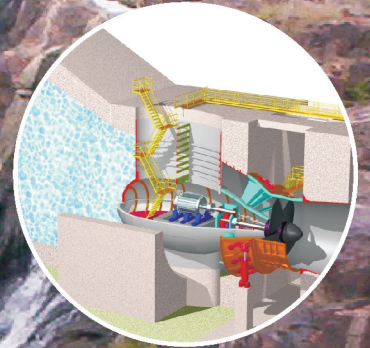
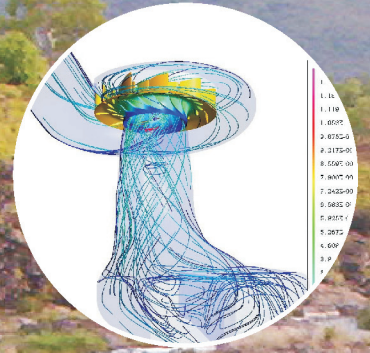


WATER TO WIRE SOLUTIONS



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Our mission

We, those from UCM Resita, are fully aware that profficiency is the key to our success. We will apply this principle in all our fields of activity.

We will protect nature as a life partner and we will behave friendly and gratefully with our host environment.

We will achieve and keep the quality of our actions and products as a goal of our recognition.

Our professional concerns will be focused on the customer, the one thanks to whom we exist as a company.

We will cherish the relationship between colleagues, who make a difference and render us value.

From now on and forever, since we choose to be the best.

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UCM Resita

We are a global supplier of electro-mechanical systems and services for hydro power plants. UCM Resita is one of the leading companies in the world for hydraulic power generation.

What we represent:

History

UCM Resita, established in 1771, is the oldest industrial unit in Romania and one of the oldest in Europe.

The factory as it is known today, with a long industrial tradition, is the result of over 235 years of experience in foundry and machine building, and over 60 in hydro power plants and industry machineries.



A wide variety of products have been manufactured in UCM Resita along the history: steam locomotives, metallic bridges, cranes, electric motors, transformers, steam turbines and generators, gearboxes, diesel engines for locomotives and marine applications, diesel-generator sets, etc., part of them being prestigious pioneering products.

Present

Today, the focus is on hydraulic power equipment: Francis, Kaplan, Bulb turbines, generators, excitation and related equipment: digital – hydraulic governors and oil pressure units, shut off valves, automation & control systems and auxiliaries.

Complete supply range up to 200 MW/unit.



More than 350 units of hydro power generation operate in Romania and abroad covering an installed capacity of 8.000 MW output.

UCM Resita complete program fabrication includes as well: electric motors, gearboxes, welded structures and original equipment manufacturer (OEM) parts for hydro power equipment and industrial applications.

UCM Resita

in hydro power field

- e > Research & development (new models and improvement of existing design)
- e > Engineering, design, manufacture, delivery and site installation of complete HYDRO GENERATING UNITS
- G > Inspections, life time analysis, refurbishment and upgrading of HYDRO UNITS.

UCM Resita is the partner for its customers in engineering, manufacturing and installation of hydro power plants equipment.

Having all at one single hand in house, project management, research & development, design & engineering, technology, manufacturing, transport, site installation & commissioning, UCM Resita ensures complete „water to wire“ solutions for its customers.

- > Hydraulic turbines: Francis, Kaplan, Bulb, Pit bulb turbines with outputs from 2 MW to 200 MW
- > Digital speed governors & oil pressure units
- > Shut off valves of different size: butterfly, spherical, sluice and hollow jet type
- > Hydro mechanical equipment: trash racks, stop logs, gates
- > Ancillary equipment for turbines, shut-off valves and hydromechanical equipment
- > Hydroelectric generators with outputs up to 225 MVA with technical characteristics adequate to the hydraulic turbines
- > Excitation, protection and ancillary equipment for hydroelectric generators
- > Automation, control & monitoring system (SCADA) for hydro units control

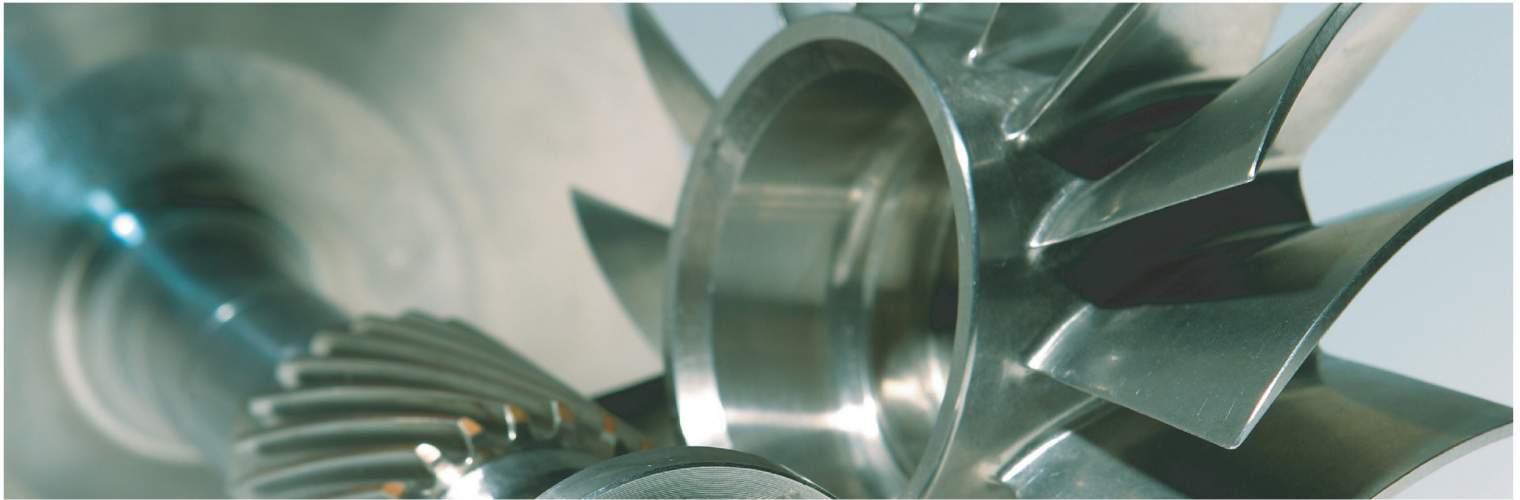


UCM Resita:

- > Research & development, stand & guarantee test turbine models according to IEC Standard.
- > Integrated solutions.
- > Rapid, competent and on-the-spot response to our customers' needs.
- > Tailor made services and solutions.
- > Permanent enhancement of expertise in engineering and manufacturing.
- > Competence to design and build all major core components of hydro power plants in our own workshops.



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OUR QUALITY and CONCERNS

UCM Resita has implemented and maintains Quality management Systems according to

ISO 9001 & 14001

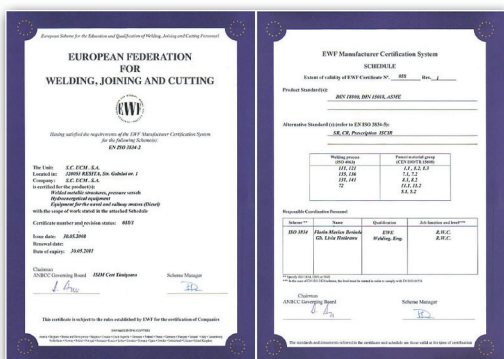
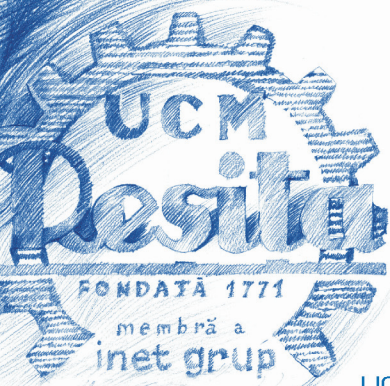
UCM Resita quality system according to the following certifications on field of activities:

- > Management of design and development process, manufacture, (including spare parts) assembling and service for: Hydraulic turbines and Ancillary Equipment, Hydraulic valves units, Governors and oil pressure sets, Generators and Electric Equipment, Electric Motors, Hydro Mechanical Equipment.
- > Development and manufacturing of welded metallic structures.

UCM Resita certification of the Quality Management System is granted on fields of activity by:

LLOYD`S REGISTER QUALITY ASSURANCE

UCM Resita holds other certifications, accreditations or authorizations rendered for the procedures used to different products, according to specific standards, norms or regulations in the field, thus the company proficiency being acknowledged.



UCM Resita concerns:

- Customer
- Environment & Quality
- Professionalism & Competence
- Punctuality & Initiative
- Dynamism & Flexibility
- Experience & Continuity

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OUR ADVANTAGES

The company provides the necessary competences over the entire products and the full lifetime cycle of hydro power plants by manufacturing all core components in our flexible workshops using the best materials and continuously improved methods.

„Water to wire“ solutions:

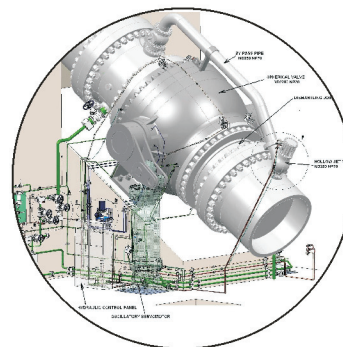
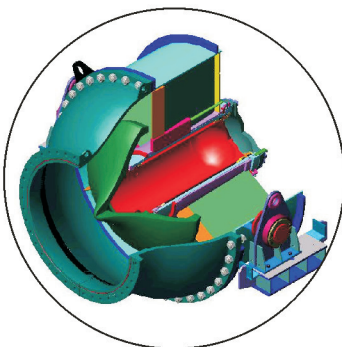
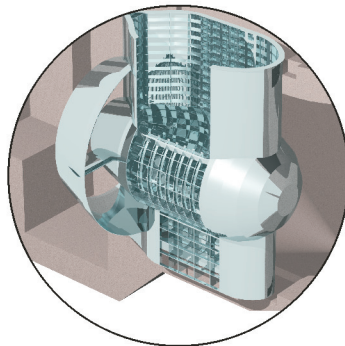
- Complete Electromechanically Equipment
- Research & Development, Design & Engineering, Manufacturing, Site installation & Commissioning, Manual operation & Maintenance

Rehabilitation and Upgrading:

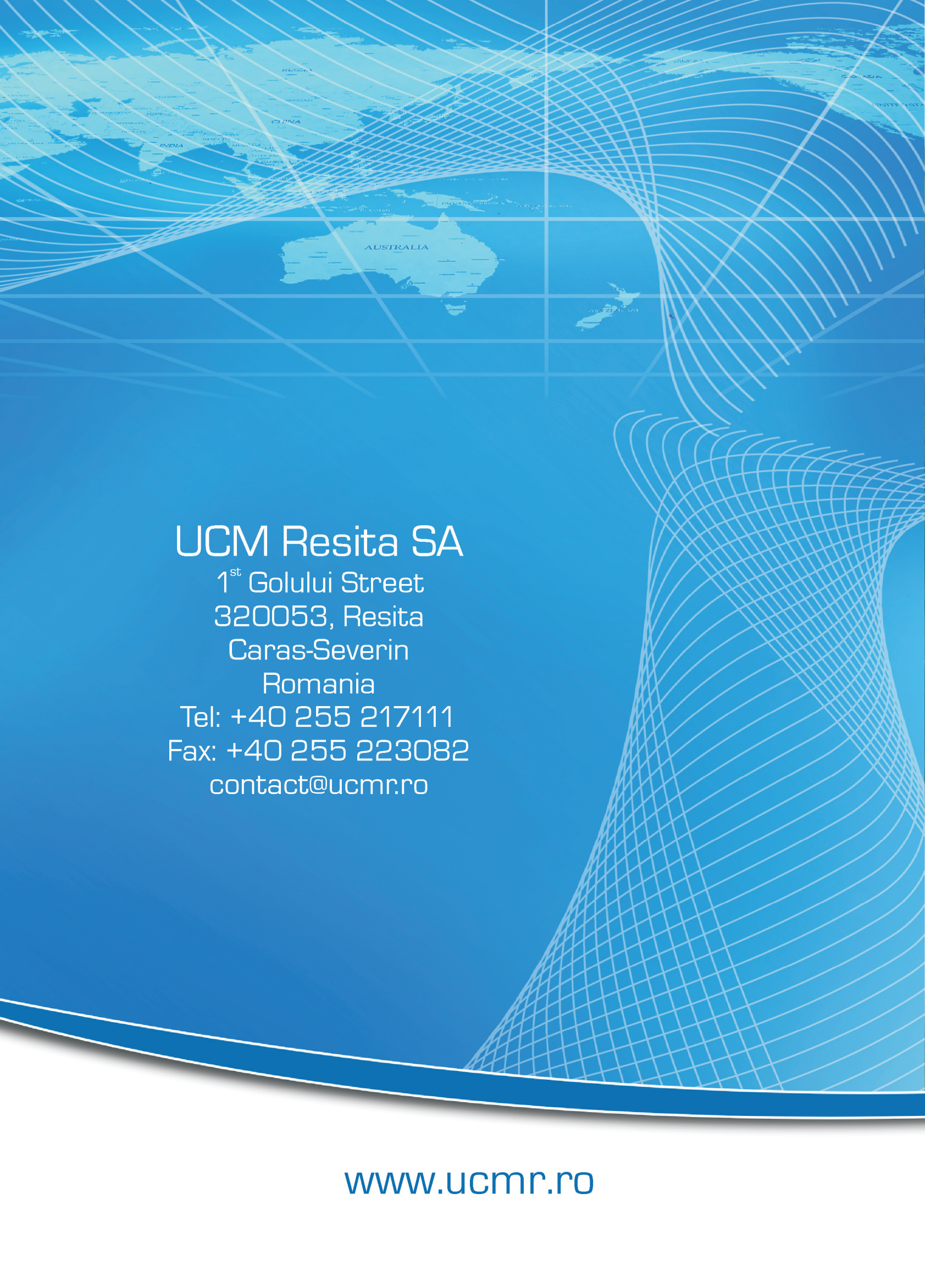
- Inspection and overhaul, Residual life analyses, Feasibility studies,
- Complete Automation Packages, Rehabilitation, Modernization, Efficiency improvement, Upgrading, Site installation & Commissioning, Performance tests, Project management

UCM Resita products:

- > Research, design & engineering
- > Francis turbines
- > Kaplan, Bulb, Pit-Bulb, S-Type turbines
- > Shut off valves
- > Generators
- > Digital speed governors & oil pressure units
- > Automation & Control



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UCM Resita SA

1st Golului Street
320053, Resita
Caras-Severin
Romania

Tel: +40 255 217111
Fax: +40 255 223082
contact@ucmr.ro

www.ucmr.ro