

COMPANY PROFILE

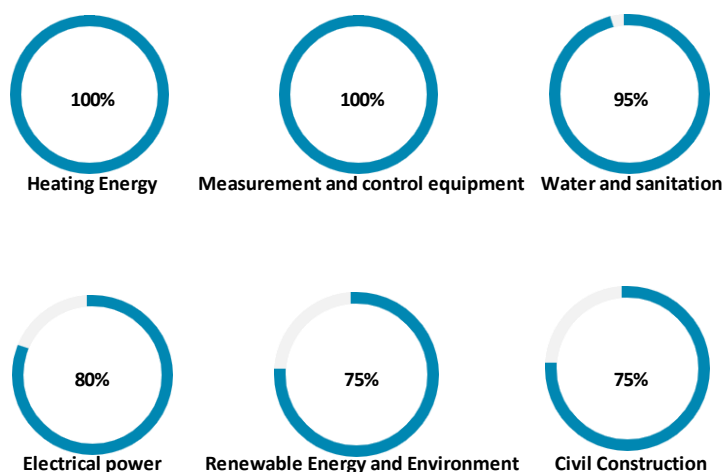
Techno Test S.R.L. - Engineering and construction company

The company was established in 1997 in Chisinau, Republic of Moldova. Now we are one of the most experienced local companies in energy, water and sanitation, industry, renewable energy and the environment sectors.

Engaged in the entire field of possible energy projects, our services range from preliminary studies to plant commissioning and operation. Our role may vary from a technical expert/advisor to a solution or concept architect or to Owner’s Engineer or General Construction Manager, serving all main phases from pre-investment studies via implementation to the operational phase of a project.

Techno Test S.R.L offers large variety of services and products in measurement instrumentation, services and solutions for industrial process engineering. Our company supports its customers to optimize their process of engineering procedures while taking into consideration reliability, safety, economic efficiency and environmental protection.

Company Profile:



Our Methodology

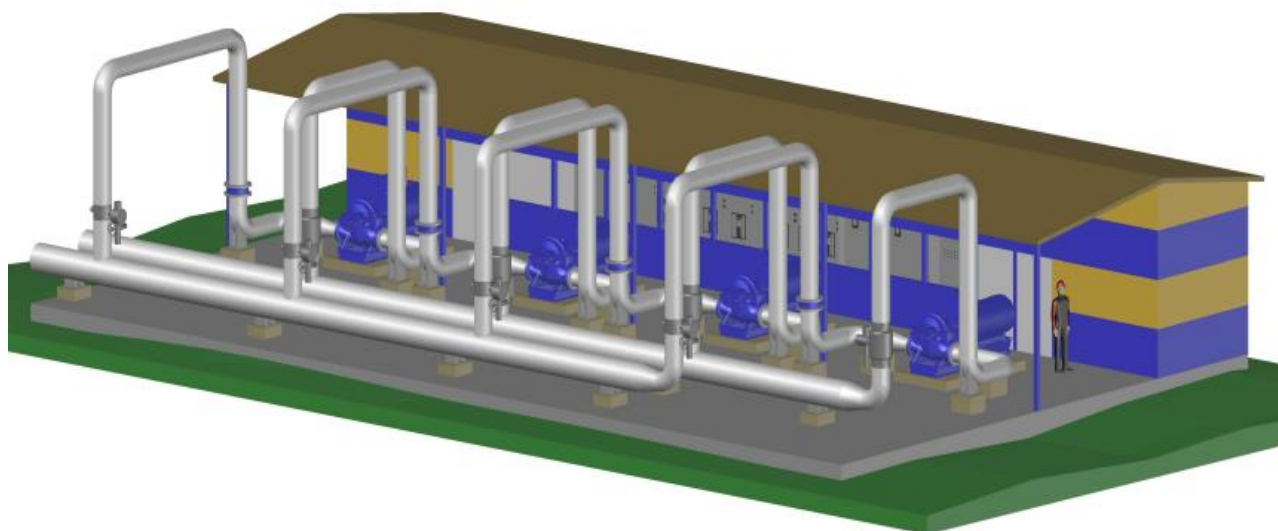
Engaged in the entire field of possible energy projects, our services range from preliminary studies to plant commissioning and operation. Our role as a consultant may vary from a technical expert/advisor to a solution or concept architect, or to Owner’s Engineer and Construction Manager, serving all main

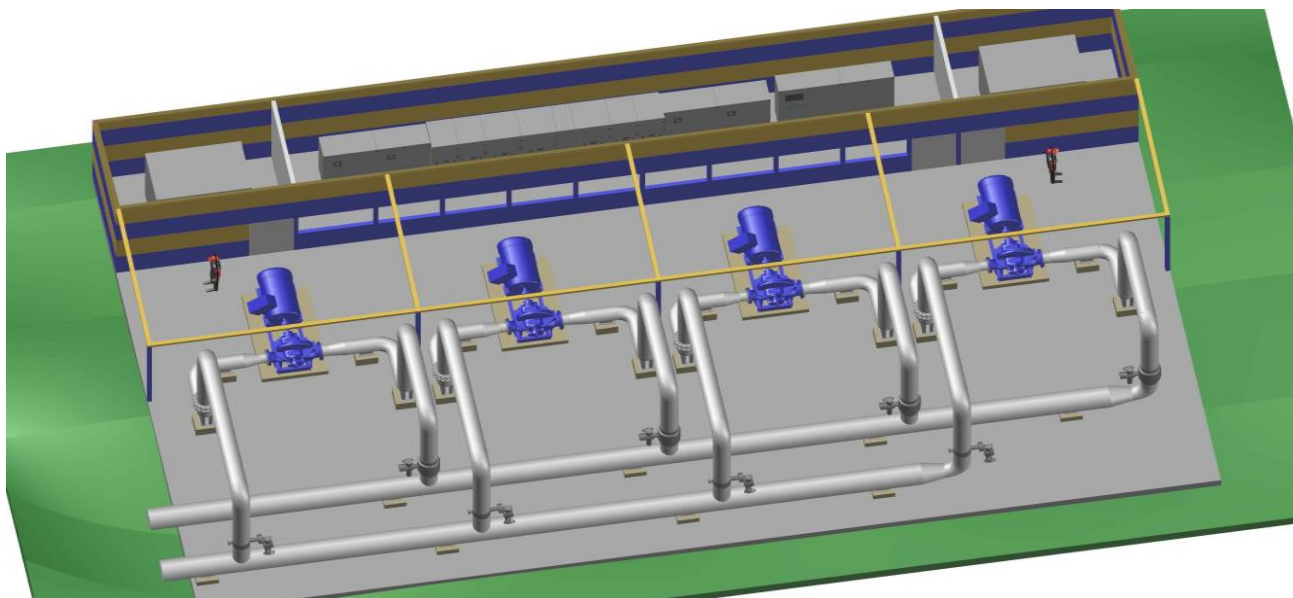
phases from pre-investment studies via implementation to the operational phase of a project.

We are informed about the individual requirements of the various groups of our customers. Beside the traditional personal sales and consultancy which is provided by many application engineers, we have introduced several more dedicated business models for a tailor made support for our clients.

Techno Test offers a complete set of services to design, engineer, install, commission and maintain a network solution, taking overall performance of the project.

OUR VISION – We engineer, design and construct.





Our Customers

We serve customers from various industries and fields. Our activities and clients are oriented to energy producing and distribution companies, manufacturers of dairy industry, chemical industry, Wine and Beer Industry, Water and Sanitation, Sugar Industry, Cement Industry, etc., but we are always ready to serve customers from other industries and fields with appropriate instrumentation and staff.

We are working with both private and state owned companies.

The majority of the projects and customers we were involved are local based, but there is an extending tendency of collaborations with international donors (World Bank, UNDP, GIZ, EBRD, etc.), companies with foreign investments and others.

Our Team - Over 22 years in Industry!

What makes us successful is our Team lead by a passionate engineer, Mr. Gheorghe BURDILA.

The team is structured in five departments:

- Technical Department
- Development Department
- Finance Department
- Business administration Department
- Designing company Tehno Consulting& Design S.R.L.

This structure is adapted in case of complex projects, when our company goes to matrix structure.

The projected structure provides us competitive advantages against competitors, fast response to new opportunities and optimal resource allocation.

Our company permanent leading staff are about 8 managers, other 8 engineers and economists and up to 20 various workers (electricians, welders, plumbers, technical supervisors, etc.). Still, in our projects, we grow our team up to 50 employees and in some cases even more.

Systematic initial and continuing training, strategic career planning and targeted support for employees – these are the key cornerstones of our human resources policy, no matter what position you are in. As an employer, we are keen for each and every one of our employees to think and act beyond his or her area of specialization. We offer targeted continuing training opportunities and interesting career perspectives.

Our Partners

Techno Test is local distributor of following world-known producers in the areas as mentioned above and particularly:

- ▶ [Kamstrup \(Denmark\)](#) – Smart metering solutions in water and Heat Energy
- ▶ [Endress+Hauser \(Switzerland\)](#) – measurement instrumentation, automation solutions and services
- ▶ [SWEP \(Sweden\)](#) – world’s leading suppliers of brazed plate heat exchangers (BPHEs) and

related products and services

- ▶ [Fimer Spa](#) - manufacturer of inverters for solar systems
- ▶ [Huawei FusionSolar](#) - Huawei offers the Huawei Smart Logger for monitoring photovoltaic systems.
- ▶ [KACO new energy](#) - Inverters for solar PV plants, battery storage and more energy efficiency
- ▶ [KSB \(Germany\)](#) – pumping equipment and valves
- ▶ [Vexve \(Finland\)](#) – a provider of valve solutions for the heating and cooling needs of cities and industry.
- ▶ [Samson \(Germany\)](#) – measurement and control technologies and produces regulators, control valves, and electro-pneumatic transducers, control valves for HVAC systems – controllers and sensors for HVAC systems
- ▶ [Genebre \(Spain\)](#) – fluid valves design, production and sales, both for the construction (water and heating) and industrial sectors
- ▶ [B-Meters \(Italy\)](#) – over 20 years of water meters manufacturing
- ▶ [Robert Bosch \(Germany\)](#) – Steam Boiler, Heating Boiler and CHP System Solutions

CONSULTING SERVICES include:

- Project management
- Procurement
- Feasibility studies
- Business development consultancy
- Energy audit
- Analysis of project impact on the environment and society
- Impact management plans
- Capacity building.

DESIGN AND TECHNICAL EXPERTISE include:

- Design of water & sewerage networks
- Design of heating networks
- Design of drinking water treatment plants
- Design of wastewater treatment plants

- Design of Individual Heating Substations (IHS)
- Design of central heating plants
- Design of pumping stations
- Design of industrial buildings

PRODUCTION, CONSTRUCTION and related WORKS include:

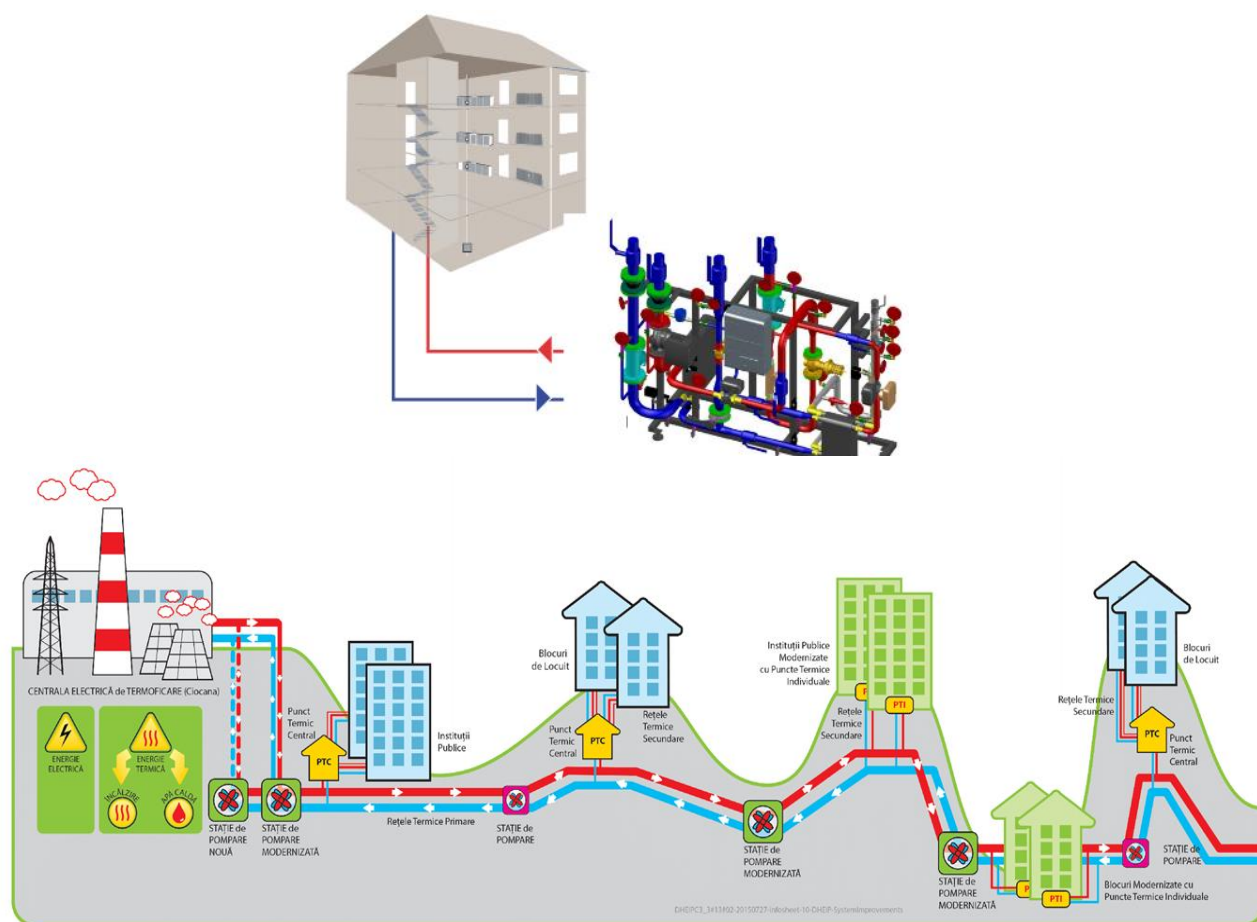
- Production of Individual Heating Substations;
- Construction of District Heating systems and Networks;
- Supply and installation of complex measuring systems;
- Design and installation of photovoltaic systems and solar panels;
- Design, assembly and supply of complex automation and control systems, SCADA systems;
- Construction of pumping stations, hydraulic control systems, etc.;
- Design, assembly and commissioning of power systems, design and retrofit of existing power cells, frequency converters, etc.

Design and installation of photovoltaic systems and solar panels

As the implementation of clean and affordable renewable energy is becoming more sustainable and progressive, from 2020 Techno Test SRL started implementation of the projects with installation of photovoltaic systems (PV) and solar panels (SP). Photovoltaic systems give individuals/enterprises the ability to become self-sustaining and to control the cost of their electricity - PV systems also teach a fundamental lesson of local production and consumption.

Manufacturing Individual Heating Substations

Starting from 2013, Techno Test have launched the production facility of Individual Heat Substations. At the moment, the company is renting over 800 m² for production activity and over 400 m² of warehouse areas. The permanent team of various workers (electricians, welders, plumbers, etc) consists of about 20 people.



New Heat Distribution system

Starting from 2017 Techno Test have launched together with Heat Production and distribution companies in Republic of Moldova the promotion and implementation of new Horizontal Heat Distribution systems and tap water system.

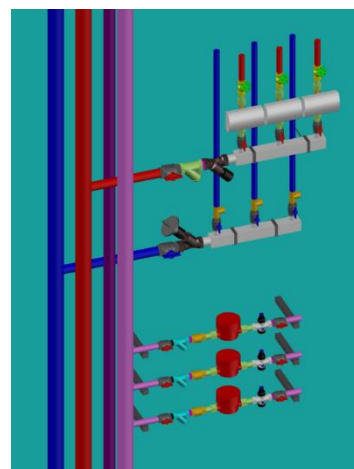
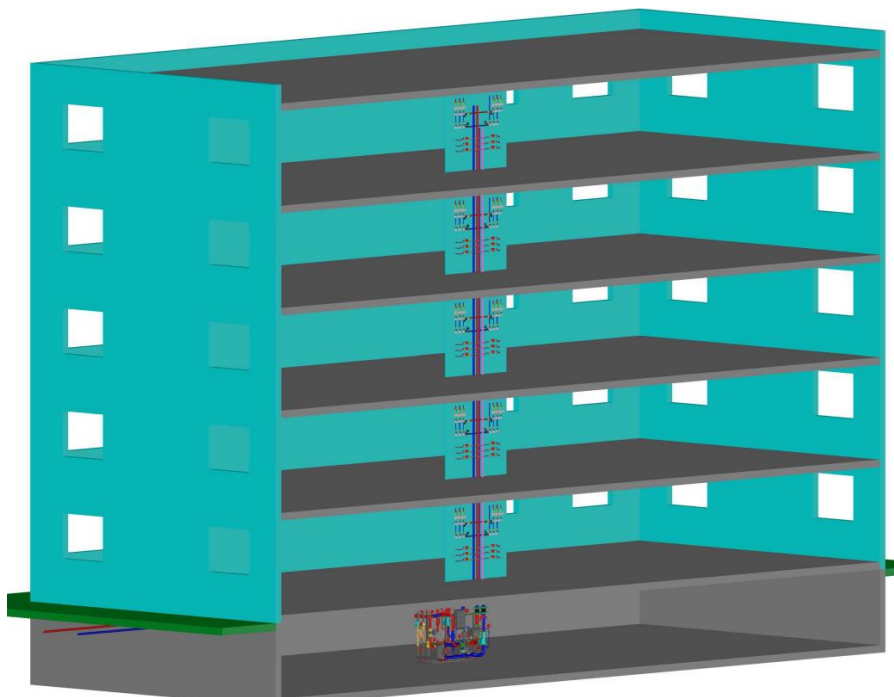
The particularity of the new system is that each consumer will have their own heat and water meters, could regulate independently the heat consumption, start the heating earlier instead of waiting for some official decisions.

Thus, our company have been contracted to execute the design, supply of equipment and execution of works for 25 new blocks in Chisinau and Balti cities.

The solutions developed by our company became a local standard for the rehabilitation of the energy inefficient buildings including submetering solution for the heat and water distribution.

Our company have implemented various projects financed and implemented by GIZ, World Bank, EBRD, Termoelectrica S.A., CET-Nord S.A., Ministry of Construction of Republic of Moldova, UNDP, etc.

We continuously develop our performance to match our customers' needs. Our solutions contribute to better living and working conditions for people and to the sustainable development of our society.



Metering systems

Techno Test have launched the company from 1997 as a new supplier of metering systems. Thus, our experience in this domain is considerable and some data/projects are presented below:

- Supply (and installation) of app. 500 heat meters and over 10000 water meters yearly. Our partners are Kamstrup A/S and B-Meters s.r.l (Italy).
- In 2018-2019 Techno Test S.R.L. have supplied to the Heat distribution utility water meters for hot water to be installed in about 1500 block of flats of the Chisinau Municipality. The meters were included in a walk by reading system.
- In 2013 Techno Test S.R.L. have worked with a local water utility relating the problem of 35% losses in metering the data of the water meters. Thus, our companies supplied and installed a water metering system of 1000 ultrasonic meters that lead to diminishing of losses below 1% at installed district.
- Supply of energy monitoring system for local Hospital in Orhei city. The system was designed to integrate in a single fixed radio mesh data reading electricity, heat and water meters.
- Our company have supplied and installed in 2017-2019 heat metering system for power plant MOLD GRES. The metering system include electromagnetic flowmeters, temperature sensors and controllers that are counting the heat to be supplied from the power plant to the heat distribution networks of the city (up to DN 400).

- Our company have also executed the design and installation of complex metering systems for wastewater at Coca Cola plants, Efes Vitanta beer plant, Sandrilliona ice-cream plant and now we are at the designing plant for the metering system of the Chisinau Power Plant.
- Our company provided a metering and SCADA reading software for water system in Leova city. The system is based to register water supply and using SCADA to identify the leakages of the potable water.
- Our company have also supplied and installed electromagnetic flowmeters for irrigation systems (3 systems up to DN 400).

Our company have supplied equipment and performed a part of the works related to the metering system of the interconnection Gaz Pipeline Romania – Moldova.

