

# SAAMBIENTAL

## Environmental bulletin



June 2021

Climate change is affecting every country on every continent. Weather conditions are shifting, sea levels are rising, temperatures are changing and weather events are becoming more extreme, as the United Nations alerts us to with Sustainable Development Goal 13: Climate Action.

SAAM's Environmental Policy is consistent with the principle of environmental care that is part of the company's mission and its Sustainability Policy.

The purpose of this bulletin is to keep our stakeholders apprised of topics related to the environmental management efforts of SAAM and its subsidiaries. The information contained herein is for the year 2020 and includes 100% of subsidiaries.

## Progress in environmental management

The strategic risks managed by the company include the following material issues:



1) Natural or man-made disasters.



2) Inadequate environmental management.

Both are included in the risk matrix, which estimates a low probability of occurrence, but a high impact if they do materialize.

## Highlights for the year

- Legal external audit of SAAM Towage, Aerosan Chile, SAAM Logistics and port terminals in Chile.
- PREAD Environmental Excellence Award for Aerosan Colombia.
- Carbon footprint training for 100 employees from the three business divisions.
- "Donatapa" social-environmental campaign at Puerto Caldera (SPC), resulting in the collection of 500 kg, equivalent to 250,000 plastic bottle tops.
- "Chao Colilla" Campaign to clean up cigarette butts at Iquique Terminal Internacional (ITI). 12,000 cigarette butts were collected from the southern sector of Brava Beach.



- SAAM Towage Chile obtained the Huella Chile quantification seal and, for the first time, the emissions reduction seal.



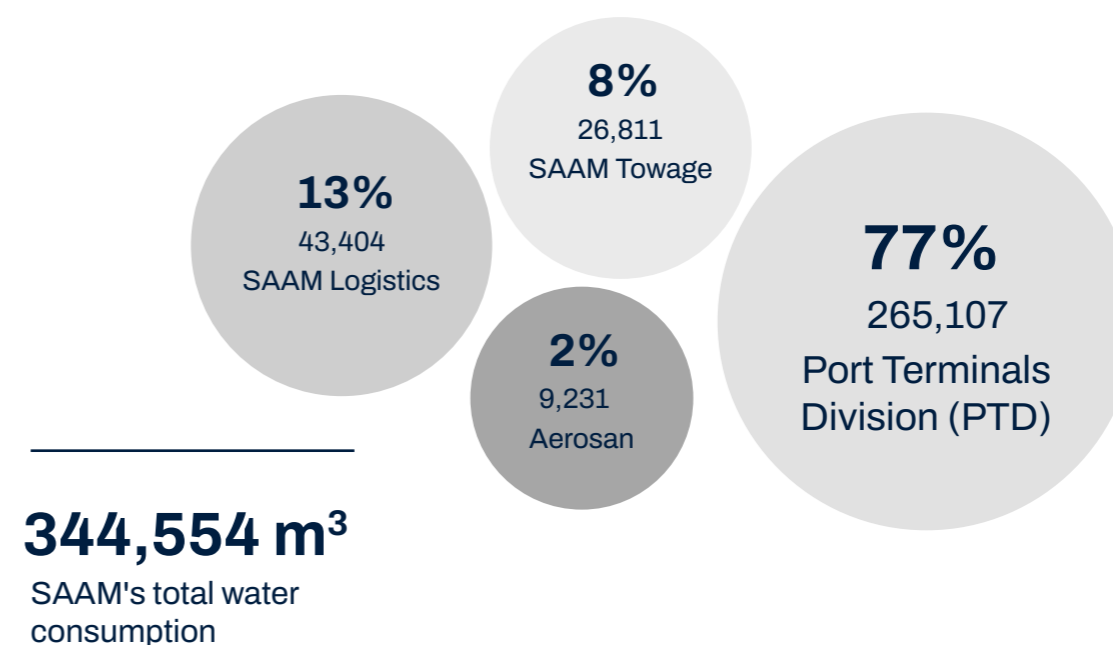
- Antofagasta Terminal Internacional (ATI) obtained for the first time the emissions reduction seal granted by Huella Chile.

## Natural resource management

### Water

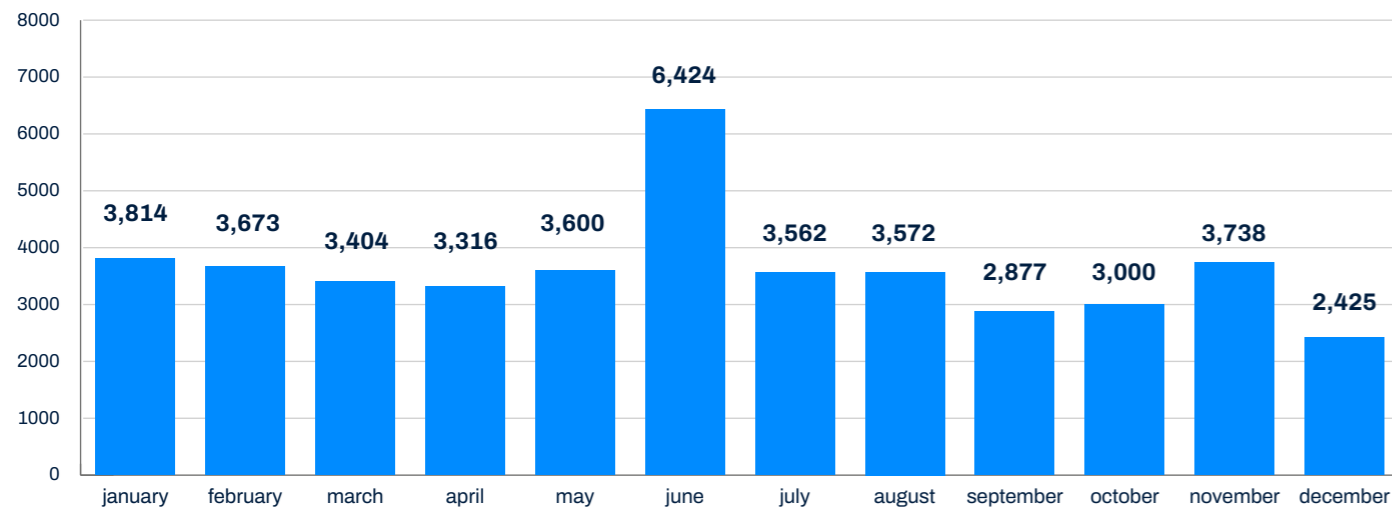
Our divisions use water in buildings, landscape sprinkler systems, equipment washing, etc.

#### Water consumption



SAAM Logistics reported consumption for the year 2020 of 43,404 m3:

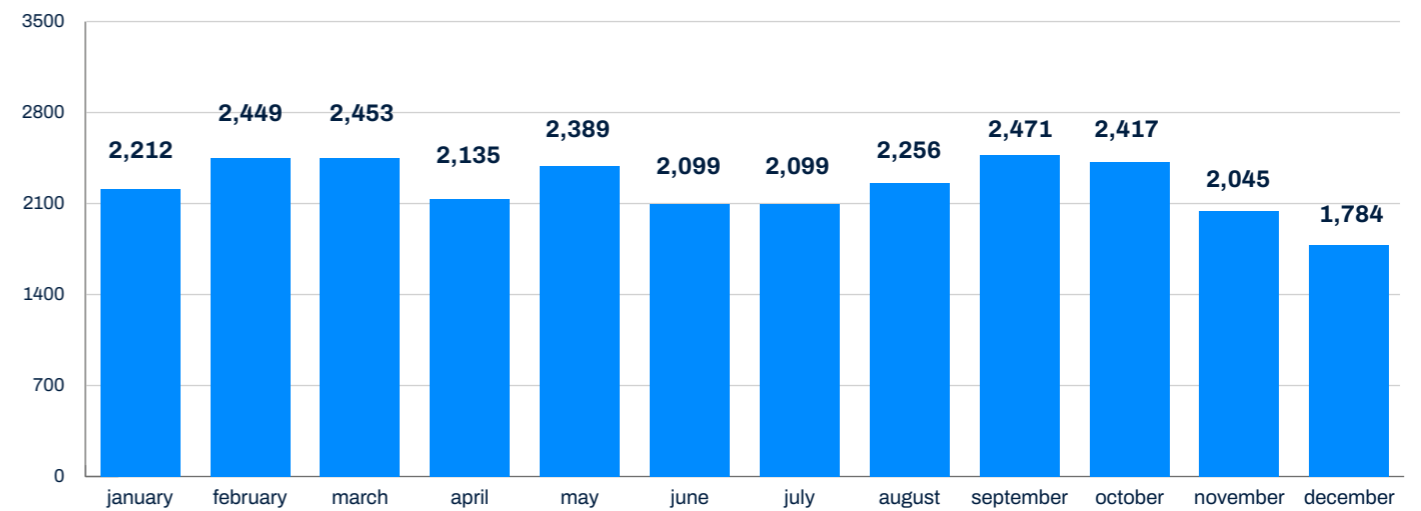
**Drinking Water Consumption SAAM Logistics 2020 (m3)**



Note: rise in consumption in June was due to a leak.

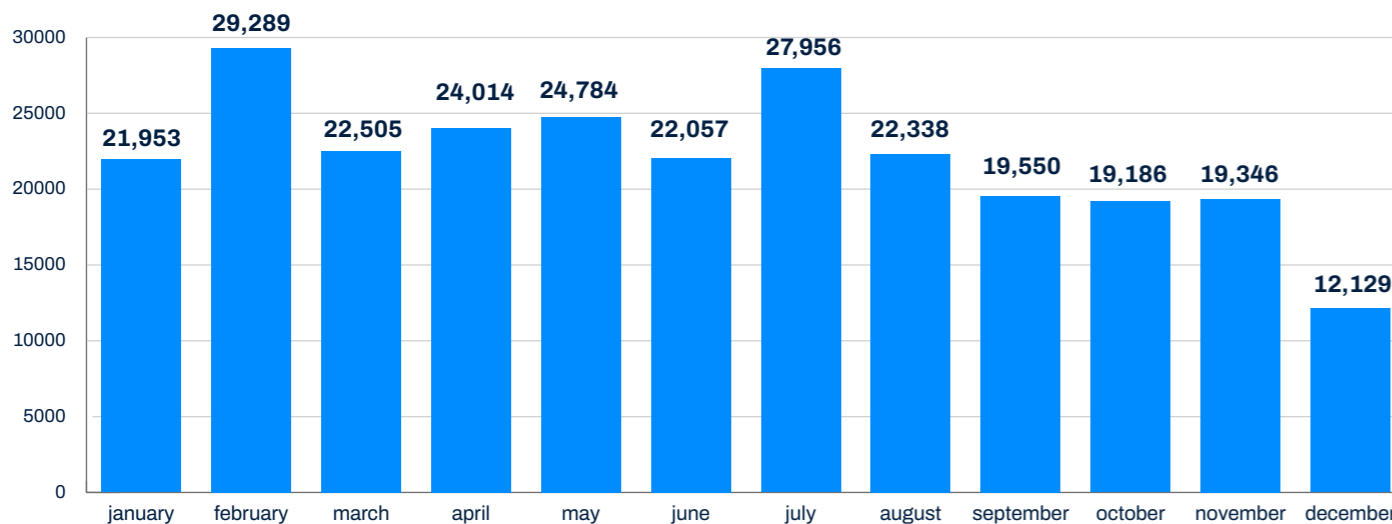
Consumption by SAAM Towage for the year 2020 was 26,811 m3:

**Drinking Water Consumption SAAM Towage 2020 (m3)**



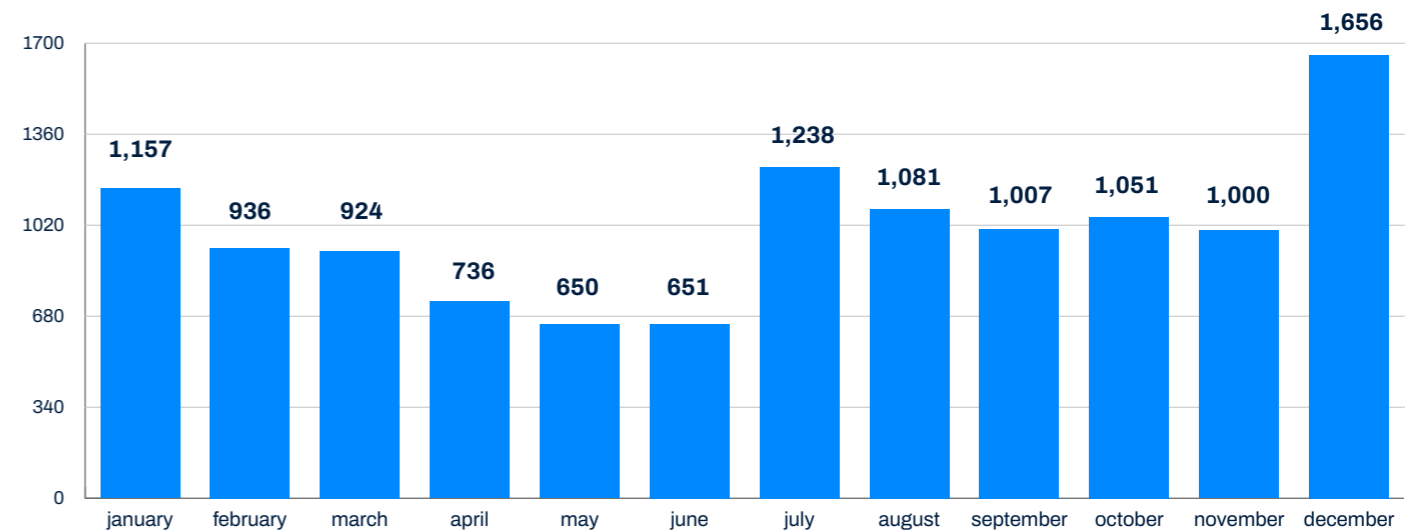
Consumption by the Port Terminals Division was 265,197 m3:

**Drinking Water Consumption PTD 2020 (m3)**



Consumption by Aerosan was 12,086 m3:

**Drinking Water Consumption Aerosan 2020 (m3)**



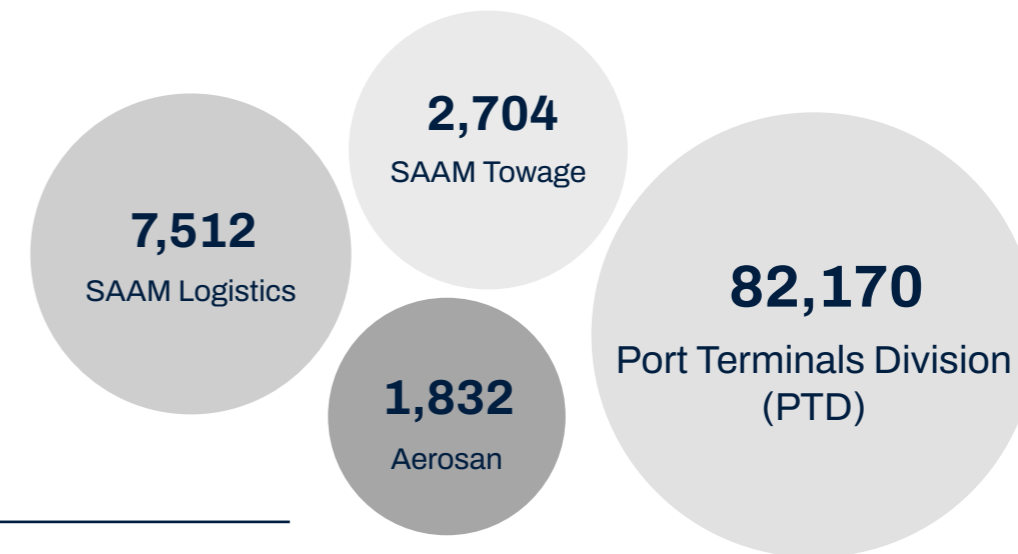
## Electricity:

In 2020, total electricity consumption of all SAAM divisions was 94,218 Mwh.

### Sources of electricity consumed:

Type of Energy	%
Renewable	54%
Natural gas	0%
Thermoelectric power plants (gas, coal, etc.)	46%
Co-generation	0%
Other	0%

Each division generated the following quantity of Mwh:



**94,218**  
total SAAM



SAAM Logistics

**75%**  
of total consumption comes from Renewable Energy

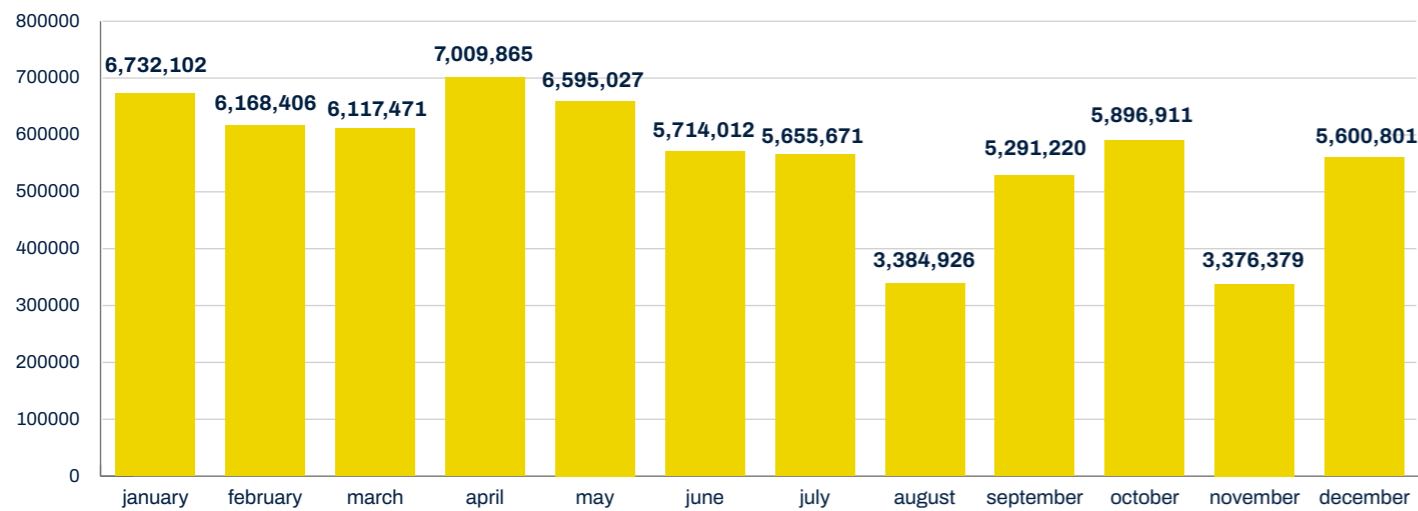


PTD

**53%**  
of total consumption comes from Renewable Energy

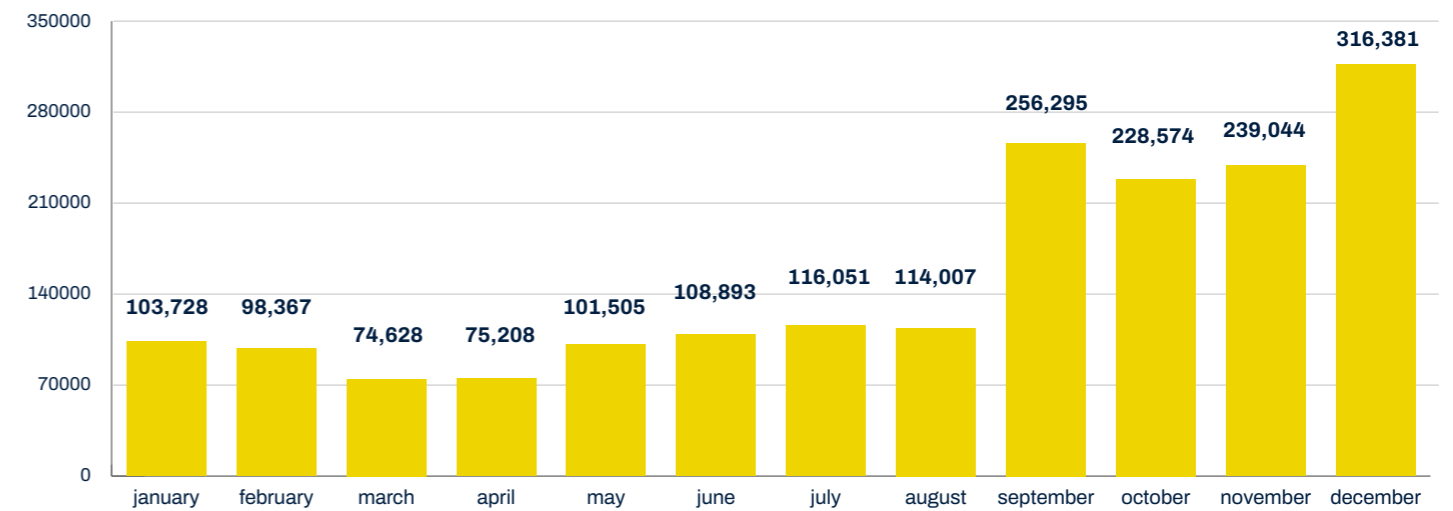
Monthly consumption by division is distributed as follows:

### Electricity Consumption PTD 2020 (Kwh)



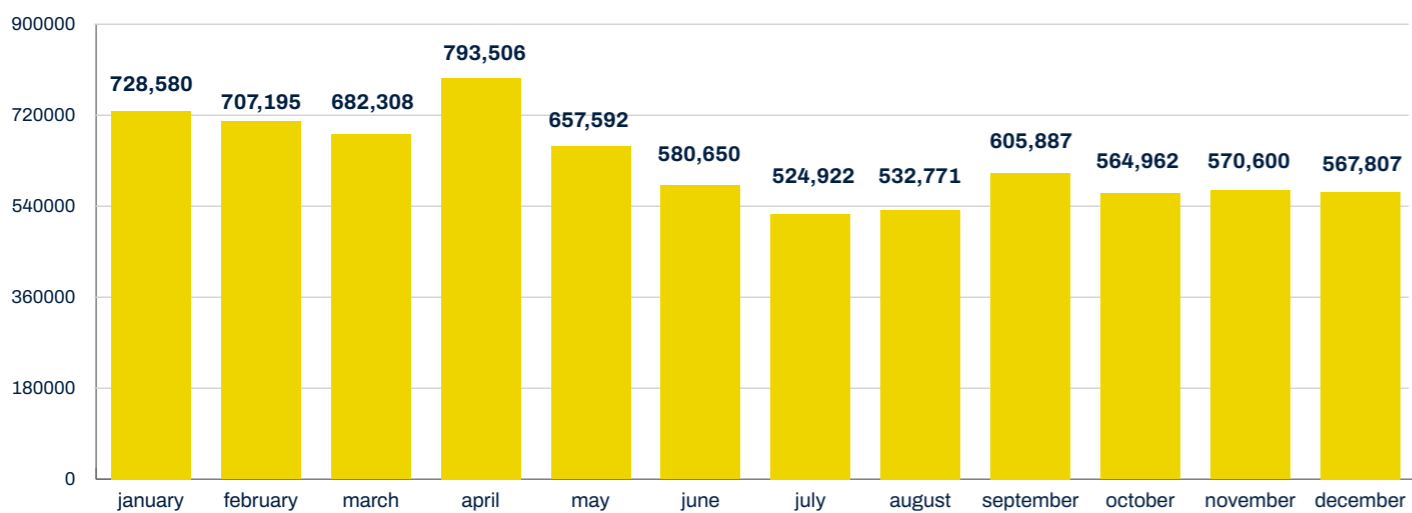
Note: consumption corresponds to reefers, warehouses, buildings, etc.

### Electricity Consumption Aerosan 2020 (Kwh)



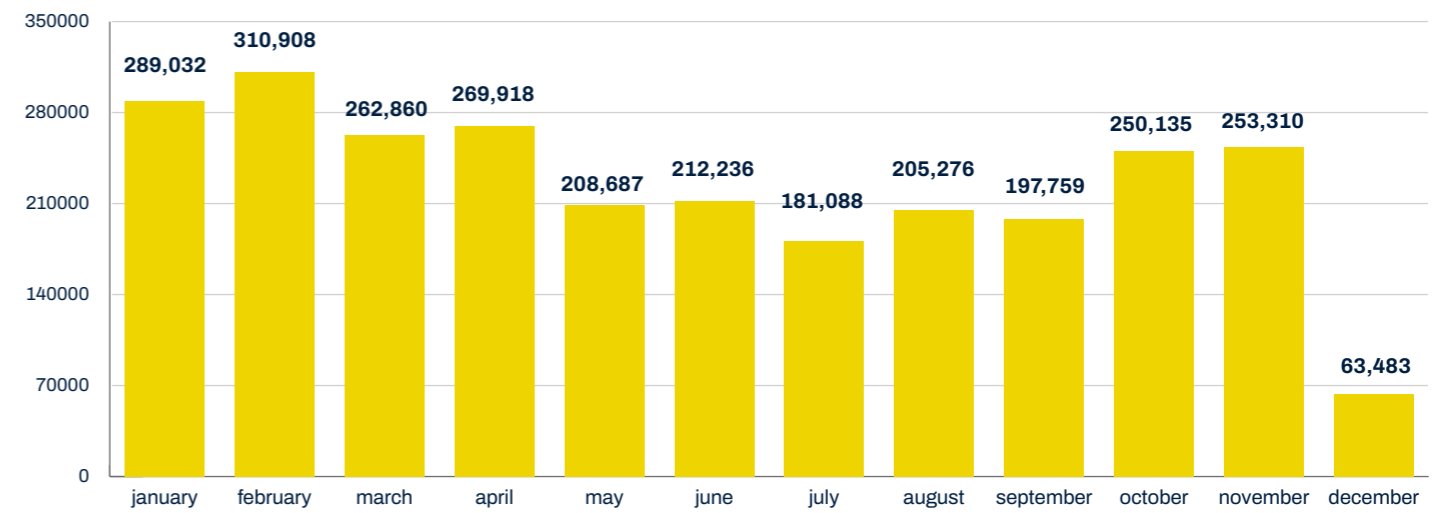
Note: consumption corresponds to buildings, warehouses, cold storage facilities, etc.

### Electricity Consumption SAAM Logistics 2020 (Kwh)



Note: consumption corresponds to buildings, warehouses, cold storage facilities, etc.

### Electricity Consumption ST 2020 (Kwh)

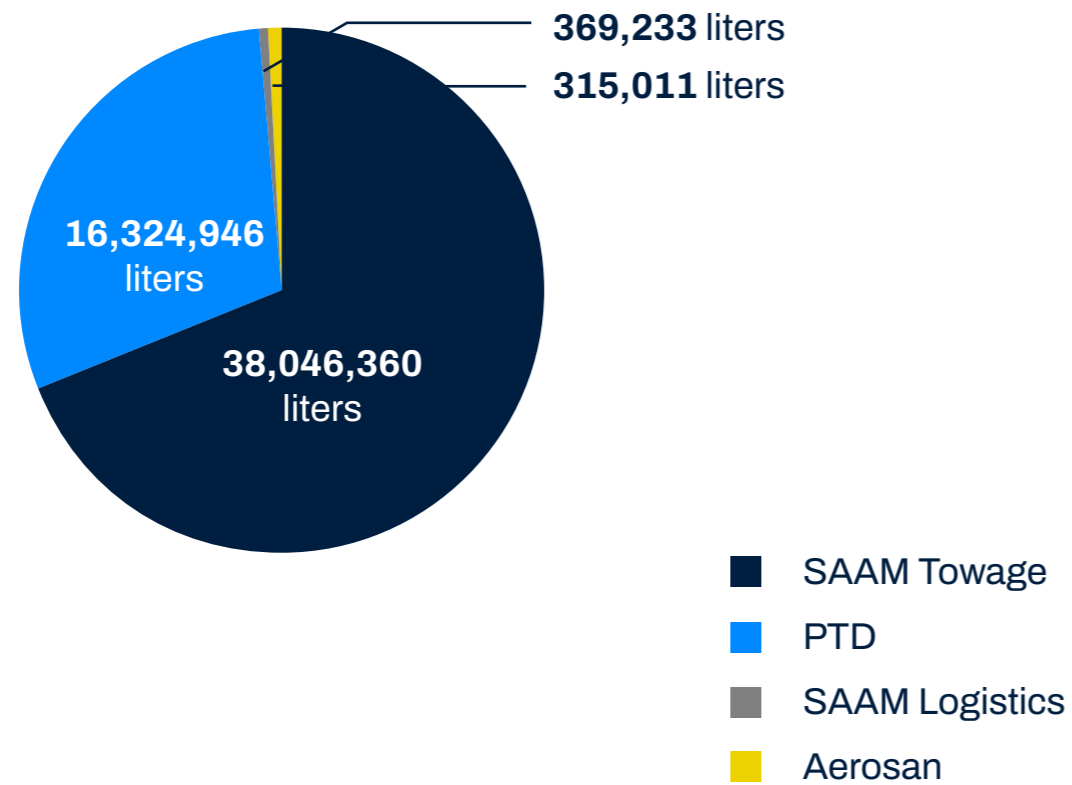


Note: consumption corresponds to buildings or terminal connections.

## Fuel

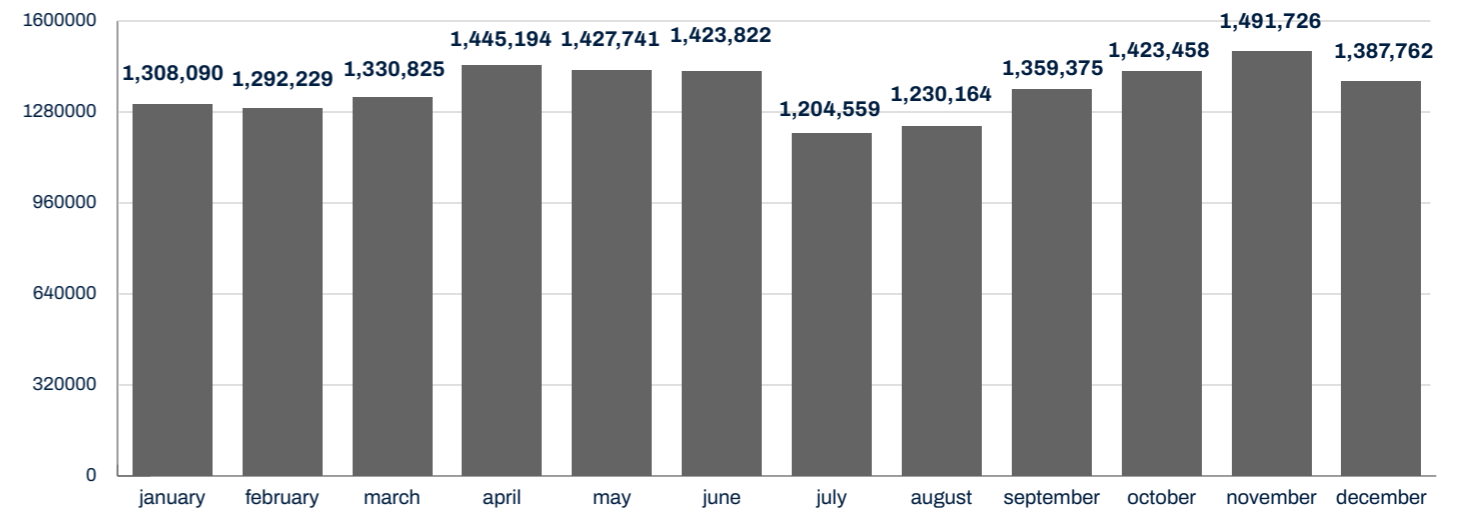
In 2020 our divisions consumed 55,055,550 liters of fuel for use by tugs, different types of cranes, generators, etc.

Consumption by division is as follows:

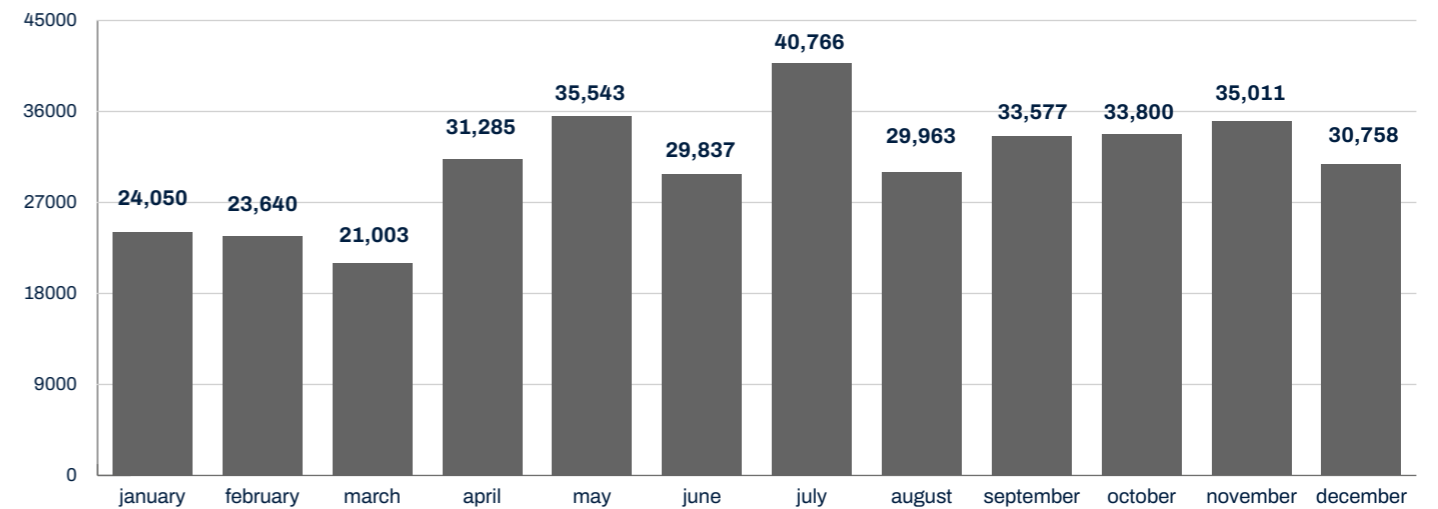


Diesel consumption by division is distributed as follows:

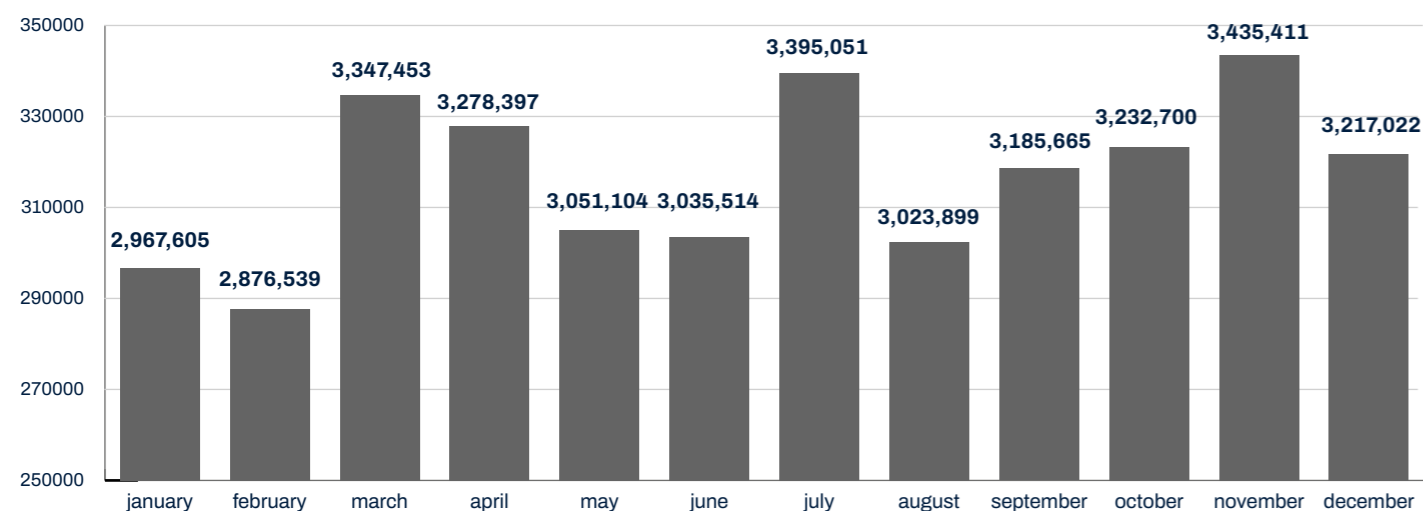
**Fuel Consumption PTD 2020 (liters)**



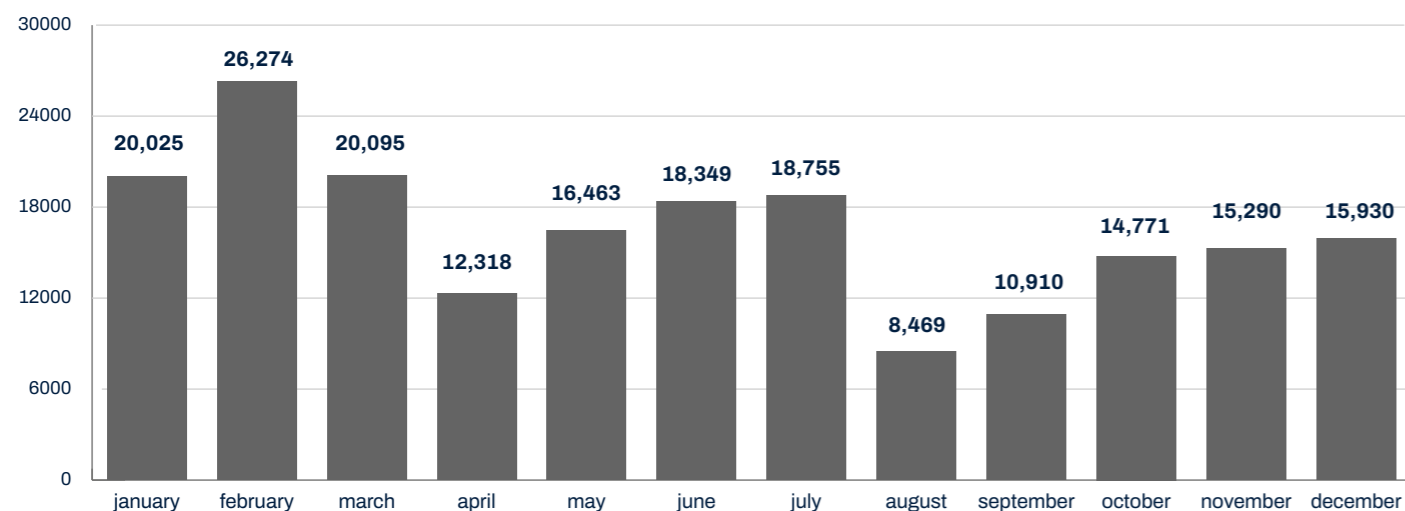
**Fuel Consumption SAAM Logistics 2020 (liters)**



### Fuel Consumption ST 2020 (liters)



### Fuel Consumption Aerosan 2020 (liters)



## Waste management

SAAM and its subsidiaries generate waste from their activities in offices, maintenance shops, warehouses, tugs and other facilities.

### Total waste generated:

hazardous recycling + non-hazardous recycling + hazardous waste + non-hazardous waste



**5,211,179 kg**  
of solid waste



**1,135,055 liters**  
of liquid waste



**91%**

Of all solid waste generated is non-hazardous while



**9%**

Of all solid waste generated is hazardous



**44%**

Of total solid waste is recycled

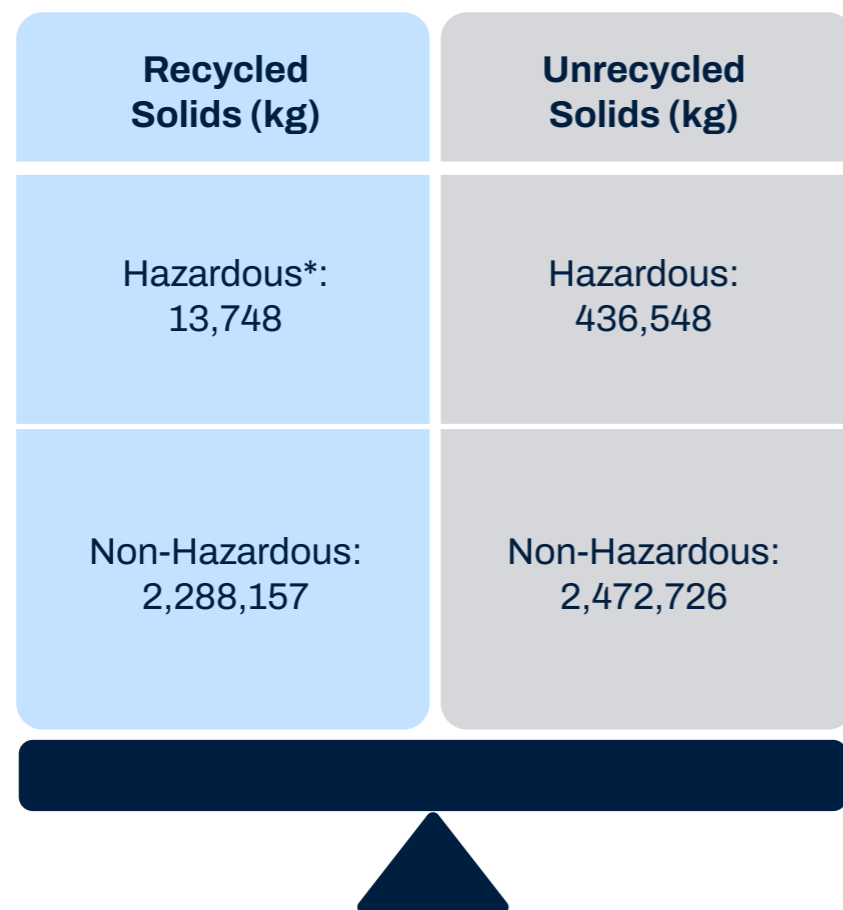
**Recycling increased 12% over the year 2019**, due to the incorporation of new companies that manage their waste properly, as well as improvements in recycling management

Ordinary recoverable waste is recycled, while hazardous waste is co-processed as alternative fuel by authorized waste disposal companies. We always work with authorized companies for transportation and final disposal in accordance with each country's regulations.



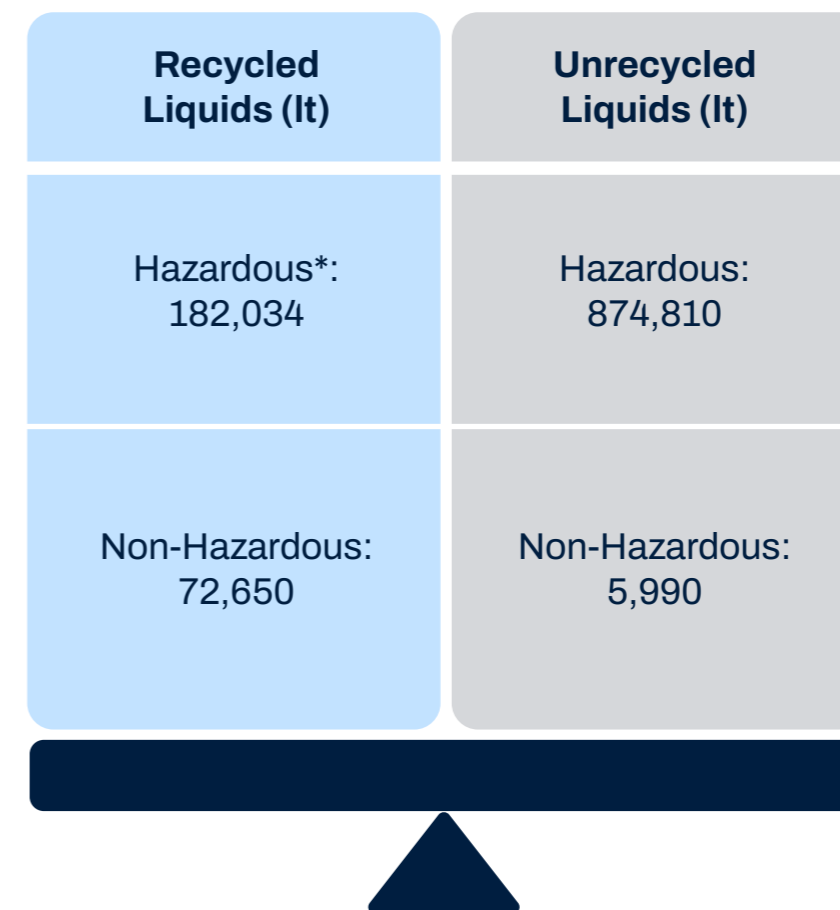
The company internally recycles 22% of liquid waste generated, reflecting a 5% rise in recycling over 2019.

**Distribution of solid waste:**



\*Note: Co-processing is performed

**Distribution of liquid waste**

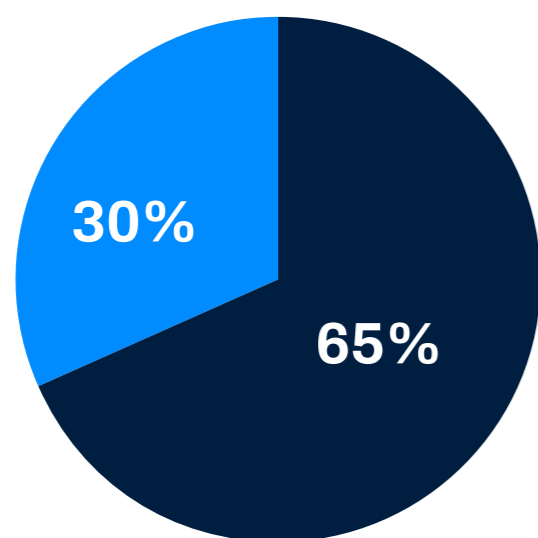


\*Note: Co-processing is performed



## Emissions reduction

To move forward with emissions reduction, in 2020 we expanded the number of subsidiaries that measure their carbon footprint.



■ Of all subsidiaries measure scopes 1 and 2
 ■ Of all subsidiaries measure scope 3

In 2021, 100% of subsidiaries will measure their carbon footprints. The Greenhouse Gases (GHG) statement is prepared in accordance with the GHG Protocol and the World Ports Climate Initiative (WPCI).

In 2020, the company added measurements of Portuaria Corral, SPC, TPG, TMAZ and the SAAM Towage fleets.

Scope	Company	Coverage %	Unit	2020
Direct greenhouse gas emissions (Scope 1)	SAAM	65%	Ton Co2e	96,565
Indirect greenhouse gas emissions (Scope 2)	SAAM	65%	Ton Co2e	33,798
Scope 3 GHG emissions	SAAM	30%	Ton Co2e	180,072
Intensity by division	Port Terminals Division	89%	Kg Co2e / Ton of throughput	3.53
	SAAM Towage Division	56%	Ton Co2e / tugmove	1.06
	Logistics Division	50%	Kg Co2e / Ton moved	0.01

Note: results correspond to measurement conducted in 2020

ATI and SAAM Towage obtained the emissions reduction seal from Chile's Environmental Ministry for the year 2019.

They reduced emissions by 3,550 tons of CO2e.

## Culture and environmental compliance

SAAM aims to enhance the organization's environmental culture by building knowledge, skills and habits while raising awareness of the problems and impact generated by each operation in its quest for sustainable development. To this end, the company must keep a record of the training sessions imparted and manage and process incidents, inspections and social complaints.

This reporting period, the general results for our three SAAM divisions were as follows:

No. Environmental trainings	763
No. Environmental campaigns	23
Total training hours	930
No. Inspections	1
No. Claims	0
No. Fines or penalties	0

