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SERRALHARIA E CONSTRUÇÕES



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Water Borehole Drilling

Serralharia e Construções Nasser, Lda (SCN) drills water boreholes for a range of purposes, including systems with Afridev handpumps, water supply systems, irrigation and other applications.

SCN carries out drilling with diameters between 6" and 12", using state-of-the-art drilling equipment capable of reaching depths of up to 200 metres, as successfully proven in projects in the central region of the country.

We have 4 complete drilling teams, made up of professionals in geophysical prospecting, drilling, pumping tests and other specialised services, ensuring solutions tailored to the hydrogeological conditions of each site.

Throughout its history, SCN has drilled more than 900 water boreholes in the provinces of Nampula, Niassa, Cabo Delgado, Zambézia, Sofala and Manica, contributing directly to sustainable access to safe drinking water and to community development.











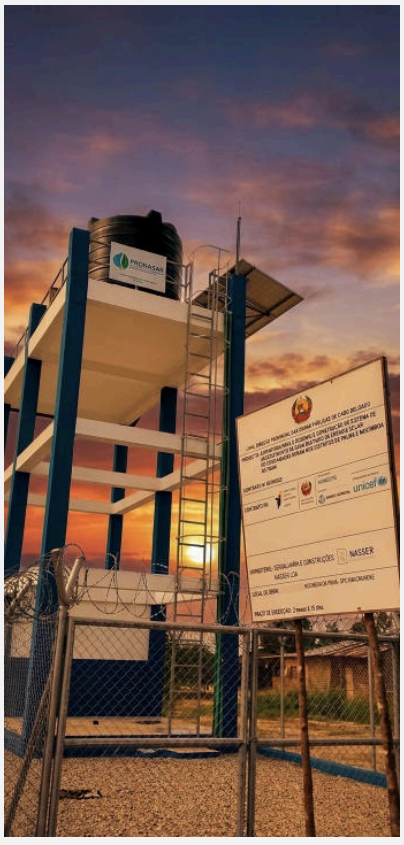
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Water Supply Systems: Construction of Reinforced-Concrete and Metal Towers, Distribution Networks and Management Houses for Water Supply Systems.

Serralharia e Construções Nasser, Lda (SCN) builds reinforced-concrete towers and galvanised metal towers, integrated into complete water supply systems for rural villages, municipalities, communities and health centres.



These structures are designed to support elevated reservoirs, ensuring efficient and safe water distribution and a continuous supply even in hard-to-reach areas.



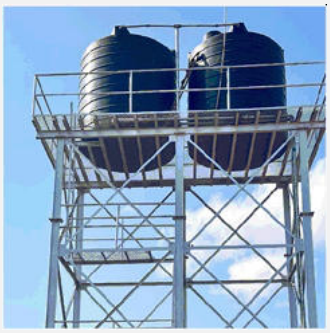


SCN adapts each solution to local conditions and to the specific needs of each project, contributing to improved access to safe drinking water and to the sustainable development of communities.



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Grid-Powered Water Supply Systems

SCN provides reliable water supply solutions in locations connected to the electricity grid, integrating submersible pumps, reservoirs, management houses and distribution networks. Where necessary, transformer substations are installed, as well as low- and medium-voltage power lines, to ensure a stable and safe power supply to the system.








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Water Supply Systems Powered by Photovoltaic (Solar) Energy



Serralharia e Construções Nasser, Lda (SCN) implements water supply systems powered by solar photovoltaic energy, offering sustainable and efficient solutions for rural communities, villages and health centres.

These systems include pumps, hydromechanical equipment and solar panels that ensure a continuous supply of safe drinking water.

In some projects, the solar panels are integrated at the top of the towers, optimising space and increasing solar-capture efficiency. Each solution is adapted to local conditions and to the specific needs of the project, promoting community development and the use of renewable energy.











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Complementary WASH Works

Since 2021, SCN has worked in 98 health centres to improve water supply and sanitation infrastructure in the provinces of Nampula, Zambézia and Sofala.

The works include the construction and rehabilitation of maternity-ward toilets - contributing directly to reducing mortality rates - as well as toilets for technical staff and outpatients, and solid-waste treatment systems. This is further complemented by the integrated execution of water boreholes, towers and complete water supply systems.

Each intervention aims to improve the health, hygiene and quality of life of the beneficiary communities.










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Road Infrastructure

Our operational capacity in action.

We take control of every phase of the works, combining our fleet of heavy machinery with teams on the ground. From the initial earthworks and careful ground preparation through to final levelling and the application of the final asphalt layer, we work to deliver safe, durable and high-quality roads.







Road Infrastructure

Construction and rehabilitation of paved roads, including earthworks, execution of granular sub-base and base, drainage systems (ditches and hydraulic culverts) and application of bituminous surfacing.

Works carried out with technical rigour, focused on the durability and performance of the infrastructure.







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Clients & Partners

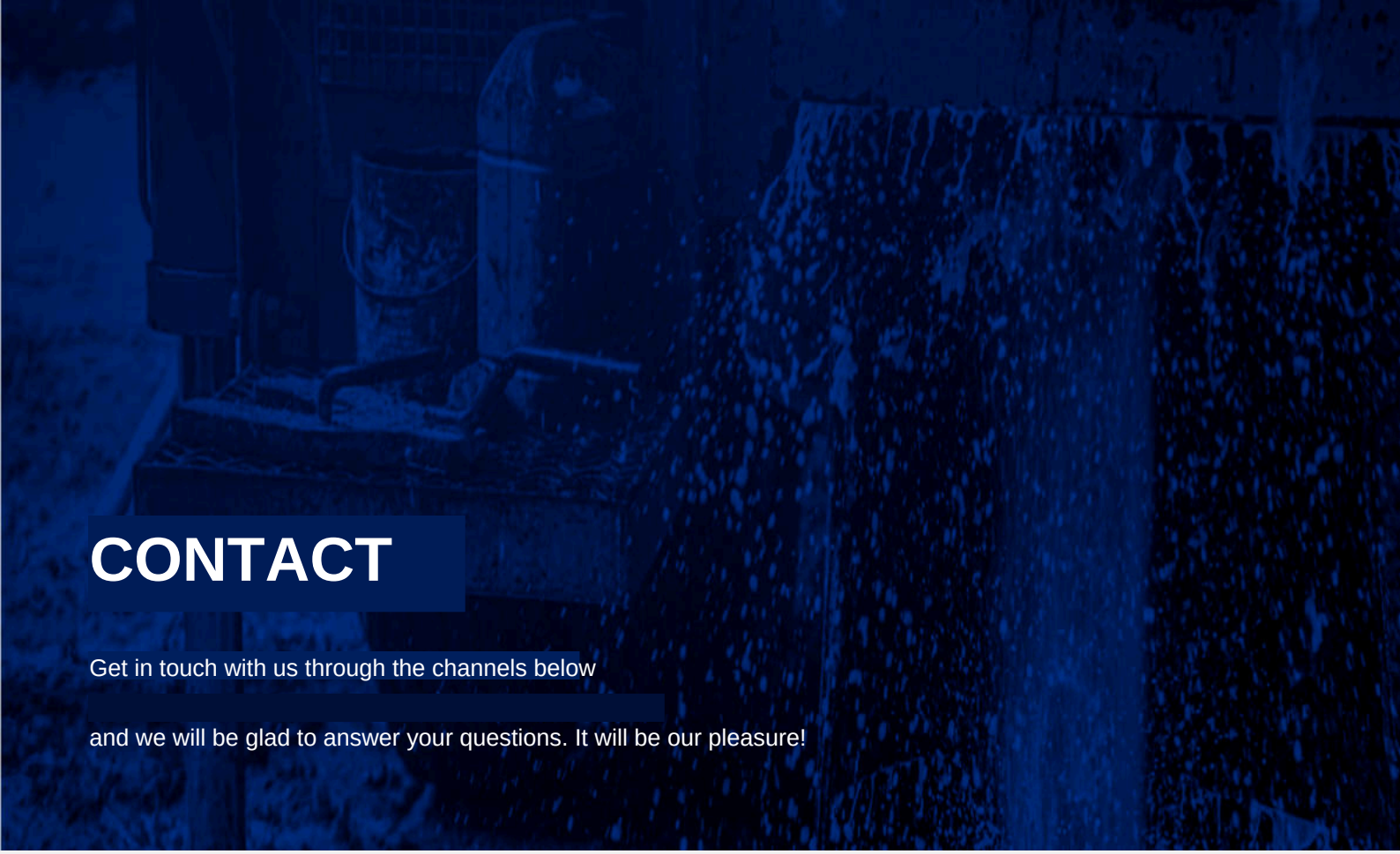
Over the years, Serralharia e Construções Nasser, Lda (SCN) has collaborated with a wide range of clients and partners, including public, private and international organisations.

Our partners include funders and entities that entrust projects to us directly, or that promote new opportunities through their support and referral.

Each partnership reinforces our commitment to quality, sustainability and the development of the communities where we operate.



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CONTACT

Get in touch with us through the channels below

and we will be glad to answer your questions. It will be our pleasure!

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