

# 2019 Maritime Award of the Americas

"Sustainable and efficient ports  
for a properous port-city relation"



## Congratulations to the winners!



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Sociedad Latinoamericana de  
Operaciones Terrestres, Portuarias  
Marítimas, Pesqueras y Mineras



**CIP** | Inter-American  
Committee on Ports



## MESSAGE FROM THE CHIEF OF THE SECRETARIAT

JORGE DURÁN

On behalf of the Secretariat of the Inter-American Committee on Ports (S/CIP) of the Organization of American States (OAS), I am honored to announce and congratulate the winners of this 6th edition of the 2019 Maritime Award of the Americas.

We are pleased to recognize that the winners demonstrated their invaluable commitment and unremitting efforts to develop sustainable and efficient ports for a prosperous port-city relation in the Americas.

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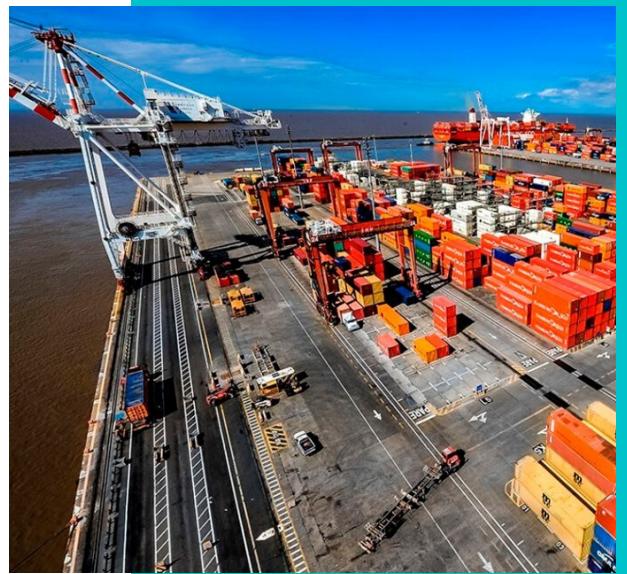
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# SOCIAL RESPONSIBILITY

## | PUERTO BUENOS AIRES

PUERTO BUENOS AIRES,  
ARGENTINA

As a result of the excessive waste generation in the city of Buenos Aires, including waste from the Port and 24 other municipalities, Puerto Buenos Aires decided to tackle this issue with the implementation of its Recycling Program, which is aligned to the UN Sustainable Development Goal 11, "Sustainable Cities and Communities".



Argentina is one of the few countries in the world where the recovery of materials at source is carried out by urban recyclers who have managed to formalize and organize through cooperatives. Aware of this reality, Puerto Buenos Aires' initiative reduces waste generation and manages it adequately and efficiently by collecting recyclable materials from specific gathering locations for later delivery to the cooperatives. Once the recyclable material is delivered, it is separated for sale to the recycling companies, for which the cooperatives receive a remuneration that is distributed among their members.

In this Program, Puerto Buenos Aires collaborates with the social cooperatives El Ceibo and Cartoneros del Sur, in their own, licensed and permitted facilities and those of third parties within the port jurisdiction. With this, families whose income derives from the recovery of materials for recycling, now obtain adequate and hygienic conditions, and receive greater labor and socio-economic inclusion.

The Program has made El Ceibo and Cartoneros del Sur part of the public urban hygiene service in Buenos Aires, creating formal jobs for approximately 4,500 people who see waste recovery as a source of income. As of today, the work of all those involved has resulted in the recycling of more than 75,000 kg of recyclable materials (paper, cardboard, plastic, metal and nylon). Such an impact has been achieved that 22 firms committed to manage their waste properly and with greater social responsibility.

# PORT-CITY RELATION



COMPAS, COLOMBIA

COMPAS, after having carried out a population census in its area of influence, found that 89% of said population had an income equal to or below the minimum wage, as well as failures in the coverage of domestic public services, and that only 2% of the population holds university degree. Addressing these troubling results obtained from the study, four lines of intervention were established with projects aligned to the UN Sustainable Development Goals, among which are:

- Water (Environment and Marine):

- Diaspora Program: In collaboration with Oleoductos de Colombia Foundation and with the participation of local mangrove and fishermen associations, COMPAS seeks to plant structures of artificial reefs, mangrove trees and other protective species of hydrographic basins
- Support for traditional artisanal fishing activities: Training on artisanal fishing, implementation of a participatory fishing monitoring program with workshops and follow-up sessions, as well as informative talks on artisanal fishing, among other activities that strengthen sustainable fishing in the community.

- Education:

- School Environmental Projects (PRAE): COMPAS accompanied the implementation of three PRAES in three educational institutions in Tolú, with the aim of strengthening environmental awareness and culture in the educational institutions of its operational environment.
- Citizen environmental education projects: Actions for problem solving and the strengthening of environmental potentialities in the National Policy of Environmental Education strategy.
- Training for fishermen in maritime safety: Workshops and sessions were held to train fishermen, including the validation of the accident prevention plan with related socialization meetings.



- Productive projects:
  - Sustainable Agriculture: COMPAS contributed to the sustainable, competitive and inclusive development of agricultural production systems in rural communities, in order to strengthen food and nutritional security and promote income and employment opportunities with agricultural producer groups.
  - Strengthening of productive units: Support for the formation and consolidation of productive projects, some of which are linked to the organization's value chain. Project operated by the Sucre business incubator (Incubar)
- Participation, transport and mobility:
  - Differential participation mechanism: Aware of its impact in Tolú, COMPAS developed a differential participation and socialization mechanism, which involved the municipality's community, including local authorities, entrepreneurs and civil society organizations, which include farmers, fishermen, community action boards, local authorities, among others. In collaboration with the community, a participatory process was designed and implemented for the definition of social strategic actions, as well as their follow-up for the benefit of the region and its society.
  - Improvement of roads, vehicular and pedestrian dynamics: COMPAS carried out a diagnosis of the mobility system in the area of influence of its Expansion and Dredging Project at its port terminal in Tolú. The purpose of this diagnosis was to define the traffic and transportation in the area, the available road infrastructure and the frequency of trips. On the other hand, the Expansion and Dredging Project, besides representing an improvement in infrastructure, offers new job opportunities for the community.

COMPAS has positively impacted the community through these interventions, including 718 people who have formed and strengthened productive projects and 105 fishermen trained in artisanal fishing. Overall 116 jobs were generated and 24 more are expected to be created during 2020.



# GREEN PORT OPERATIONS IN PORTS AND/OR TERMINALS



PUERTO BAHÍA, COLOMBIA



Puerto Bahía had a large fleet of vehicles for internal operations that generated greenhouse gases, increasing its carbon footprint and the risk of occupational accidents. On the other hand, Puerto Bahía found that due to the lack of waste segregation, costs were increased by not carrying out reuse or recovery actions.

Aware of its impact on the surrounding communities and the sustainability of its operation, Puerto Bahía decided to develop an environmental sustainability program by adopting new practices that would reduce the effect on the environment and stimulate operational growth in a more sustainable way.

The following activities stand out from the program:

- Forest compensation activities: Recover and deliver hectares of mangrove and tropical dry forest to the ecosystem as well as its monitoring and maintenance for five years;
- Monitoring of biodiversity in the neighboring ecosystem Bahía Honda during the last five years;
- Sustainable mobility program: Fleet of 13 bicycles and 2 tricycles, for use in operations and to reduce the carbon footprint. Likewise, four vehicles in the vehicle fleet were decreased annually without affecting the efficiency and performance of Puerto Bahía;
- Post-consumer use of solid waste (batteries, WEEE's and plastics): These activities reduce the impact of sending solid waste to sanitary landfills, as well as reducing the amount of hazardous waste sent for incineration, which means less material negatively impacting the environment;
- Total fortifying with motor vessel containment barriers (ships, barges);

- Quantification of Puerto Bahia's emissions in all its activities according to the methodology established in the "Corporate Accounting and Reporting Standard - GHG Protocol" and the ISO 14064- 1:2006 standard. The foregoing, in order to measure the impact that port operations had on the environment;
- Training of both environmental and administrative staff in biodiversity, environmental and quality issues;
- Certification of officials as internal auditors in ISO 9001:2015, ISO 14001:2015 and OHSAS 18001:2007;
- Socialization of environmental activities for the protection and conservation of natural resources with the ecological groups in its area of influence in order to multiply and transmit knowledge through them

As a result of Puerto Bahia's efforts, 107.5 hectares of mangrove were recovered and delivered to the Cartagena ecosystem. In addition, 65 hectares of tropical dry forest were returned to the ecosystem in the area of direct influence. On the other hand, the sustainable mobility program has prevented over 41.0 tCO<sub>2</sub>eq and generated a decrease in consumption of 327 gallons of diesel per month. In addition, in 2018 there was an overall reduction in emissions of 14.63% compared to 2017.



# DISASTER RISK MANAGEMENT IN PORTS AND/OR TERMINALS



TECON RIO GRANDE,  
BRASIL



Due to the inefficiency in the containment of accidents, such as an oil spill from a ship and a fire in a forklift truck, Tecon Rio Grande identified the need to modify its emergency response structure through a medium and long-term plan. This plan included different steps that strengthened Tecon Rio Grande's structure as well as its presence in the emergency response of its community:

- Scenarios and response patterns: With a multidisciplinary team, scenarios of immediate response to accidents and response patterns were defined for each one of them.
- Training: Tecon Rio Grande trained its own security officials in order to train the rest of the employees in a train-the-trainer effort. In addition, a training plan was created to administer said training by position.
- Vehicles: This step included the rental, purchase and adaptation of vehicles destined for emergencies such as ambulance, fire fighting vehicles, emergency vehicles and chemical emergency vehicle.
- Equipment: Purchase of chemical emergency suits, fire approach, breathing apparatus and other safety equipment.
- Oil Emergency: Expert workers on oil spill emergency are mandatory for oil transfer activities.
- Fleet Tracking: A vehicle tracking system was implemented in order to take precise actions in case of emergencies.
- Drills: 40 drills were carried out with different emergency scenarios.
- Partnerships: Tecon Rio Grande has been part of the City of Rio Grande's Mutual Assistance Plan (PAM-RG) since its foundation and has been in coordination for 5 years.

- Actions that involve the community:

- PAM-RG in Schools: In collaboration with other PAM-RG partner companies, such as Petroleum Refinery Rio Grandense and Bianchini, students and teachers from seven public schools were trained to identify risk situations, fire prevention and how to act in case of fire and emergency. In 2020, seven more public schools are expected to be involved.

- Children's brigade: An initiative that involves employees' children in the company's safety culture by increasing the commitment of its employees.

Due to the successful reorganization of its emergency response structure, Tecon Rio Grande became a point of reference for the southern region of the state of Rio Grande do Sul. At Tecon Rio Grande, the capacity and performance of their workers improved due to the constant updating of techniques, resources and actions for emergency response, as well as through simulations and training. Given its experience, Tecon Rio Grande has been able to deal with numerous external emergency situations such as traffic accidents and fires. On the other hand, every year 130 workers are trained to attend emergency services. A total of 770 children were trained through their community-focused projects, creating a safety awareness in the society



# HONORARY Mentions

## PORT-CITY RELATION

PROCIP, COSTA RICA



## DISASTER RISK MANAGEMENT IN PORTS AND/OR TERMINALS

APN PERÚ



PERÚ

Ministerio  
de Transportes  
y Comunicaciones

Autoridad Portuaria  
Nacional