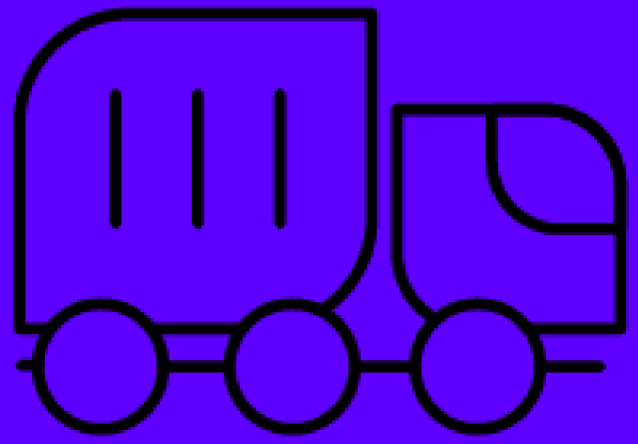
apolux

Soluciones circulares

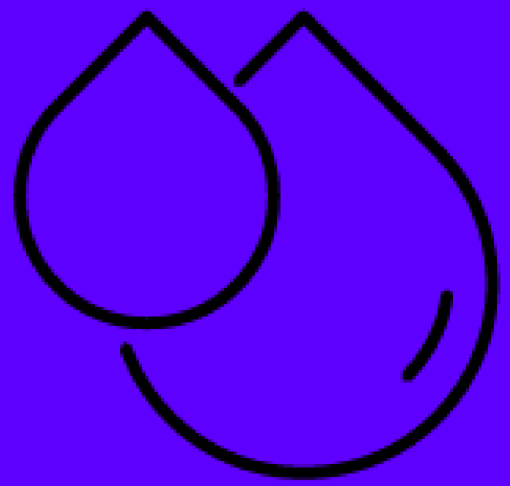

apolux
Franchises for Environmental Management

At DPOLUX, we understand that true sustainability goes beyond environmental care. It also involves social inclusion and economic development for local communities and operating companies.

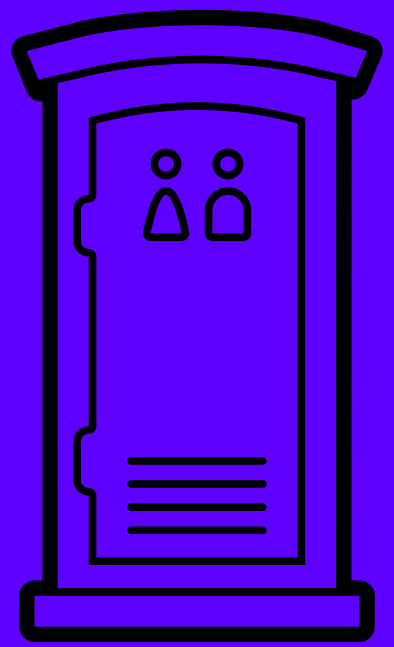
Business Solutions



Zero Waste Integrated Management



Water and Effluent Management



Portable Toilet Cleaning

Zero Waste Integrated Management

We design and implement solutions to reduce, recycle, and recover waste, aiming to avoid final disposal and move toward sustainable and circular operations.

We have high-tech equipment for on-site treatment and volume reduction, promoting sustainable and circular operations.

Organic Waste

Wood

Cables

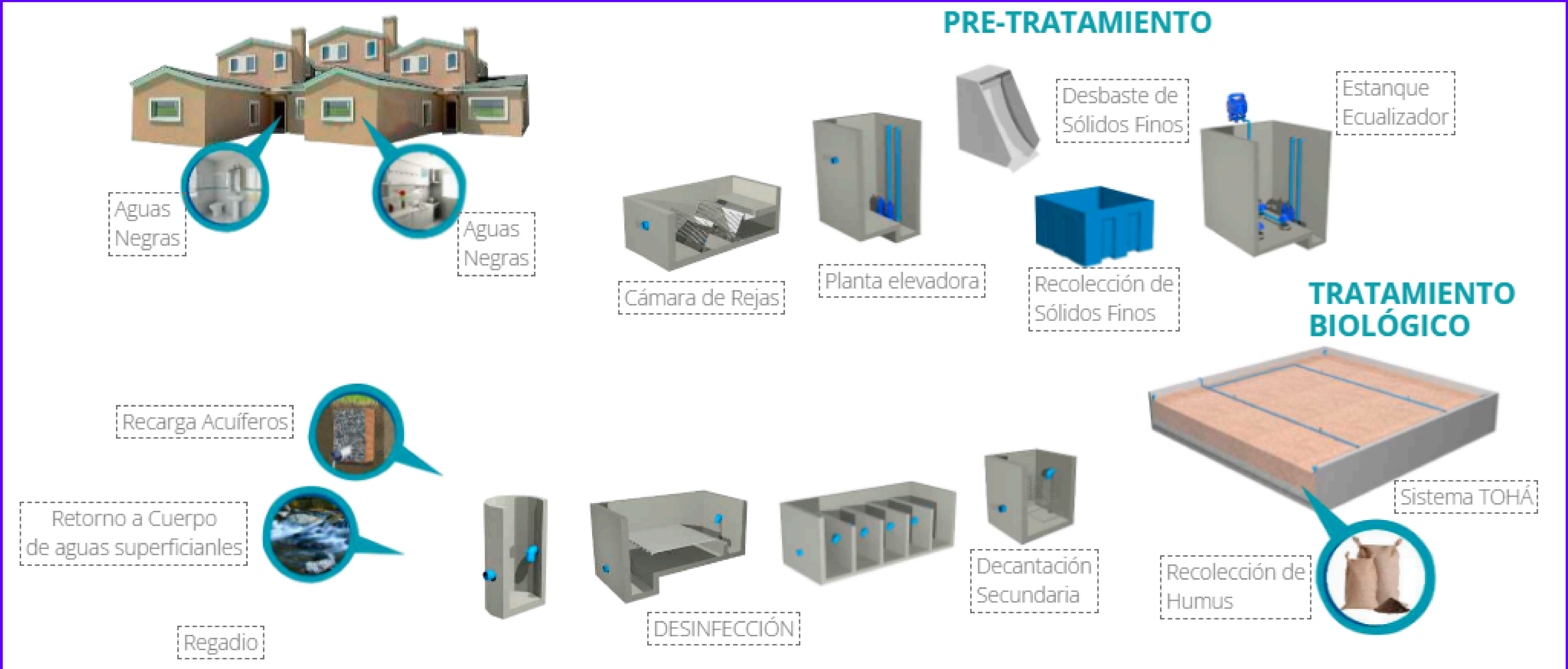
Cardboard and Plastics

Effluent and Water Management

We design and implement ecological 'TOHA' treatment solutions for industrial effluents and waste water.

The TOHA system with worm filter treats greywater using a biofilter with Californian earthworms that degrade organic matter. The treated water can be reused for irrigation or other non-potable purposes.

how does it work??



TOHA System Benefits

- Does not produce sludge like traditional systems
- Does not generate odors
- Low investment and operating costs
- Modular and expandable system
- High percentage of organic matter removal
- Produces humus (organic fertilizer)
- Complies with discharge standards for irrigation, infiltration, and surface watercourses

Portable Toilet Cleaning

We provide cleaning and maintenance of portable toilets using biodegradable chemicals that do not harm the environment, ensuring hygienic spaces, longer-lasting odor control, and high-quality, durable, and comfortable portable toilets.

Business Model

1	EQUIPMENT	BOX TRUCKS, TANK TRUCKS, COMPACTING EQUIPMENT, CRUSHING EQUIPMENT, AND SUCTION EQUIPMENT
2	PEOPLE	SKILLED LABOR: 40% DPOLUX - 60% COMMUNITY UNSKILLED LABOR: 100% COMMUNITY
3	MANAGEMENT	STANDARDS AND PROCEDURES FOR EACH LINE OF BUSINESS, INTEGRATED MANAGEMENT SYSTEM FOR QUALITY, SAFETY, AND THE ENVIRONMENT
4	ADMINISTRATION	EXPERIENCE IN MINING CONTRACT MANAGEMENT: MANAGEMENT AND ASSISTANT MANAGEMENT.
5	FINANCING	FINANCING ALTERNATIVES: RENTING AND DIRECT FINANCING.

Equipment and vehicles

People

DPOLUX will be responsible for providing advisory, training, and support in the process of formalizing the Community Waste Management Company at the Mining Unit

1. planning
2. commitment
3. regulatory compliance

By following these steps, the community can develop a sustainable business that contributes both to environmental protection and to local economic development

Management:

Standards and procedures for each business line. Integrated Management System in Quality, Safety, and Environment. Support for implementation and certification of the Integrated Management System of community companies. Focus on Occupational Health & Safety, Quality and Environmental Care.

Administration:

Our team's expertise is key—we provide advice to community companies on proper administrative management, including:

- Financial management and cash flow - Accounting
- Payment statements
- Human resources management
- Process and cost optimization

Financing

- Micro Renting: diferentes empresas alquilan equipos a la comunidad.
- Financiación aval: el mandante (empresa minera) avala un préstame de compra.
- Financiación Renting: convenios con empresas de renting.

Micro renting

A short-term leasing model that allows companies and individuals to access equipment, machinery, or vehicles without the need for a large upfront investment.

Process:

1. Identify equipment or machinery need
2. Search for micro-renting providers
3. Evaluate options (costs, terms, conditions)
4. Select provider and sign contract
5. Receive and use equipment during the agreed period
6. Maintain and comply with contract conditions
7. Contract ends (option to renew or return)

Guaranteed Financing

Guaranteed financing is a mechanism where a financial entity (usually a bank or financial institution) grants a loan or credit line to a company or individual backed by a guarantor.

The guarantor may be the mining company, ensuring payment in case the community company
cannot meet its obligations.

Process:

1. Identify financing need
2. Search for financial entity and guarantor
3. Evaluate guarantor requirements and conditions
4. Submit credit application with guarantor
5. Analysis andapproval by financial institution
6. Loan disbursement and use of funds
7. Payments made according to contract
8. End of financing (or refinancing if necessary)