream leased assets	Not relevant, explanation provided				None