

Underground works



An international Group



Located on 4 continents and in dozen countries, with more than 7,000 employees, the networks and infrastructure specialist



More than 100 years of SADE

- With experience, thanks to its renowned technical expertise and know-how
- With enthusiasm, embodying the strength and energy of a community built on shared values



Integrated engineering

- Triple expertise in hydraulics, civil engineering and water treatment, adapted to the most demanding requirements
- Engineers to steer all major multi-disciplinary design and build projects







- BIM Infrastructures to showcase the company's expertise
- A range of methods to adapt to all project requirements







Water

Drinking water

Boreholes and water catchments, metering, pipelines and connections, hydraulic facilities, pumping stations, treatment plants: process and services

Wastewater treatment

> Pipelines, effluent containment, hydraulic facilities, wastewater treatment plants, dry dock areas, lifting stations

Specific networks

Industrial water, fire, process water, irrigation, watering and catchment, offshore sewerage outfall





Entrepreneur in environmental transformation



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Energy

NETWORKS

Electricity

- > Transport networks
- Distribution networks
- > Hydroelectric power

Gas

- > Transport networks
- Distribution networks

District heating

- > Networks
- > Sub-stations

Renewable energy

- > Heat recovery in wastewater networks
- Wind turbines
- > Photovoltaic systems
- > Geothermal & ocean thermal energy





Developer of the energy transition



Civil engineering

INFRASTRUCTURE

Civil engineering water works

 Reservoirs and tanks, lifting and pumping stations, wastewater treatment plants and technical rooms, box and pipe culverts

Engineering structures

Bridges and ducts, gangways, locks, docks, embankments

Containment / Waterproofing

Waterproofing, geomembranes

Roads & Utilities

 Curbs, flagging and paving, transfer and delivery areas, trenches and gutters, asphalting and asphalt

Wind turbine bases

Soil surveys, earthworks, special foundations, reinforcement, grouting, backfilling









A partner for new mobilities



Underground works

INFRASTRUCTURE

Specific works

- > Galleries
- > Tunnels
- > Microtunnels
- > Access and ventilation shafts
- > Collectors
- > Outfalls
- > Buried facilities

Supporting structures

- > Soldier pile walls
- > Sheet piles
- > Waterproof screens
- > Connectable tubes
- > Gahions







Stealth worksite design



For local authorities

- Extend your network lifespan
- Wastewater heat recovery
- > Treat and recycle wastewater
- > Water stress needs
- > Build heat networks

For industrialists

- > Bring your sites into environmental compliance
- Reinforce fire safety
- > Secure site supply
- > Preserve the environment via water treatment & recycling
- > Build sustainable networks & infrastructures

For major infrastructures

- > Support new mobilities
- > Helping you to manage energy transistion
- > Helping you to plan for stealth worksites
- Roll out post-Fukushima projects
- Prepare for transport facility developments

DESIGN

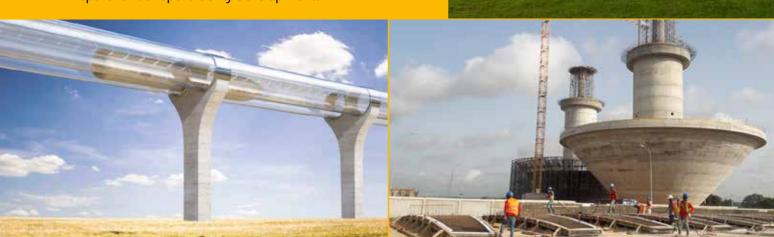
BUILDING

REHABILITATION

MAINTENANCE

BRINGING INTO **COMPLIANCE**







SADE, responsible company, is strongly committed to CSR



















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