

Uruguay

TEYMA





## General information

More than 40 years of experience and consolidated capacity

Forestry

More than **25 years** of experience.

**100% mechanized timber harvesting and forwarding services:** more than 4:000.000m3 harvested.

**Energetic biomass supplier for the industry sector**

**Integral log yard operation services:** more than 6:000.000m3 managed per year.

Operation and maintenance

**Asset management:** PV solar plants, wind farms, prision at Punta de Rieles, waste water treatment plants, singular buildings.

Startup, electrical tests and termographies.



Construction

Established in Uruguay **since 1980**.

More than **500 executed projects** in the industrial, electrical, hydraulic and civil areas (550.000 m2 built).

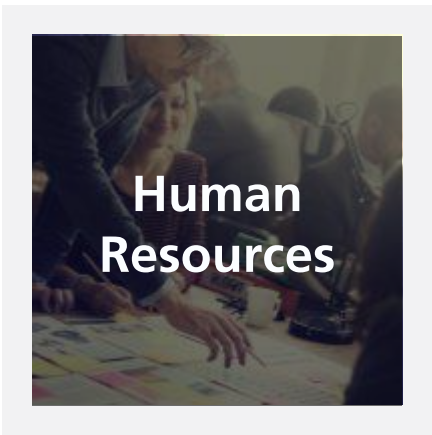
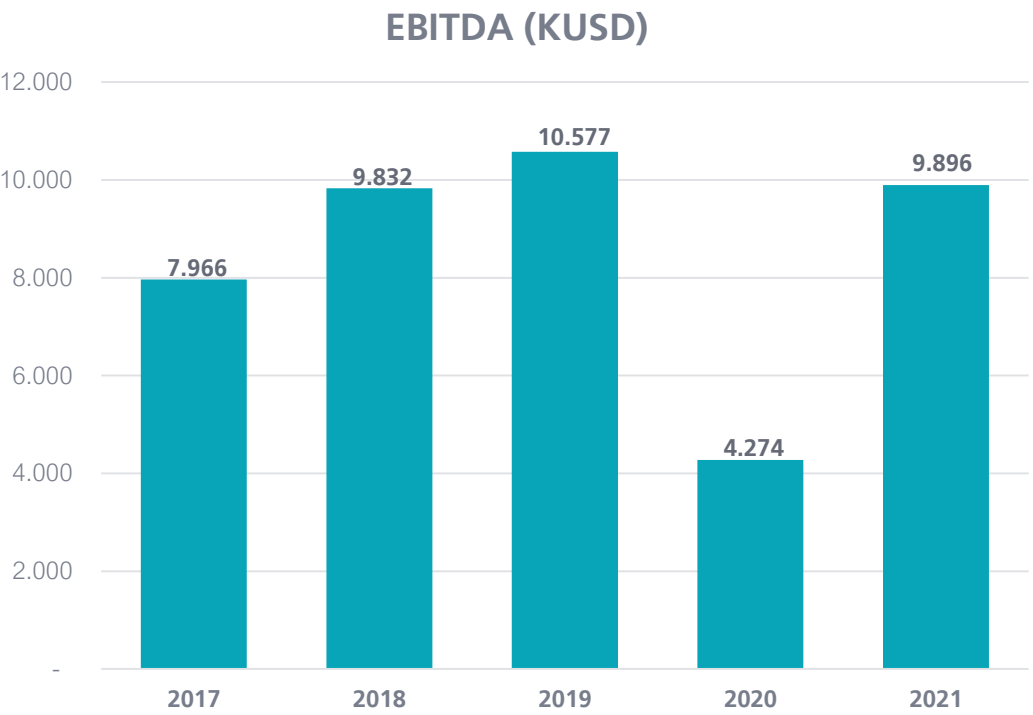
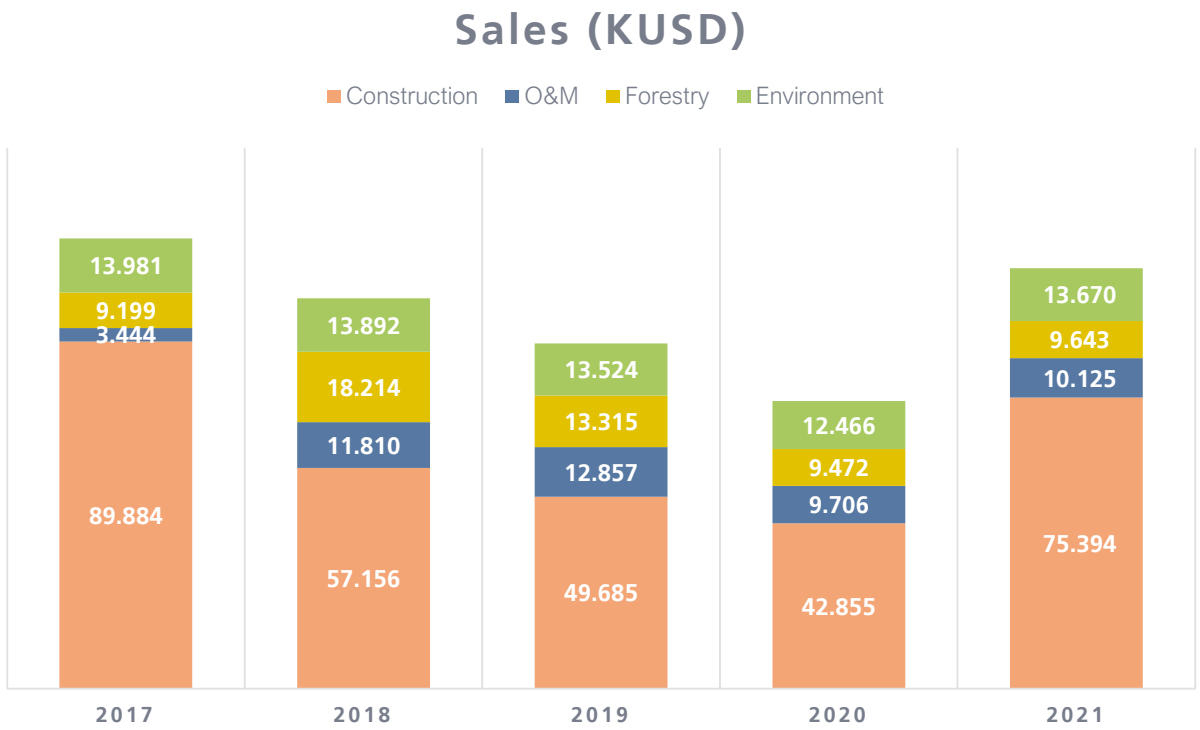
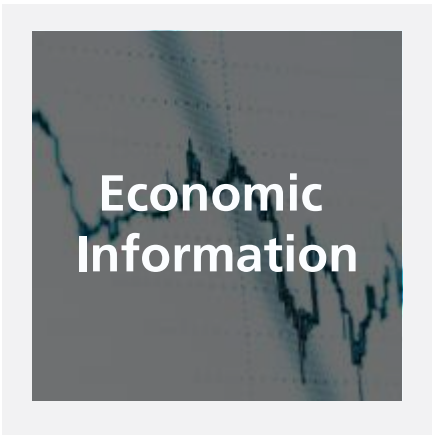
Over **800 million dollars executed** executed in EPC contracts.

Environment

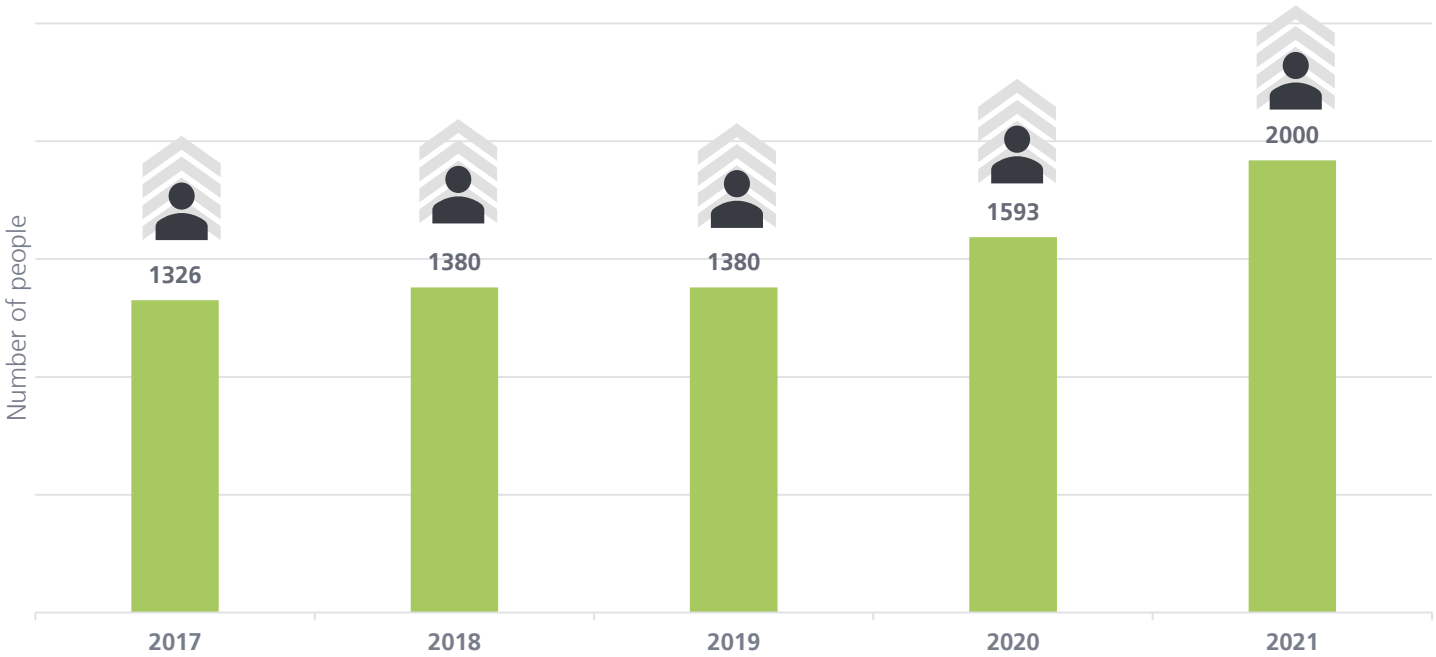
**18 years** providing urban waste management services

Household waste collection and transportation to the final disposal site. Served population: **150.000 residents**.

Sewage network cleaning service. Commercial, industrial and sanitary waste management services.



- Our main capital**
- Total employees: 2.000
  - Technicians: 350
  - Temporary workers: 1.650





## Construction

- More than 550.000 m<sup>2</sup> built
- 25 treatment plants and more than 1.200 Km of installed pipes
- 80 substations and over 1.000 Km of high voltage overhead lines

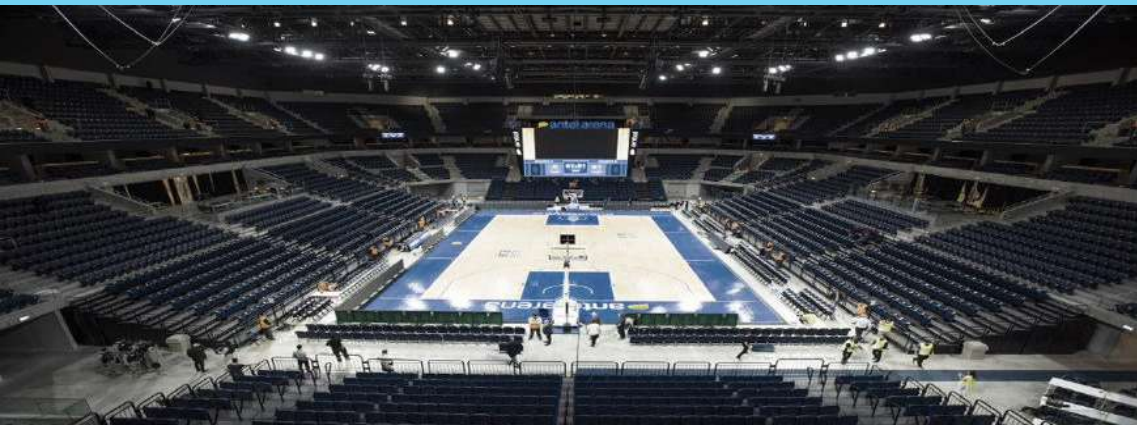




Multifunctional stadium “Antel Arena”

Civil works for the construction of a five story building to house sportive, cultural and social spectacles.

- Client: **Administración Nacional de Telecomunicaciones (Antel)**
- Contract amount: **USD 45 million**
- Finished on **November 2018**



Penitentiary center at Punta de Rieles

EPC of a state-of-the-art penitentiary center, for almost 2.000 inmates, distributed in 25 buildings (First Public Private Partnership project of Uruguay)

- Client: **Ministerio del Interior**
- Contract amount: **USD 100 million**
- Finished on **December 2017**



Fishing boat pier

Engineering and construction of a 1.000 m pier founded over piles, dredging and backfill works, for a minimum mooring capacity of 50 fishing boat.

- Client: **Administración Nacional de Puertos (ANP)**
- Contract amount: **USD 94 million**
- Status: **Under construction**





Civil & Architecture projects



Casmu Hospital

Completion of 4<sup>TH</sup> and 5<sup>th</sup> floors including masonry works, wood carpentry, aluminum carpentry, glasses, painting, thermal conditioning, electrical works, lighting, sanitary and medical gas.

- Client: **Casmu**
- Contract amount: **USD 3,3 million**
- Status: **Under construction**



Army central hospital

Civil works and installations for the construction of a seven story hospital building.

- Client: **Fuerzas Armadas (FF.AA)**
- Contract amount: **USD 13 million**
- Finished on **October 2019**



Oscar Magurno Hospital

Construction of a 26,000 m2 building distributed over 12 levels including 52 hospitalization rooms, infirmaries, environmental hygiene rooms, machinery rooms, a technical terrace and a heliport

- Client: **Asociación Española Primera de Socorros Mutuos**
- Contract amount: **USD 15 millon**
- Status: **Finished**





# Electric projects



## Wind Farms

Installation of two 50MW and one 70MW wind farms, and construction of complementary units for a wide range of services

- Client: **Administración de Usinas y Transmisiones Eléctricas (UTE)**
- Contract amount: **USD 288 million**
- Status: **Finished**



## 500 MW frequency converter station at Melo

Engineering and construction of all civil works, installation of the equipment supplied by Areva, site tests and startup of the 500/525 kV station

- Client: **Areva T&D**
- Contract amount: **USD 27 million**
- Finished on **December 2012**



## High voltage substation in José Ignacio

Engineering and construction of civil works, assembly of equipment and panels, wiring, connections, tests prior to commissioning and start-up service.

- Client: **Administración de Usinas y Transmisiones Eléctricas (UTE)**
- Contract amount: **USD 7,5 million**
- Status: **Under construction**





# Industrial projects



## Pulp mill at Conchillas

Civil Works and electromechanical assembly of the 6 process areas of Montes del Plata pulp mill (Capacity: 1.300.000 ton/year)

- Client: **Botnia**
- Contract amount: **USD 30 million**
- Finished on **2007**

## Cement plant at Minas

Civil works, electromechanical installations, instrumentation and control for the modernization and expansion of the plant (1.000 tons / day)

- Client: **Administración Nacional de Combustibles, Alcohol y Portland (Ancap)**
- Contract amount: **USD 52 million**
- Finished on **October 2015**

## Cement plant at Paysandú

Civil works and installation of the equipment for the clinker oven fuel changing, water treatment plant and complementary works.

- Client: **Administración Nacional de Combustibles, Alcohol y Portland (Ancap)**
- Contract amount: **USD 36 million**
- Finished on **October 2014**





## Hidraulic projects



### Construction and Sewage, 3B Zone, Ciudad de la Costa.

Construction of a sewage network, replacement of drinking water lines, construction of two pumping systems and replacement of the existing pavement in the intervened area.

- Client: **Administración de las Obras Sanitarias del Estado (OSE)**
- Contract amount: **USD 12 millones**
- Status: **Under construction**



### Water supply pipeline

EPC of a water supply pipeline and auxiliary works to improve the metropolitan area potable water supply

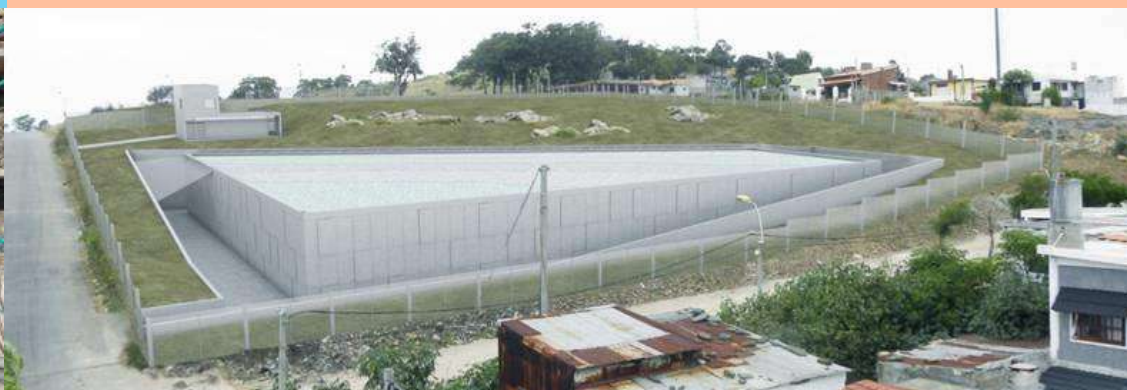
- Client: **Administración de las Obras Sanitarias del Estado (OSE)**
- Contract amount: **USD 48 million.**
- Finished on **August 2012**



### Potable water plant at Aguas Corrientes

Civil Works and electromechanical assembly for the rehabilitation and extensión of "Aguas Corrientes" potable water treatment plant.

- Client: **Administración de las Obras Sanitarias del Estado (OSE)**
- Contract amount: **USD 8 million**
- Status: **Finished**







## Environment

- 18 years of uninterrupted Waste Management





## Collection, transport and management of household and production waste

- Waste destined for final disposal.
- recyclable waste
- special waste

## Cleaning and Maintenance of the Sewer Network

- Cleaning and unclogging of public sanitation networks with High Vacuum equipment ( $> 685 \text{ mm Hg} - 90\%$ ) and high pressure water (300 bar at 170 liters / minutes).
- Use of combined high vacuum and high pressure trucks, dredge trucks and stationary equipment equipped with lances and pointers for different jobs, positive displacement pumps, 3-lobe vacuum pumps.

## Disinfection service for public spaces

- Disinfection service for public spaces in response to the national health emergency situation in the framework of the COVID-19 pandemic
- Desinfección de espacios públicos y uso recurrente por parte de la población.
  - equipo
  - camiones con sistema de presurización de agua
  - Adición de desinfectantes autorizados por la autoridad sanitaria.







## Urban Cleaning Service – Sweeping, Cleaning and Washing of Urban Markets

- Sweeping of the public space destined for the development of the urban market
- Bagging and waste management
- Pressure washing of the entire area where the urban market was developed



## Integral cleaning of Singular Buildings

- Integral cleaning service for all internal areas open to the public: waiting rooms, departure lounges, SSHH, patios and external circulations.
- Cleaning of offices, productive areas and services
- Disinfection of high circulation areas of the public and offices.



## Maintenance of green areas

- Maintenance of green areas in parking areas and public access and circulation
- Periodic grass cutting.
- Maintenance and care of plant specimens.







## Collection and treatment of hazardous waste

Collection and treatment of waste to be managed as hazardous waste.

- Differentiated and traceable containerization system
- Collection in trucks and specialized vehicles
- Waste treatment.
- Treatment Waste Management

## Integral Management of Civil Works Waste (ROC)

- Integral cleaning service for all internal areas: offices, SSHH, dining rooms, work and meeting rooms, patios and external circulations.
- Cleaning of operational offices, production and service areas
- Disinfection of areas with high circulation of personnel and offices.
- Maintenance of green areas in parking, access and public circulation areas

## Industrial Waste Sanitary Landfill Operation

Integral operation and maintenance of Sanitary Landfills for Hazardous and Non-Hazardous Industrial Waste

- Registry and control of waste to be eliminated.
- Definition of advance plan.
- Compaction and daily coverage of waste.
- People registry and access control.
- Implementation of the Environmental Monitoring and Control Plan
- Occupational Health and Safety Management.







## Operation and maintenance

- Asset management: photovoltaic solar plants, wind farms, effluent treatment plants, unique buildings.
- Commissioning of facilities.
- Electrical tests and thermographs..



# Operation and maintenance



## Wind farms.

- Integral operation and maintenance service of the Turbines.
- O&M electrical substation service and internal network and roads.
- 24/7 response service.
- PE Peralta – 50 MW
- PE Talas de Maciel II – 50 MW
- PE Luz de Rio – 50 MW
- PE Luz de Loma – 21 MW
- PE Luz de Mar – 18 MW
- PE Carapé I y II – 90 MW

## Photovoltaic solar plants

- Integral operation and maintenance service.
- O&M service for panels, electrical network, roads and vegetation.
- 24/7 response service
- Raditon – 9,47 MWp
- Menafrá Solar – 25,7 MWp
- Arapey Solar – 12,85 MWp
- Petilcoran – 11,29 MWp
- Fenima – 11,29 MWp
- Dicano – 13,71 MWp

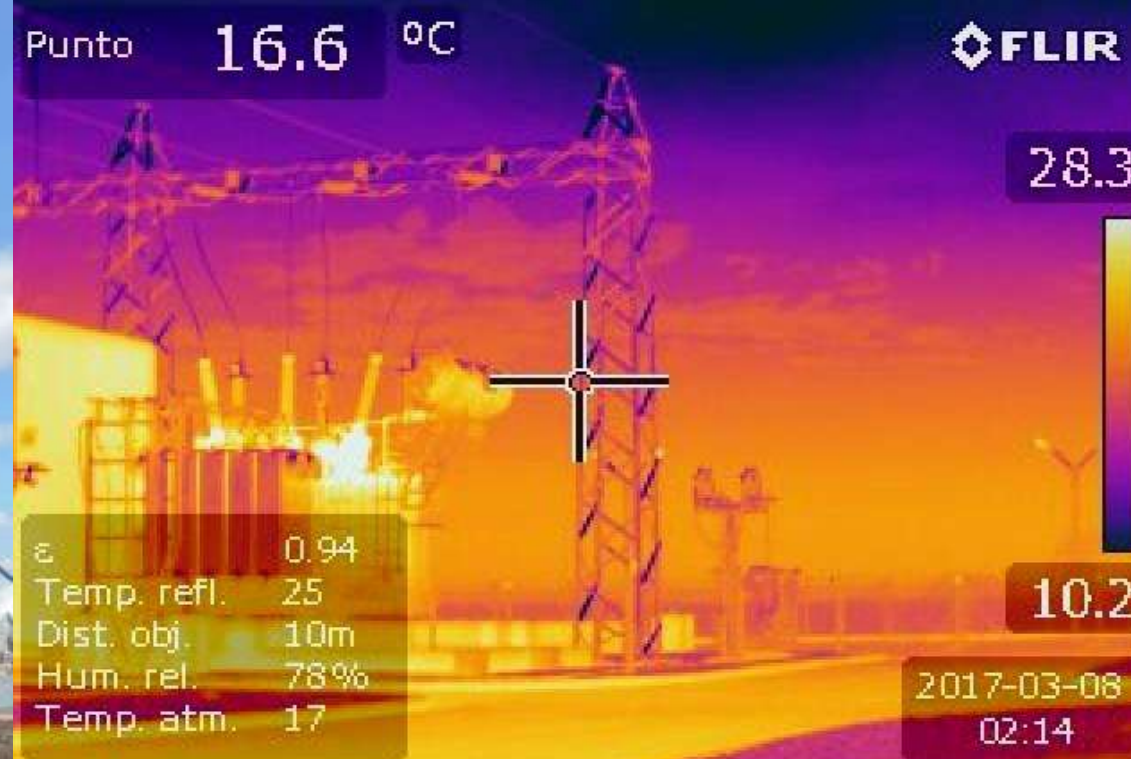
## Unique Buildings

- Unique buildings integral management ensuring service levels.
- Maintenance of civil, electromechanical infrastructure and technological systems.
- Cleaning service, waste management and pest control.
- Management of food services and industrial laundry.





## Operation and maintenance



## Electromechanical maintenance

- Maintenance service for substations, electrical networks and installations.
- UTE distribution network maintenance
- Maintenance of MT and AT substations up to 150 kV for public and private clients
- Electrical maintenance of grain storage plants – Cargill
- Maintenance of trains Level Crossings in the metropolitan area for AFE

## Electrical tests

- Preventive and corrective maintenance service in substations and various electrical installations
- Commissioning and start-up services
- Electrical testing services
- Electrical testing service in power infrastructure
- Transformers
- Protections
- Wires

## Wastewater treatment and sanitation plant.

- O&M of effluent treatment plants and maintenance service of sewage networks
- Contracts with OSE and IM
- Operation activities, preventive and corrective maintenance

### Aceguá Treatment Plant

- O&M Aceguá wastewater treatment plant for OSE

### Sewage maintenance

- Maintenance of sewage collectors for the Municipality of Montevideo







## Forestry

- More than 4:000.000m<sup>3</sup> harvested
- Energetic biomass supplier
- More than MUSD 20 invested, and more than 6:000.000m<sup>3</sup> managed per year





## 100% mechanized wood harvesting and extraction

- Cut standing timber, tailored, with last generation equipment such as Harvester and Feller Buncher.
- Extraction with Forwarder of the cut wood up to the edge of the road, arranged in piles.

## Operation of wood storage yards

- Through our subsidiary STF Logística the operation of the storage esplanades is carried out in M'Bopicuá and Punta Pereira.
- Main tasks: unloading of trucks, loading and unloading of barges, stockpile management, and chipper feeding of the industrial plant.

## Biomass supply for energy

- Through our subsidiary GESA, chips (wood chips) are supplied for power generation for industries.
- This includes all the stages of the process: arrival of rolls at the chipping plant, handling of roll stock, chipping and supply of chips to the industry







**Tú  
Primero**  
Comprometidos  
con la **seguridad** y **salud**

Thank you

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

**TEYMA**