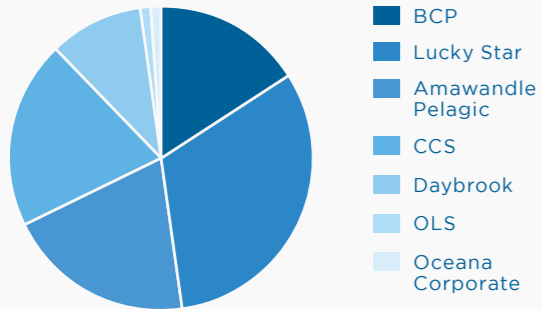


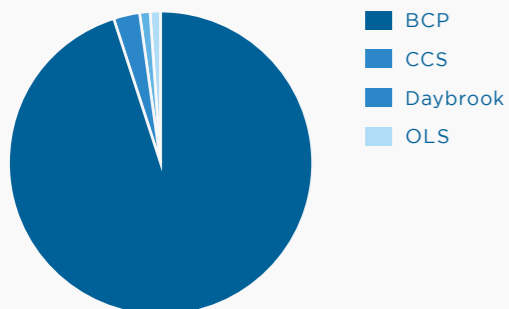
# 2021 Carbon Footprint

## Oceana's Operations

**39%** of Scope 1,2 & outside of scope emissions were accounted for by land operations



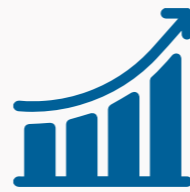
**61%** of Scope 1,2 and outside of scope emissions were accounted for by vessels



## Performance Summary 2021

Oceana Group's carbon footprint was calculated for the 2021 financial year using the GHG Protocol Corporate Standard and ISO14064-1:2006.

Scope 1, 2 and outside of scope emissions across the group decreased by 14.6%. Lucky Star, Amawandle Pelagic and Daybrook experienced large decreases, 22%, 32% and 26% respectively.



**11** PRODUCTION FACILITIES

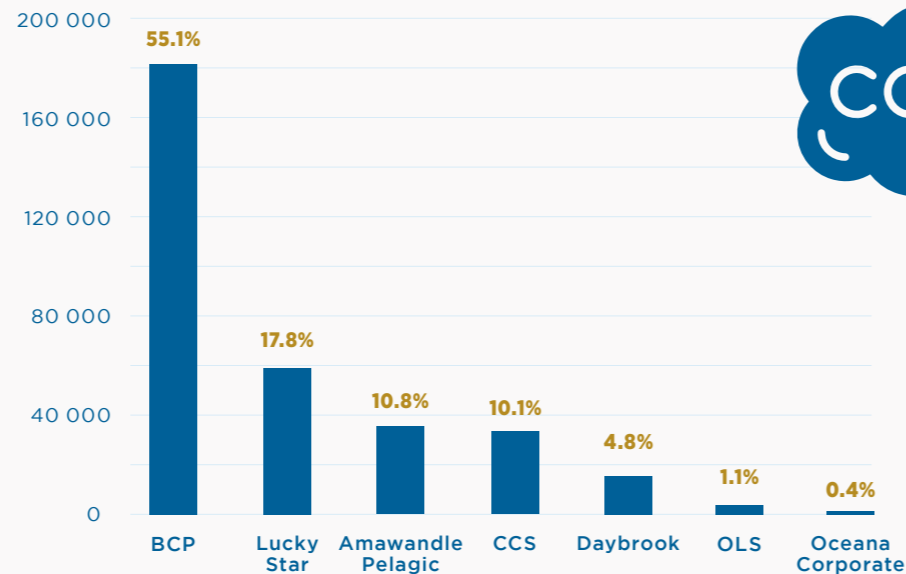


**4 195** EMPLOYEES



**45** VESSELS

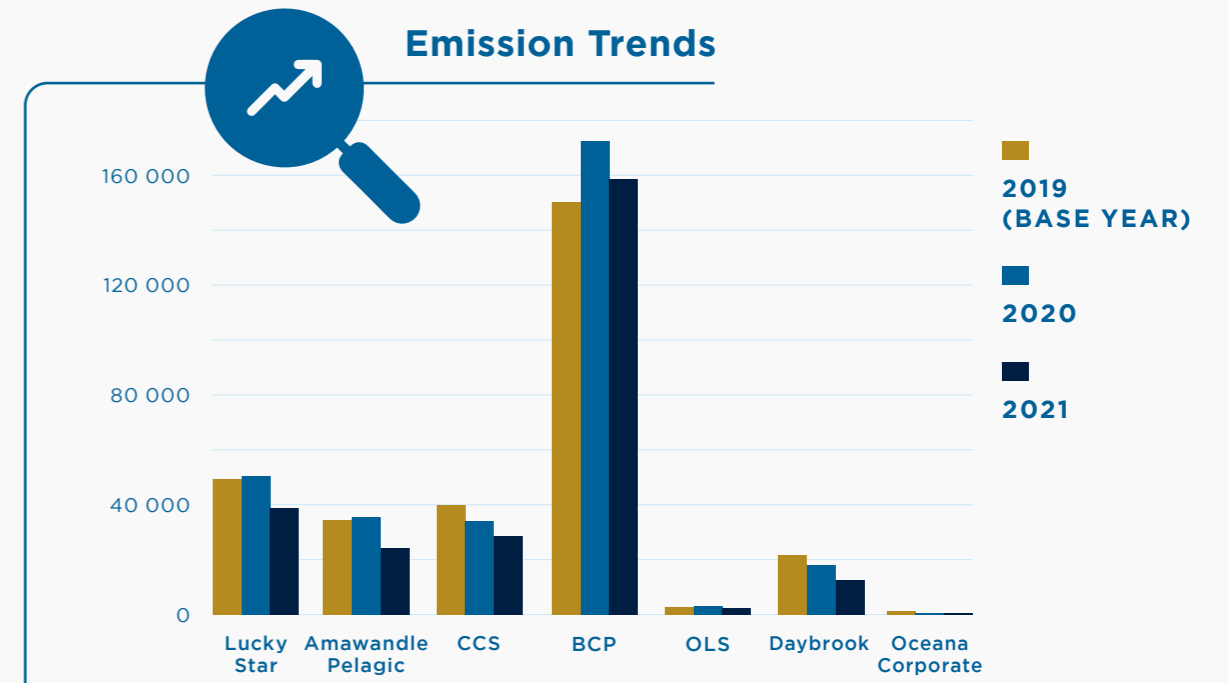
SCOPE	SOURCE	LUCKY STAR	BCP	CCS	OLS	DAYBROOK	CORPORATE	TOTAL
Scope 1	Mobile Combustion	7 025	72 399	11	1 393	326	98	81 251
	Stationary Combustion	42 092	-	6	-	9 224	-	51 407
Scope 2	Purchased Electricity - Market Based	13 646	3 161	28 498	1 423	3 475	918	51 120
	Purchased Electricity - Location Based	13 646	3 161	28 498	1 423	3 480	918	51 120
<b>Total Scope 1 &amp; 2</b>		<b>62 847</b>	<b>75 560</b>	<b>28 514</b>	<b>2 816</b>	<b>13 029</b>	<b>1 015</b>	<b>183 783</b>
Scope 3	3.1 Purchased Goods & Services	17 063	2 043	449	21	151	3	19 729
	3.2 Fuel & Energy Related Activities	10 578	17 169	3 728	468	1 956	144	34 045
	3.5 Waste Generated in Operations	686	1 963	91	2	5	2	2 749
	3.6 Business Travel	250	1 042	25	3	-	75	1 393
	3.7 Employee Commuting	2 992	1 247	515	256	623	19	5 755
<b>Total Scope 3</b>		<b>31 569</b>	<b>23 464</b>	<b>4 808</b>	<b>751</b>	<b>2 735</b>	<b>243</b>	<b>63 569</b>
<b>Total Scope 1, 2 &amp; 3</b>		<b>94 416</b>	<b>99 024</b>	<b>33 322</b>	<b>3 567</b>	<b>15 764</b>	<b>1 258</b>	<b>247 352</b>
Outside of Scope	Refrigerant Use - R22	165	83 038	-	-	-	-	83 203
<b>Total Emissions</b>		<b>94 581</b>	<b>182 062</b>	<b>33 322</b>	<b>3 567</b>	<b>15 764</b>	<b>1 258</b>	<b>330 555</b>



## Carbon Tax

South Africa's Carbon Tax came into effect in **June 2019**.

Based on the requirements of the Carbon Tax Act, two Oceana statutory entities are liable for the carbon tax, namely Amawandle Pelagic and Lucky Star. Across the group a carbon tax liability of **R2.2m was due for the 2020 calendar year**. This liability refers to the tax payable directly to SARS and excludes any carbon tax paid at the pump.



## Short Term Emission Intensities & Targets

**↑ 71%** Sea-Based Intensity  
2 119 tCO<sub>2</sub>e/tonne

Year on year 2.5% reduction in tonnes CO<sub>2</sub>e per tonne of sea-based product handled

Target intensity - 1 207 tCO<sub>2</sub>e/tonne

**↑ 24%** Land-Based Intensity  
1 179 tCO<sub>2</sub>e/tonne

Year on year 2.5% reduction in tonnes CO<sub>2</sub>e per tonne of land-based product handled

Target intensity - 930 tCO<sub>2</sub>e/tonne

## Oceana's Long-Term Objectives

