



ENERGY PLANTS AND SYSTEMS



TECHNOLOGICAL PLANTS



ENERGY EFFICIENCY



ELECTRICAL ENERGY
FROM RENEWABLE SOURCES



HEAT ENERGY
FROM RENEWABLE SOURCES

EFFICIENT AND INNOVATIVE TECHNOLOGICAL SOLUTIONS

IRCI Spa, founded in 1976, offers energy consultancy services aiming to identify the **best systems** to optimize energy use in ambient heating and **cooling, hot water production and the generation of heat and/or electrical energy** for use in production processes. Comprehensive energy analyses are performed, starting **from the reduction of wasted resources through to the most efficient systems for generation and transformation**, adapted to the specific features of the project site.

SERVICES THAT MAKE A DIFFERENCE

Few companies are able to operate in such a wide range of processes and sectors. The advantages of IRCI include its in-depth expertise with various system types, constant technical and technological updates, internal organizational procedures with UNI EN ISO 9001: VISION 2000 certification, and operational activities carried out in full compliance with accepted standards.

TECHNOLOGICAL PLANTS

Heating and cooling plants for industrial processes; Steam – diathermic oil; Heating and cooling; Air treatment; Pharmaceutical & hospital applications; Compressed air – technical gases – vacuums; Dust and smoke extraction; Water treatment; Fire protection; Water for sanitary uses.

ENERGY EFFICIENCY

Cogeneration; Trigeneration; Waste heat recovery (ORC); Energy saving systems; System analysis and optimization.

ELECTRICAL ENERGY FROM RENEWABLE SOURCES

Photovoltaic; Pyrolysis; Biogas; Wind generation.

HEAT ENERGY FROM RENEWABLE SOURCES

Solar thermal; Concentrated solar thermal; Solar cooling; Biomasses; Geothermal.



AN EFFICIENT AND STRUCTURED COMPANY

IRCI occupies an area of about 7000 m², of which 3000 m² are indoors, accommodating the technical department, administration offices, technical assistance services and warehousing facilities. From the earliest stages of **consultation** onwards, IRCI guarantees all **outline**, **final** and operational design phases, accompanied by detailed **installation plans**. The **final commissioning** trials complete the process, and **programmed assistance** and maintenance services ensure that systems remain **safe and efficient** over time.

TEAMS AND MOBILITY: LOGISTIC READINESS

IRCI uses an extensive **fleet of 30 vehicles**, including cars, pickup trucks, box vans, lifting gear and specialized equipment to provide assistance in the daily activities necessary to ensure **rapid action and service in all types of operation**.

TECHNICAL AND ADMINISTRATION OFFICES: GUARANTEED CONVENIENCE

Choosing IRCI means choosing **convenience and efficiency**. A special department takes responsibility for the **processing** of technical and administrative information using controlled procedures. The aim is to ensure accounting **transparency** and limit **bureaucratic** procedures to guarantee **optimal value for money**.

WAREHOUSE AND WORKSHOP: SOLUTIONS FOR UNEXPECTED PROBLEMS

The **warehouse**, with **over 7000 items always in stock**, ensures the **rapid delivery** of materials to project sites, and the **in-house workshop** makes it possible to perform **complex** machining operations **efficiently and rapidly**, and to solve any unexpected problems arising at sites.



DESIGN, RESEARCH, INNOVATION

CUSTOMIZED DESIGN

IRCI is able to calculate the **dimensions and loadbearing capacities of custom-made metalwork structures, brackets and other components, then constructing them.** It can also **prepare 2D and 3D documentation**, detailed constructive drawings and functional wiring diagrams.

SKILL ENHANCEMENT AND TRAINING

IRCI dedicates maximum attention to **market trends**, new technologies and innovation. The company is **constantly updated** using conventional and specialized information channels, including magazines, the Internet, trade associations and **professional consultants.**

IRCI firmly believes in **training, constantly investing in professional skill enhancement courses** and offering undergraduate internships for **experimental theses** and support for **apprenticeship programmes.**

PATENTS AND CERTIFICATIONS

With its constant **research activities**, IRCI holds as many as **six Italian patents** for innovative products in the renewable energies sector.

IRCI is accredited for the **performance of public works** with Italian **SOA certification for categories OG9, OG11, OS3 and OS28**, and the company's internal organization is certified to **UNI EN ISO 9001:VISION 2008** standards.



ETHICS AND CORPORATE SOCIAL RESPONSIBILITY

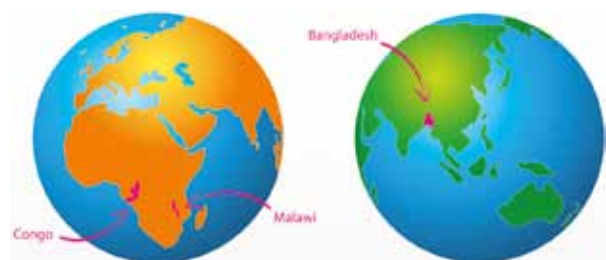
“The worst disgrace that can happen to you is not being useful to anyone!” Raoul Follereau.

IRCI's **ethical charter** is based on a **simple premise**: the resources of our planet are not infinite, and the constant commitment of both **individuals and corporate entities is therefore essential to avoid the total destruction of the environment.**

It is not possible to ceaselessly exploit resources and energy supplies solely in the name of profit. **It is the future of the market that is at stake, and therefore the future of all forthcoming generations.**

That is not all: IRCI also believes that it is **the duty of us all to make our skills available to help those in need.**

In this regard, IRCI is involved in the **development of hospitals, orphanages and schools** for non-governmental organizations in **Malawi, Bangladesh and the Democratic Republic of Congo.**



ENERGY IN EVOLUTION



2013

We are working for a better future!



2012

IRCI creates IRCI International as a trading company to reinforce its activities on global markets



2011

Opening of MGO, a subsidiary based in Bangladesh



2010

Launch of Mirosystem, a company specializing in bracketing and support solutions



2008

Engineering company IRCI Projects opened

2005

Skills are strengthened by the creation of the Technological Plants and Renewable Energies Division

2001

IRCI becomes a limited company



1984

Transfer and extension of new headquarters



1976

Founding of IRCI S.n.c. for heating, air conditioning and sanitation water systems