

# Practical experience: ACO Surface Water Management

Bogotá, Colombia  
2020

## Advantages

- ACO delivered an integral drainage system, to collect, clean, retain and discharge rainwater in a controlled way.
- The system fulfills the regulations of the city of Bogotá regarding SUDS with the obligation to buffer the peak flow.
- All ACO products have been installed within the short time window for execution of the execution of the project.

### Sustainable transformation:

## Electrical bus depot in Bogotá

This is how ACO helped redesign an old scrap yard to a modern e-bus terminal.

The depot is located at Carrera 116 # 19A - 49, a property that formerly functioned as a scrap metal storage area and now became the first depot for Ethe electric buses of Bogotá. The infrastructure and technology of the new depot are designed to be environmentally friendly. The function of the depot is to provide all the services necessary for electric buses to operate, such as parking, recharging, setup, and maintenance. All monitoring activities required to guarantee the permanent availability of the vehicles to provide the public transport service are also carried out at this bus depot.

The depot offers a broad range of distinct functions: there are 120 parking spaces for buses with recharging points, a washing area with a wastewater treatment plant, parking lots and bicycle parking spaces for officials and visitors, environmental management areas, storage areas, and a technology area for the adaptation of the information and communication systems of the buses. One of the great advances of the infrastructure is the design, construction, and electrification of the 56 dual charging points, which allows the simultaneous recharging of more than 100 buses. The various requirements for the surface water management of this area are fulfilled by reliable ACO solutions.



# Drainage solutions along the ACO system chain



## Information at a glance

**Object:** Bogotá E-bus station for the adaptation of the Patio Ufo 4 - Fontibón (Colombia)

**Customer/ Investor:**  
ENEL - Transmilenio SA

**Contractor/ Installer:** MGM

**Planner:** VB Ingenieros

**Year of construction:** 2020

### ACO Product:

- ACO DRAIN® Monoblock
- ACO DRAIN® Qmax NEO
- ACO Oleopass
- ACO Stormbrixx

ACO Ahlmann  
SE & Co. KG

P.O. Box 320  
24755 Rendsburg  
Am Ahlmannkai  
24782 Büdelsdorf  
Germany

Phone +49 4331 354-0

Fax +49 4331 354-223

info@aco-international.com

[www.aco.com](http://www.aco.com)