

ENVIRONMENTAL PERFORMANCE (2016 – 2019)



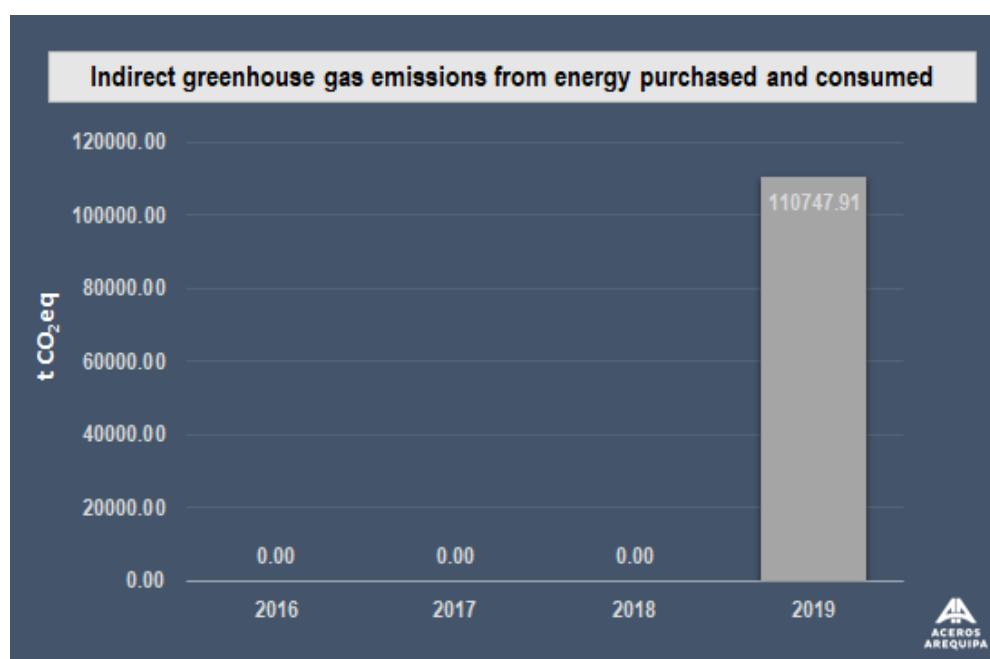
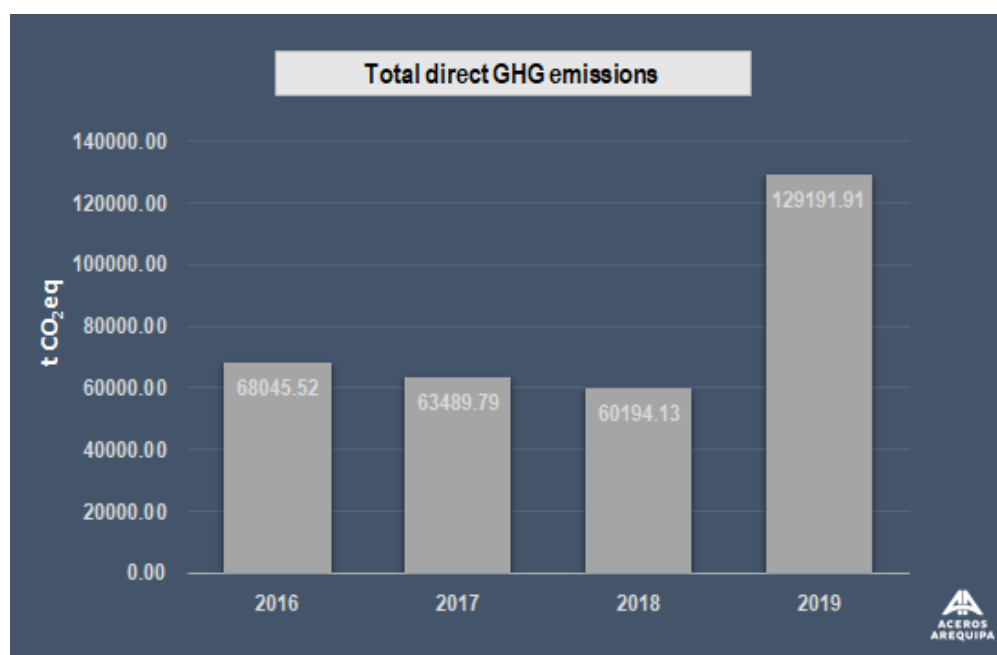
**CORPORACIÓN ACEROS
AREQUIPA S.A.**

I. GREENHOUSE GAS EMISSIONS

Greenhouse Gas Emissions	Unit	2016	2017	2018	2019
Total direct GHG emissions ⁽¹⁾	TM CO ₂ eq	68 045.52	63 489.79	60 194.13	129 191.91
Indirect greenhouse gas emissions from energy purchased and consumed ⁽²⁾	TM CO ₂ eq	0.00	0.00	0.00	110 747.91

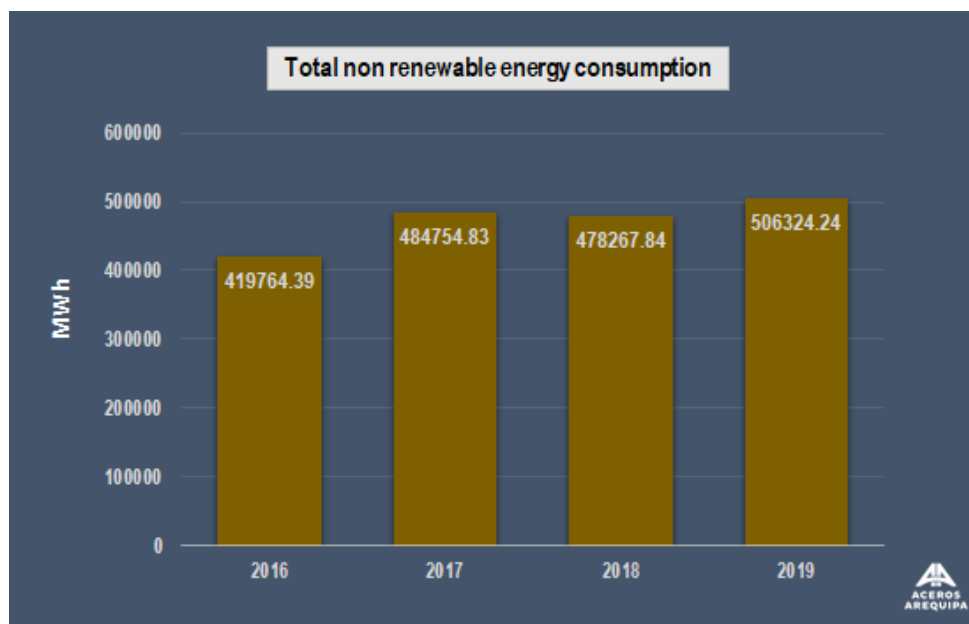
⁽¹⁾ The amounts of CO₂eq for the years 2016, 2017 and 2018 come from the emissions of the four furnaces of the Pisco plant and were calculated directly by the method of electrochemical cells. The amount of CO₂eq for the year 2019 was calculated taking into account the IPCC guidelines and the ISO 14064 standard.

⁽²⁾ In the years 2016, 2017 and 2018, no indirect emissions were measured.



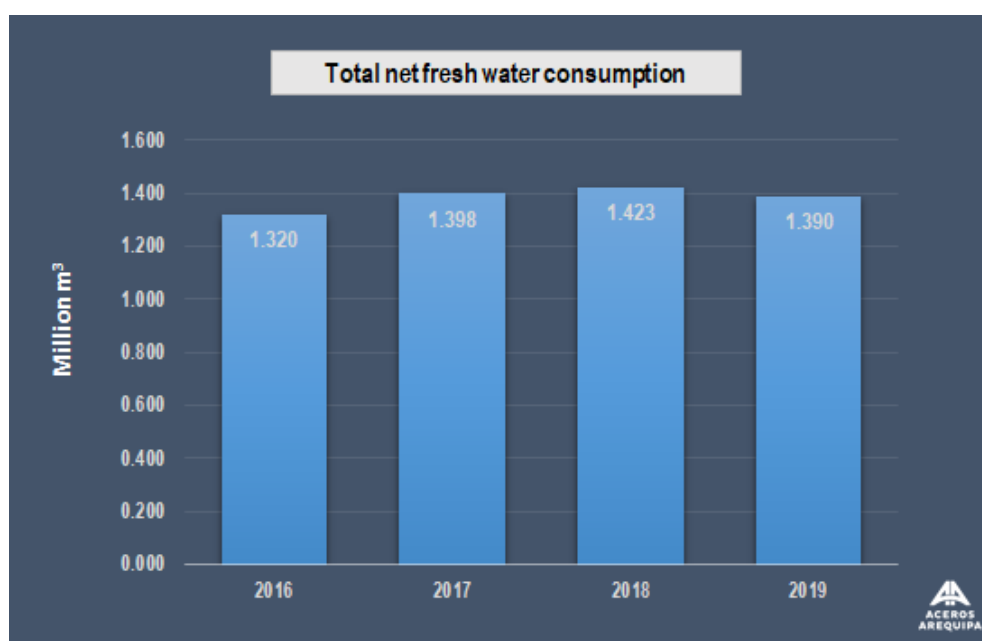
II. ENERGY CONSUMPTION

Energy Consumption	Unit	2016	2017	2018	2019
Total non renewable energy consumption	MWh	419 764.39	484 754.83	478 267.84	506 324.24



III. WATER CONSUMPTION

Water Consumption	Unit	2016	2017	2018	2019
Total net fresh water consumption	Million m ³	1.320	1.398	1.423	1.390



IV. WASTE

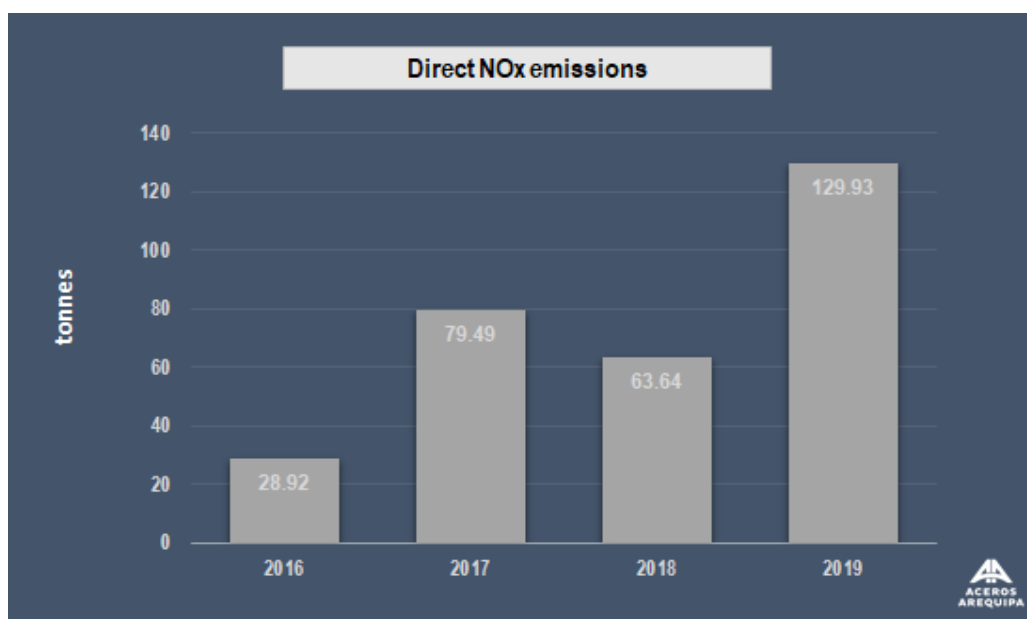
Waste	Unit	2016	2017	2018	2019
Total waste disposed	TM	1 286.1	1 864.3	1 229.0	960.0



V. NO_x EMISSIONS

NO _x Emissions	Unit	2016	2017	2018	2019
Direct NO _x emissions	TM	28.92	79.49	63.64	129.93

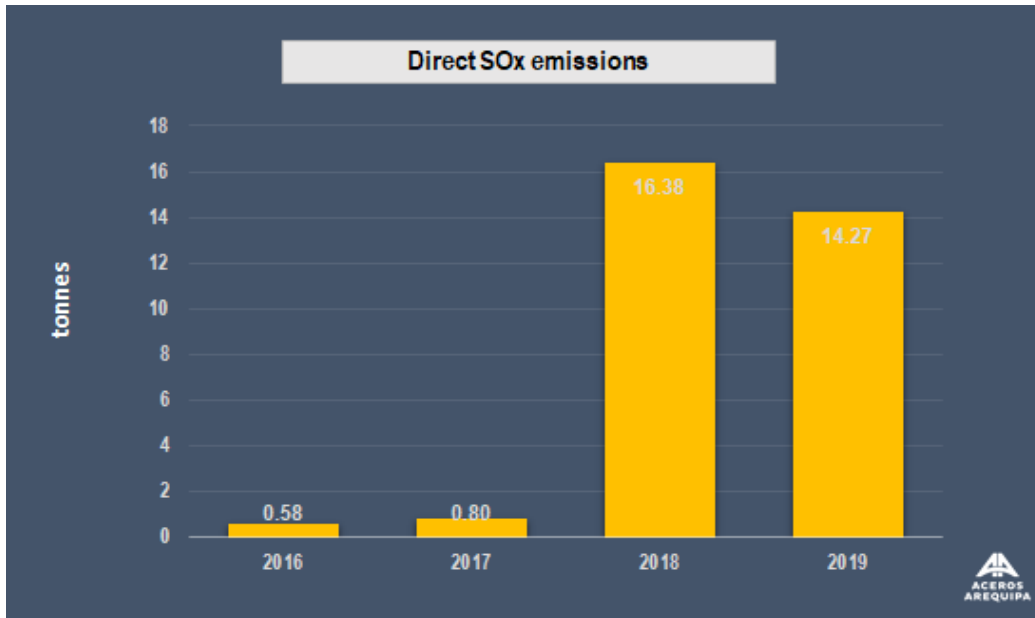
The amounts of NO_x come from the emissions of the four furnaces of the Pisco plant and were calculated directly by the method of electrochemical cells of the environmental monitoring carried out by the organization.



VI. SO_x EMISSIONS

SO _x Emissions	Unit	2016	2017	2018	2019
Direct SO _x emissions	TM	0.58	0.80	16.38	14.27

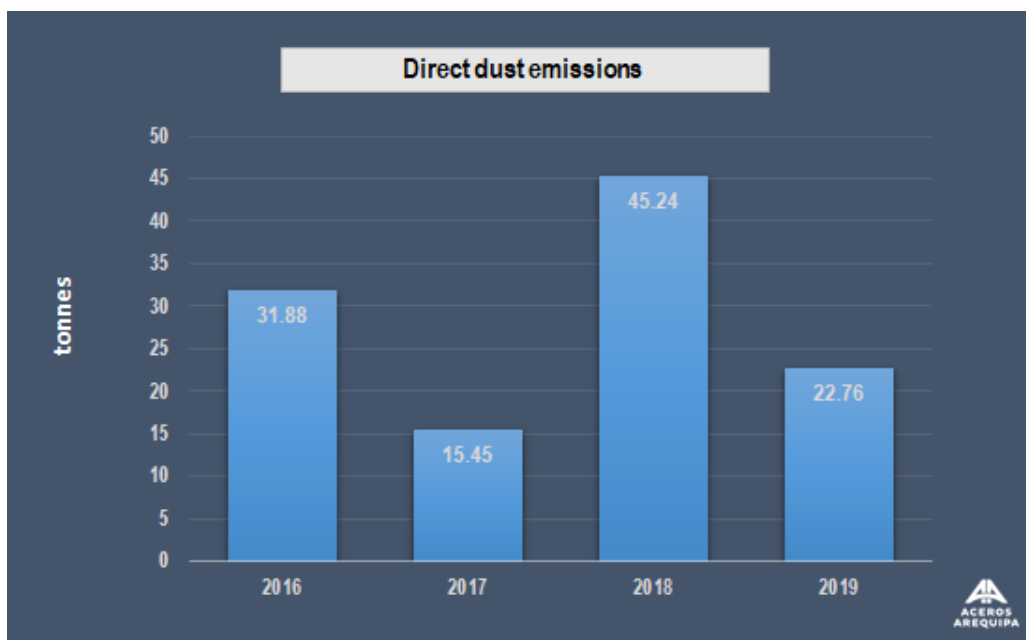
The amounts of SO_x come from the emissions of the four furnaces of the Pisco plant and were calculated directly by the method of electrochemical cells of the environmental monitoring carried out by the organization. There is an increase in emissions since, as of 2018, due to a government issue, the EPA 6 method has been used, which has an upper quantification limit (<3.14mg / Nm³).



VII. DUST EMISSIONS

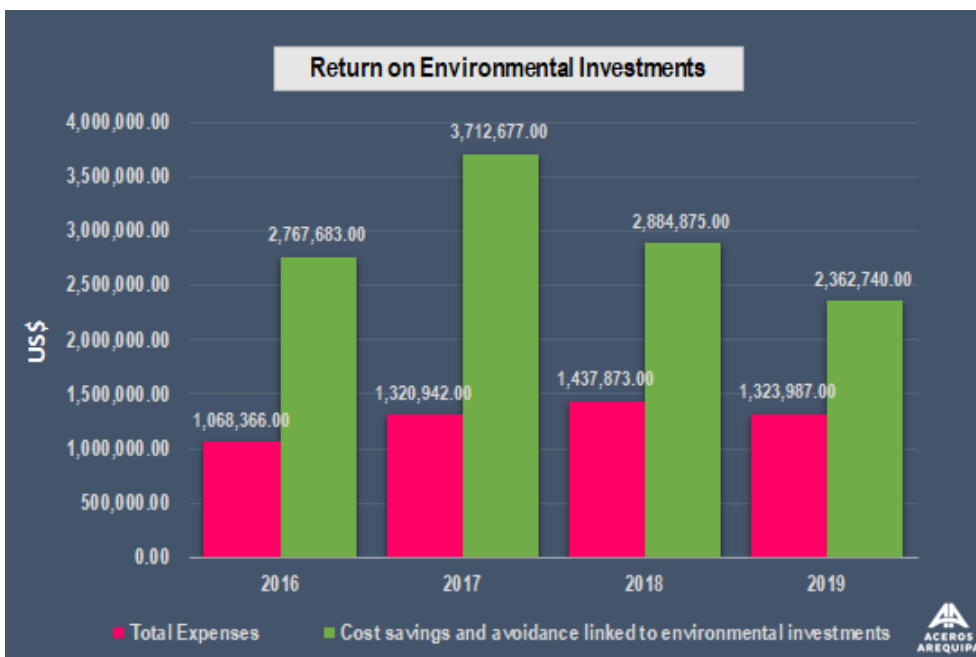
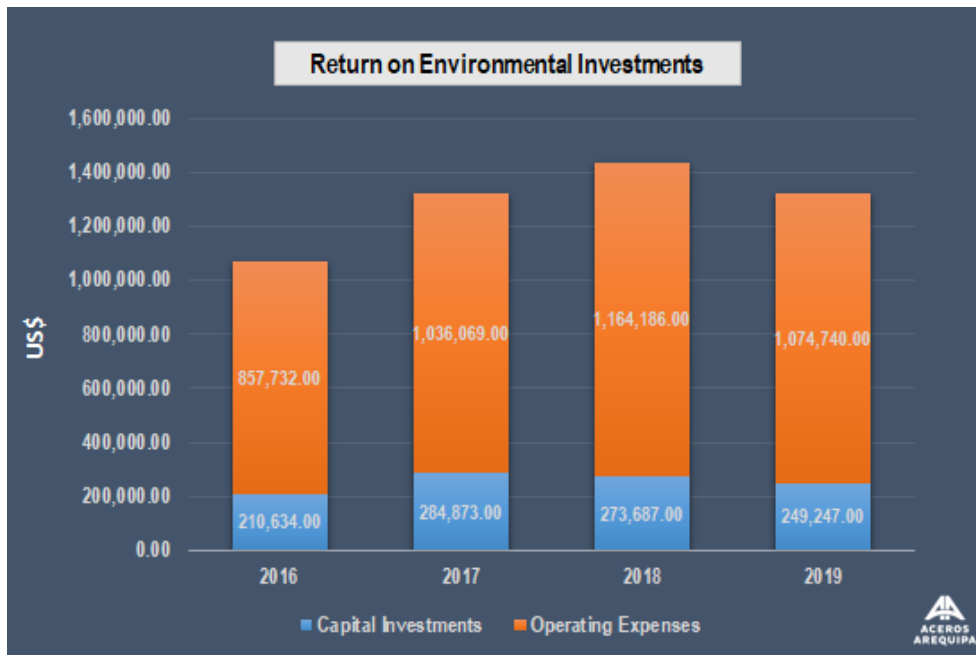
Dust Emissions	Unit	2016	2017	2018	2019
Direct dust emissions	TM	31.88	15.45	45.24	22.76

The amounts of particulate material come from the emissions from the four furnaces of the Pisco plant and were calculated directly by EPA method 5 of the environmental monitoring carried out by the organization.



VIII. RETURN ON ENVIRONMENTAL INVESTMENTS

Return on Environmental Investments	Unit	2016	2017	2018	2019
Capital Investments	US\$	210,634.00	284,873.00	273,687.00	249,247.00
Operating Expenses	US\$	857,732.00	1,036,069.00	1,164,186.00	1,074,740.00
Total Expenses	US\$	1,068,366.00	1,320,942.00	1,437,873.00	1,323,987.00
Cost savings and avoidance linked to environmental investments	US\$	2,767,683.00	3,712,677.00	2,884,875.00	2,362,740.00



IX. ENVIRONMENTAL VIOLATIONS

Environmental Violations	Unit	2016	2017	2018	2019
Amount of fines/penalties related to the above	US\$	0.00	0.00	0.00	0.00