



INSTITUTO
ÁGUA E TERRA

CONSÓRCIO
SAMBAQUI

GRUPO
ACQUAPLAN

DTA

GOVERNANCE

GEPLAN   **PROSUL**



Samar
Iluminação e Engenharia Ltda.

LEADER



THE INSTITUTO ÁGUA E TERRA (IAT), AN ENVIRONMENTAL AGENCY LINKED TO THE STATE SECRETARIAT FOR SUSTAINABLE DEVELOPMENT AND TOURISM, WAS CREATED FROM THE MERGER OF OTHER STATE AGENCIES THAT PREVIOUSLY DEALT WITH ENVIRONMENTAL MANAGEMENT, WATER RESOURCES, AND GEOLOGY IN THE STATE OF PARANÁ, SUCH AS THE ENVIRONMENTAL INSTITUTE OF PARANÁ (IAP), THE WATER INSTITUTE OF PARANÁ (AGUASPARANÁ), AND THE LAND, CARTOGRAPHY, AND GEOLOGY INSTITUTE OF PARANÁ (ITCG).

ITS PRIMARY MISSION IS TO PROMOTE THE MANAGEMENT, PROTECTION, AND SUSTAINABLE USE OF NATURAL RESOURCES, ENSURING ENVIRONMENTAL CONSERVATION, SUSTAINABLE DEVELOPMENT, AND THE IMPROVEMENT OF THE QUALITY OF LIFE IN THE STATE. THE IAT HAS A RANGE OF RESPONSIBILITIES, INCLUDING THE MANAGEMENT OF WATER RESOURCES, BIODIVERSITY CONSERVATION, POLLUTION CONTROL, WASTE MANAGEMENT, ENVIRONMENTAL REGULATION AND SUPERVISION, AMONG OTHER ACTIVITIES RELATED TO THE ENVIRONMENT AND THE SUSTAINABLE USE OF NATURAL RESOURCES.

THE LEADER RESPONSIBLE FOR CONDUCTING AND COORDINATING SUSTAINABILITY INITIATIVES IS THE IAT. IT IS TASKED WITH ESTABLISHING THE VISION AND GOALS RELATED TO SUSTAINABILITY AND ENSURING THAT THESE OBJECTIVES ARE INTEGRATED INTO ALL THE ORGANIZATION'S OPERATIONS AND DECISIONS.

ETHICAL MANAGEMENT



SEEKING TRANSPARENCY AND PROPER MANAGEMENT OF RESOURCES, THE **INSTITUTO ÁGUA E TERRA (IAT)** CONDUCTED THREE INDEPENDENT PROCESSES FOR THE COMPOSITION OF THE TEAMS INVOLVED IN CARRYING OUT THE WORKS. THE FIRST PROCESS RESULTED IN THE HIRING OF A CONSORTIUM OF COMPANIES, CALLED SAMBAQUI, RESPONSIBLE FOR THE EXECUTION OF HYDRAULIC LANDFILL AND INFRASTRUCTURE WORKS.



THROUGH A SECOND PROCESS, THE SUPERVISORY CONSORTIUM, NAMED **GEPLAN/PROSUL**, WAS SELECTED. ITS OBJECTIVE WAS TO OVERSEE THE QUALITY OF THE PRODUCTS DELIVERED BY THE EXECUTING CONSORTIUM, AS WELL AS TO INDEPENDENTLY AUDIT THE PHYSICAL AND FINANCIAL FLOW INVOLVED IN THE EXECUTION OF THE WORKS, WITH THE AIM OF AVOIDING RESOURCE WASTE.

PARALLEL TO THE HIRING OF THE EXECUTING CONSORTIUM, THE **DTA/AQUAPLAN** CONSORTIUM WAS SELECTED, RESPONSIBLE FOR IMPLEMENTING ENVIRONMENTAL PROGRAMS DEVELOPED IN COLLABORATION WITH THE COMMUNITY, PUBLIC AUTHORITIES, AND THE PRIVATE SECTOR. ADDITIONALLY, THIS CONSORTIUM WAS RESPONSIBLE FOR APPLYING SOCIAL PROGRAMS AIMED AT POSITIVELY IMPACTING THE LOCAL COMMUNITY.



WITH THE INDEPENDENT HIRING PROCESS, THE IAT WAS ABLE TO ENSURE AUTONOMY AND INDEPENDENCE AMONG THE CONTROL, MANAGEMENT, AND SUPERVISION COMMITTEES. IN THIS WAY, THE PROPER USE OF FINANCIAL RESOURCES AND EXCELLENCE IN THE IMPLEMENTATION OF ENVIRONMENTAL, SOCIAL, AND DEVELOPMENT PROGRAMS WERE GUARANTEED.

COMMUNICATION AND TRANSPARENCY

AS IDENTIFIED THROUGH MEETINGS WITH THE COMMUNITY, BUSINESSES, AND PUBLIC AUTHORITIES, ONE OF THE MOST RECURRING SOCIETAL CONCERNS WAS RELATED TO COMMUNICATION AND TRANSPARENCY OF THE INFORMATION CONVEYED.

WITH THIS IN MIND, AN INFORMATION DIGITIZATION PROGRAM WAS DEVELOPED, WHERE ALL PROGRESS RELATED TO ACHIEVING THE GOALS SET WITH THE COMMUNITY WAS MADE AVAILABLE ONLINE.

IN ADDITION TO THESE ACTIONS, THE WORKS, AUDITS, AND VARIOUS DIALOGUES BETWEEN PUBLIC AUTHORITIES AND THE INDEPENDENT SUPERVISION AND EXECUTION TEAMS WERE EXTENSIVELY COVERED AND PUBLICIZED BY THE PROJECT LEADER.

THE SIGNIFICANT VISIBILITY BROUGHT TO THIS TRANSFORMATION ON THE COAST OF PARANÁ BROUGHT THE COMMUNITY CLOSER. AS A RESULT, THERE WERE NUMEROUS POPULAR DEMANDS THAT COULD BE DIRECTLY ADDRESSED TO THE EXECUTORS, MATERIALIZING IN THE FORM OF EASIER ACCESS TO THE BEACH, ADJUSTMENTS AND ACCESSIBILITY FOR PEOPLE WITH DISABILITIES, AS WELL AS SCIENTIFIC PRODUCTION ARISING FROM NGO ACTIVITIES.



SUSTAINABILITY

COMMITTEE

A SUSTAINABILITY COMMITTEE CAN BE FORMED BY REPRESENTATIVES FROM EACH AREA OF THE ORGANIZATION, INCLUDING THE IAT ENTREPRENEUR, THE WORKS EXECUTOR SAMBAQUI, THE ENVIRONMENTAL SUPERVISOR DTA/AQUAPLAN, AND THE MANAGER GEPLAN. THIS COMMITTEE MEETS REGULARLY TO DISCUSS STRATEGIES, MONITOR PROGRESS TOWARDS SUSTAINABILITY GOALS, AND MAKE RECOMMENDATIONS FOR IMPROVEMENTS.

THE MEMBERS OF A SUSTAINABILITY COMMITTEE TYPICALLY INCLUDE REPRESENTATIVES FROM DIFFERENT DEPARTMENTS OR AREAS OF THE ORGANIZATION, ENSURING AN INTEGRATED AND COMPREHENSIVE APPROACH. THE ROLES AND RESPONSIBILITIES OF A SUSTAINABILITY COMMITTEE MAY INCLUDE:

- **POLICY DEVELOPMENT:** CREATE SUSTAINABILITY POLICIES THAT ALIGN THE COMPANY'S OPERATIONS WITH ENVIRONMENTALLY RESPONSIBLE, SOCIALLY JUST, AND ECONOMICALLY VIABLE PRACTICES.
- **STRATEGIC PLANNING:** INTEGRATE SUSTAINABILITY INTO THE ORGANIZATION'S STRATEGIC PLANNING, ENSURING THAT SUSTAINABILITY GOALS ARE INCORPORATED AT ALL LEVELS OF THE COMPANY.
- **AWARENESS PROMOTION:** EDUCATE AND ENGAGE EMPLOYEES IN SUSTAINABLE PRACTICES, PROMOTING AN ORGANIZATIONAL CULTURE THAT VALUES SUSTAINABILITY.
- **MONITORING AND REPORTING:** TRACK THE ORGANIZATION'S PERFORMANCE AGAINST ESTABLISHED SUSTAINABILITY GOALS AND REPORT PROGRESS INTERNALLY AND EXTERNALLY THROUGH SUSTAINABILITY REPORTS OR ANNUAL REPORTS.
- **RISK AND OPPORTUNITY MANAGEMENT:** IDENTIFY SUSTAINABILITY-RELATED RISKS AND OPPORTUNITIES THAT MAY AFFECT THE ORGANIZATION AND PROPOSE MEASURES TO MITIGATE RISKS AND CAPITALIZE ON OPPORTUNITIES.
- **INNOVATION FOR SUSTAINABILITY:** ENCOURAGE INNOVATIONS IN PRODUCTS, SERVICES, AND PROCESSES THAT CONTRIBUTE TO ENVIRONMENTAL, ECONOMIC, AND SOCIAL SUSTAINABILITY.

EXECUTOR

INITIALLY, THE EXECUTOR IS RESPONSIBLE FOR THE DETAILED PLANNING AND ORGANIZATION OF THE PROJECT, DEVELOPING PRECISE SCHEDULES, EFFICIENTLY ALLOCATING RESOURCES, AND ESTABLISHING CLEAR EXECUTION STRATEGIES. THIS INVOLVES NOT ONLY MANAGING MATERIALS AND EQUIPMENT BUT ALSO COORDINATING DIVERSE WORK TEAMS, INCLUDING LABORERS, SUBCONTRACTORS, AND PROFESSIONALS SUCH AS ENGINEERS AND ARCHITECTS, ENSURING EFFECTIVE COMMUNICATION AMONG ALL PARTIES INVOLVED.

THIS ROLE WOULD FOCUS ON THE PRACTICAL IMPLEMENTATION OF SUSTAINABILITY INITIATIVES DURING THE EXECUTION OF THE WORKS. THEY WOULD BE RESPONSIBLE FOR ENSURING THAT ENVIRONMENTALLY RESPONSIBLE PRACTICES ARE FOLLOWED THROUGHOUT THE CONSTRUCTION PROCESS.



ENVIRONMENTAL SUPERVISOR

GRUPO
ACQUAPLAN
DTA

THE ENVIRONMENTAL SUPERVISOR IS RESPONSIBLE FOR MONITORING AND ENSURING COMPLIANCE WITH ENVIRONMENTAL REGULATIONS, AS WELL AS IDENTIFYING OPPORTUNITIES TO IMPROVE THE SUSTAINABILITY OF OPERATIONS. THEY MAY ALSO BE INVOLVED IN ASSESSING ENVIRONMENTAL IMPACTS AND DEVELOPING MITIGATION PLANS.

MANAGER



GEPLAN

A CONSTRUCTION MANAGER IS A SPECIALIZED COMPANY OR TEAM RESPONSIBLE FOR PLANNING, COORDINATING, AND SUPERVISING ALL STAGES OF A CONSTRUCTION PROJECT, FROM ITS INCEPTION TO COMPLETION. THE ROLE OF THE CONSTRUCTION MANAGER INVOLVES ENSURING THAT THE PROJECT IS CARRIED OUT AS PLANNED, RESPECTING DEADLINES, ESTIMATED COSTS, DESIRED QUALITY, AND APPLICABLE STANDARDS, INCLUDING THOSE RELATED TO SAFETY AND THE ENVIRONMENT. THE CONSTRUCTION MANAGER ACTS AS AN INTERMEDIARY BETWEEN THE CLIENT (PROJECT OWNER) AND THE VARIOUS PROFESSIONALS AND COMPANIES INVOLVED IN THE CONSTRUCTION, SUCH AS ARCHITECTS, ENGINEERS, CONTRACTORS, AND SUPPLIERS.

THE MANAGEMENT COMPANY **GEPLAN** PLAYS A ROLE IN OVERSEEING AND COORDINATING OVERALL ACTIVITIES RELATED TO SUSTAINABILITY, PROVIDING ADMINISTRATIVE SUPPORT, RESOURCES, AND EXPERTISE TO ENSURE THAT SUSTAINABILITY INITIATIVES ARE EFFECTIVELY IMPLEMENTED THROUGHOUT THE ORGANIZATION.