

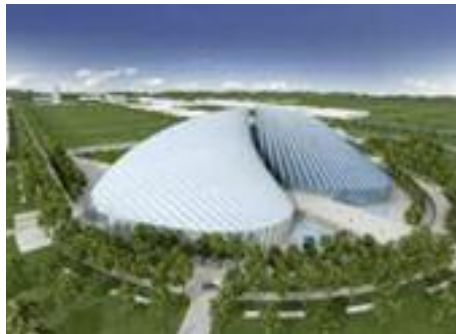
Eco-conscious living comfort



There is more to it than the name suggests, differently from the latin maxim 'In nomine homo'. With 50 years of diversification behind it, CLIMATER S.r.l. offers a complete scope of design engineering, professional advice, installation and maintenance services.



Museum
'Le macchine e gli dei', Rome



Città dello sport, Rome



Commercial Centre in Milan



Residential park Colle Smeraldo – an ambitious refurbishment project that achieved significant energy savings while preserving the beauty of the historical buildings and the surrounding nature

Nowadays its expertise ranges from heating installation, sanitary fittings, waterworks, air-conditioning systems, renewable sources plants and, in the field of counselling, to energy management. The Italian family business actually advises public and private house owners on how to optimise energy and water consumptions and how to improve the environment comfort.

CLIMATER has carved out its niche in the HVAC market: "We always focus on finding solutions for difficult projects," states Dr. Rotilio Torelli, founder and senior manager. These solutions can be as diverse as air-conditioning systems for libraries and museums with very strict requirements for air quality, in order to preserve the integrity of the works (picture 1); installations for hospitals, for example in radiotherapy or in intensive care unit where the right treatment and purity of air are essential for the patients' and workers' health; installation for commercial centre, special building category in which, the environment variables that must be regulated can quickly change, according to the variation of crowding index (picture 2); for printing centre of national newspapers in which the plants must work permanently, without any out of order; moreover installations for Universities, for Laboratories, for offices, industrial sites and homes.

One of the major challenges faced by the Italian firm was the participation at the Calatrava's project in

Rome named 'Città dello Sport'; Climater is realizing a particular installation of the piping system into the structural arches. (picture 3) Another important project is Colle Smeraldo (picture 4) whose Climater is the general contractor for the realization of a residential park located near Frascati on one of the picturesque Castelli Romani hill-towns to the south-east of Rome.

The difficult task for Climater is to improve the ecological balance of the buildings while preserving the unique architecture and the harmony with the surrounding nature. Another challenge about the Colle Smeraldo project is to enhance the living comfort for the residents without compromising on the environment, these are some of the cornerstones of the Climater philosophy: using solar technology for electricity and warm water, recovering rain water for the irrigation of the gardens, installing high efficiency machine and low temperature systems, utilizing exclusively natural local materials with Ecolabel mark and supplier provided with environmental compatibility certification, designing in the 'cradle to cradle' perspective, making a good use of the natural sources.

An important result is to increase the energy efficiency to Class A levels of 28 kWh/m². This resulted in major energy savings of over 70% as compared to conventional Class G buildings. Next step is building energy self efficient, fossil fuels free, with

90% index of recyclability and reusability of every element. CLIMATER enjoys an excellent reputation in the market. Many contracts come from word-of-mouth referrals by satisfied clients. The company is well known for its flexibility, innovative spirit, and the good quality of the jobs done. Its current standing is the result of five decades of continuous diversification – from classical sanitary installation back in 1960 to heating and air-conditioning with more and more electronics involved, to professional advice. CLIMATER also offers the maintenance of its own or other suppliers' installations "to see problems and avoid them," explains Dr. Torelli. The next logical step was to move into energy consulting, in order to

offer a complete know how on the field of low emission and consumption buildings, renewable sources plants, high efficient air conditioning systems, according with the different international kind of certification standard (such as Casaclima, Leed, Passivehaus, EnergyStar). With this perspective, Climater very soon is becoming LEED partner. "We always keep our eyes open, always ready to seize opportunities as they arise," says Tiziana Torelli, one of the three Torelli siblings who are now getting ready to take over the helm from their father. Slow and organic growth without outsourcing to subcontractors is the strategy. After all, the second family generation has a reputation of excellence to maintain. ■

CLIMATER S.r.l.

Circ.ne Tuscolana, 30
00174 Roma

Italy

Phone: +39 06 7100147

Fax: +39 06 71075623

tizzi@climater.it

www.climater.it