Docusign Envelope ID: 15DBD972-93B6-448E-A8DA-B20A32BAADEF

Carbon Reduction Plan

Supplier name: SXWell UK as part of LifeStyles

Publication date: 07 Novembre 2024

Commitment to achieving Net Zero

Lifestyles is committed to achieving Net Zero emissions by 2050.

Baseline Emissions Footprint

Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured.

Baseline Year: 2022	
Additional Details relating to the Baseline Emissions calculations.	
Baseline has been set at 2022 when obligations came in, however, our global footprint at LifeStyles has started in 2020 especially in our factories where the energy consumption and CO2 emissions are the largest compared to our offices over the world, especially our UK office (SXWell UK, where the HC is low).	
Baseline year emissions:	
EMISSIONS	**TOTAL (tCO_2e)**
Scope 1	**337**
Scope 2	**20177**
Scope 3 **(Included Sources)**	**Not determined**
Total Emissions	**> 23514**

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Current Emissions Reporting

Reporting Year: 2023	
EMISSIONS	**TOTAL (tCO_2e)**
Scope 1	**219**
Scope 2	**23138**
Scope 3 **(Included Sources)**	**3220**
Total Emissions	**26577**

Scope 2 emissions in 2023 increased due to the removal of wheeling energy in our Indian factory. However, this will be compensated in the coming years by new projects to recycle heating energy.
Our emissions in our offices worldwide has low significance in our global C02 emissions.
Our SXWell office is a shared office, with shared CO2 emissions, and our employees in UK mainly work remotely.

Emissions reduction targets

/In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets. As part of our sustainability strategy, we've been developing yearly projects to reduce our CO2 emissions in our 2 factories since 2020.

Herebelow are listed the projects planned for 2023 in each factory.
For our factory in Thailand

Sn.	Year	Project name	Total saving (Kwhr.)	Total (Kwhr./year)	CO2 Emission Reduction (TonCO2)
20	CY2023	Solar Rooftop Phase I (evacuation area)	124,045.14	1,932,105.84	1,025.95
21		Auto stop compress air nozzle for NR. dipping line	2,925.58		
22		Reduce air compresser 6.0 to 5.8 bar	206,469.01		
23		New stripping pump for BF. line1	10,282.69		
24		Solar Rooftop Phase II (Plant 1, 2, 3 &4area)	1,474,003.59		
25		DI water consumption	47,600.00		
26		Redue electric consumption stop 1 Aerator for EQ pound ETP.	29,752.13		
27		Pre-Heat for PI hot water	37,027.70		

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For our factory in India,

S.no	Year	Project Name	Total Savings (Kwhr)	Total (Kwhr/year)	Co2 Emission Reduction (ton Co2)
28	2023	PI Heat Pump hot water generation	3,27,695	6,56,401.98	347.89
29		Air Leakage Arester in ET	1,03,845		
30		Line 2 PI Power consumption reduction by changing the MCB Control for heaters	73,605		
31		Elimination Pneumatic rotary actuator to electric actuator in Blowtex ET machine	49,957		
32		Hot Water Connection through heat pump instead of heater in canteen area	46,847		
33		Interlock the former coolers to line dip out in PI line(dip-1)	18,687		
34		Eliminate the pneumatic solenoids at NR dipping	15,653		
35		NR Comp Supply tanks power cut off after latex dilution	8,950		
36		Reduction of Air consumption in Auto ET	7,332		
37		Brush Modification in NR Dip Lines	3,830		

We project that carbon emissions will decrease over the next five years to < 18 000 tCO_2e by 2030. This is a reduction of 20 % against the 2022 baseline.

For now, we don't compare achievements vs targets as long as we keep achieving projects reducing our C02 footprint.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

Both our factories are certified according to ISO14001 standard. As per continuous improvement, projects are regularly conducted to reduce our global CO2 emissions.

The following environmental management measures and projects have been completed or implemented since 2020, even before the 2022 baseline was set. The carbon emission reduction achieved by these schemes equate to >4000 tCO_2e, a roughly 17% reduction against the 2022 baseline. These measures are and will be in effect when performing the contract

Hereafter are summarised the projects that were conducted from 2020 in each factory. For each year, the reduction of CO2 emission is presented in TonCO2

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For our Thailand factory

Sn.	Year	Project name	Total saving (Kwhr.)	Total (Kwhr./year)	CO2 Emission Reduction (TonCO2)
1	CY2020	Reduce energy consumption of hot water bath at lube	10,098.00	187,702.94	99.67
2		LED lighting for WH	19,234.74		
3		Reduce electric consumption KWh. BF. Line by change design	137,050.92		
4		Air water cool at Stock dip plant 1 and cool room plant	11,386.88		
5		Air water cool Burst room plant 2 and Engg dip plant 1.	9,932.40		
6	CY2021	LED. Lamps in dipping hall 2	63,425.40	1,084,476.76	575.86
7		Replace high bay lamp by LED. Type at prod. Store plant1	34,494.60		
8		Improve leaching tank insulator dipping line12	14,465.40		
9		Air chiller for QC2,Citec room, cool room plant 3 (Water cool)	17,007.69		
10		Low pressure for compress air (all area)	97,363.63		
11		Replacement ET center with AETM (AETM#32&33)	465,140.84		
12		Reduce electric consumption for Packing	17,379.28		
13		Replace the air nozzle by stripping brush	6,490.89		
14		Replace Street light high bay to LED front and behind plant 1,2,3	4,108.26		
15		Replacement ET center with AETM (AETM#34&35)	348,855.63		
16		Reduce air nozzle in dipping line	15,745.14		
17	CY2022	Auto stop vacuum gen. system	191,928.48	450,754.44	239.35
18		Auto stop compress air nozzle for NR. dipping line	13,232.01		
19		Reduce air compressor 6.0 to 5.8 bar	245,593.95		
20	CY2023	Solar Rooftop Phase I (evacuation area)	124,045.14	1,932,105.84	1,025.95
21		Auto stop compress air nozzle for NR. dipping line	2,925.58		
22		Reduce air compresser 6.0 to 5.8 bar	206,469.01		
23		New stripping pump for BF. line1	10,282.69		
24		Solar Rooftop Phase II (Plant 1, 2, 3 &4area)	1,474,003.59		
25		DI water consumption	47,600.00		
26		Redue electric consumption stop 1 Aerator for EQ pound ETP.	29,752.13		
27		Pre-Heat for PI hot water	37,027.70		

For our Indian factory

S.no	Year	Project Name	Total Savings (Kwhr)	Total (Kwhr/year)	Co2 Emission Reduction (ton Co2)
1	2020	PI hot water top up water usage from heat recovery system	98,137	1,87,454.86	100.50
2		Heat Pump for PI leach tank heater replacement	5,779		
3		Compressed air saving in wave dotted.	13,871		
4		Reducing the compressed air consumption by arresting leakages	5,148		
5		Implement hot press for new Cello machine	30,261		
6		Improving the efficancy of the AHU's	34,259		
7	2021	Savings of transformenr losses by replacing 20 years old transformers	1,04,352	1,92,532.22	102.94
8		Energy Efficient Motors for Freash Air Blowers- 4 nos of 15 KW	15,393		
9		Solar Hot water for canteen facility	25,065		
10		Improving the efficancy of the AHU's	47,722		

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11	2022	Heat Pump for Leach Tanks-NR	3,53,006	9,14,357.92	489.88
12		Condom Pick up air consumption reduction	2,273		
13		Clarifier Room Blower cut off and tapping the Main Blower Line no -07 to 10 (2.5 Kw Motor Removing	20,919		
14		EC fans for Fresh Air blowers- in NR Change room	6,347		
15		Modify the Former cooling AC air intake	1,75,838		
16		Interlocking the utilities (water and heaters) to dipline mins	4,843		
17		NR Changes Blower VFD Fixing	20,117		
18		VFD fixing for ETP Final Water Pumps	8,607		
19		Air leakage reduction in NR ET	94,010		
20		Interlocking the utilities (water and heaters) to dipline mins	17,383		
21		Eliminate the downtime for the Dust collector filter cleaning	69,284		
22		Air leakage reduction across plant	25,510		
23		Softwater wastage to be avoided by intelocking the water to manin drive.	21,043		
24		Replacement of pnueatic Y type valves with electrical actuated valves : Savings in air consumption and leakage reduction.	39,051		
25		Former washing Water pumps fixing VFD	15,502		
26		Standardisation of NR dip lines (Replacement of existing motor with energy efficient motors/ VFD for	25,298		
27		PI dipping lines ID AC cooler and Axial Fans load interlocking to ID zone	15,327		
28	2023	PI Heat Pump hot water generation	3,27,695	6,56,401.98	347.89
29		Air Leakage Arester in ET	1,03,845		
30		Line 2 PI Power consumption reduction by changing the MCB Control for heaters	73,605		
31		Elimination Pneumatic rotary actuator to electric actuator in Blowtex ET machine	49,957		
32		Hot Water Connection through heat pump instead of heater in canteen area	46,847		
33		Interlock the former coolers to line dip out in PI line(dip-1)	18,687		
34		Eliminate the pneumatic solenoids at NR dipping	15,653		
35		NR Comp Supply tanks power cut off after latex dilution	8,950		
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In the future we hope to implement further measures as some of the projects rolled out in 2024 in each factory, the column indicating the CO2 emissions reduction in tonCO2 represents the target, not the actual result. Globally, an holistic approach will be started to evaluate our Carbon emission during over continental shipments.

S.no	Year	Project Name	Total Savings (Kwhr)	Total (Kwhr/year)	Co2 Emission Reduction (ton Co2)
38	2024	Energy reduction in dry tumbler	27,188	3,68,384.00	195.24
39		Standardise the ID, PB and VT heater capacity and connections of Eurfurt line to achive the shapewise energy consumption with in +/- 10% between lines.	78,376		
40		Y type replace with electrical solenoid valve in compounding	36,922		
41		Energy efficient motor for dip line	20,391		
42		RRT Line BB chamber modification (Copy from PI)	18,125		
43		Compressor air flow controler unit	24,968		
44		High efficiency pumps for Utility	48,121		
45		Admin office Water cooled AC units	21,750		
46		Usage of the air knief for former drying	20,391		
47		Use the vacuum pump for condom sustion in CPR machines	37,601		
48		Energy savings from pre-beading boxes heat loss	34,551		
28	CY2024	New stripping pump for BF. line1	2,056.54	2,057,285.58	1,092.42
29		Solar Rooftop Phase II (Plant 1, 2, 3 &4area)	501,699.71		
30		Redue electric consumption stop 1 Aerator for EQ pound ETP.	19,923.89		
31		Solar Rooftop Phase I (evacuation area)	124,181.37		
32		Pre-Heat for PI hot water (BTF line)	82,505.28		
33		Solar Cell Phase IV (Packing and warehouse building)	237,209.30		
34		Heat Pumps for NR Dip line Leaching Tanks	180,730.90		
35		New alternate electrical genarator	271,096.35		
36		Improve insulation leaching tank dipping line12	158,998.01		
37		Pre-Heat for PI hot water	90,365.45		
38		Utilization air-com no.6	87,462.46		
39		STD consumption of Hot water to reduce energy consumption(Excl	67,774.09		
40		Re-design exhaust fan plant 1	59,641.20		
41		Balancing chiller valve at production line	56,930.23		
42		Replace water pump utility (Raw water,filtter water pump)	49,241.26		
43		Redue electric consumption stop 1 Aerator for Aeration pound)	43,070.88		
44		VSD to control stripping pump	24,398.67		

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Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard[1] and uses the appropriate Government emission conversion factors for greenhouse gas company reporting[2].

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard[3].

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Signed on behalf of the Supplier:

DocuSigned by:
Kevin Schott
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Chief Supply Officer

08-Nov-2024

DocuSigned by:
Nicolas Coltel
5573894726E349E...

Dir. RAQA Global, PRRC

08-Nov-2024

DocuSigned by:
Laurent Faracci
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CEO

08-Nov-2024

[1] https://ghgprotocol.org/corporate-standard
[2] https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting
[3] https://ghgprotocol.org/standards/scope-3-standard