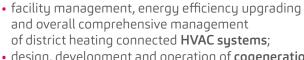


We implement the latest technologies and reduce emissions by focusing on the efficient management of systems and infrastructures.

Our services:

• production, distribution and supply of heat via district heating;





2.287_{GWh}

OF DISTRIBUTED HEAT

25.465

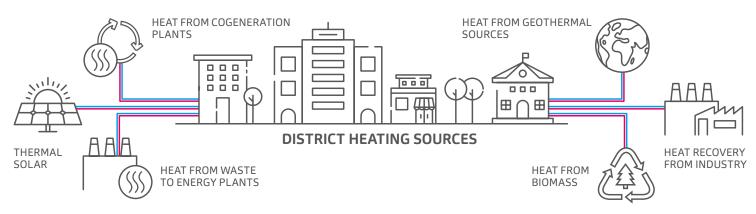
SERVED BUILDINGS

DISTRICT HEATING

An integrated energy system that uses regional resources, using the heat produced in renewable energy plants and cogeneration plants as well as heat recovered from industrial processes or Waste-to-Energy plants, mainly produced in in Brescia (Lamarmora power plant and Brescia Waste-to-Energy plant), Bergamo (Goltara and Carnovali)

and Milan (Tecnocity, Famagosta, Sesto San Giovanni, Cassano d'Adda and Silla 2). Water is heated by the energy produced or recovered, to then be distributed to apartments through a network of insulated steel pipes, equipped with a 24 hour monitoring system for fault detection and localization.

District heating is an **innovative**, **reliable** and **efficient** way of heating our homes while also being environmentally friendly.







Implementing district heating means substituting traditional boilers with heat exchangers. So it's possibile to transfer heat from water to the building's internal heat distribution system to warm up rooms and produce hot water for sanitary use.

DISTRICT HEATING BENEFITS



CONVENIENT

System maintenance is both simpler and cheaper



SAFE

There are no risks associated bad combustion or open flames



COMFORTABLE

There's no time limit of use, according to the law



SUSTAINABLE

It reduces CO₂ emissions and improves the quality of air

11352:2014 for the supply of energy services.

It is also certified ISO 14001:2015 and EMAS toattest the company's environmental awareness and attention to citizens' well-being, ISO 9001:2015 for the quality management system ("effective and efficient" processes), BS OHSAS 18001:2007 to guarantee employee health and safety.





HEAT MANAGEMENT

We are experts in the management of HVAC systems in public and private buildings that are connected to the district heating network.

Our service includes the technological overhaul of such systems and their adjustment to relevant normative standards. We carry out energy diagnosis to establish what technical and financial solution is best from a **safety**, **cost**, **performance and environmental perspective**.

An efficient management of systems improves energy performances, cost savings as well as better air quality.

The installation of the latest systems and technologies leads to a **more efficient use of energy**, hence guaranteeing lower costs. The total **savings** obtained throughout the life of a contract are used to finance installation and maintenance, at no extra cost for the client.

THE ADVANTAGES OF EFFICIENT MANAGEMENT



CONVENIENT

Lower general costs



INNOVATIVE

Technological upgrade and system compliance



PERFORMANCE

Improved energy and environmental performance



PROFITABLE

Increase in property



Today A2A Calore e Servizi is the Italian leader in district heating. For over 40 years we have been designing and developing heating production and distribution in Milan, Brescia and Bergamo. Thanks to our experience and expertise in the field, we attend to the specific needs of each client by upgrading and comprehensively managing innovative heating systems, therefore ensuring the highest levels of efficiency as well as financial and environmental sustainability. A2A Calore e Servizi is a member of AIRU, Euroheat & Power and the DHC -Technology Platform.



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HEAT PRODUCTION



1.167 MWt TOTAL PLANT CAPACITY



516MWt

OF COGENERATION
CAPACITY

A2A district heating: a success story in Brescia, Milano and Bergamo



With a **672** kilometre network connected to **21.313** buildings, district heating is provided to the whole Brescia. **Pinacoteca Tosio Martinengo** and **Santa Giulia Museum** are just a few of the historic buildings connected to the A2A Calore e Servizi network.

In Milan, **3.489** buildings chose district heating, with a total of **51,6 million** cubic metres of heated buildings. Many of the town most important buildings have taken advantage of this opportunity, including the **Duomo**, the **Milan Courts**, **Palazzo Marino**, **Palazzo Reale** and significant urban development projects such as **Cascina Merlata and City Life**.





672 buildings in Bergamo benefit from the district heating network that heats 7,2 million cubic metres of building space. In addition to this, a number of other highly significant buildings are connected to the network, including Papa Giovanni XIII hospital, Bergamo University, the Guardia di Finanza Academy and Palazzo Frizzoni.

