

**ROMRADIATOARE STARTED A 930.000 € INVESTMENT PROGRAM FOR INCREASING PRODUCTION CAPACITY AND
REDUCING ENVIRONMENTAL IMPACT**

Braşov, 30th of SEPTEMBER 2015

ROMRADIATOARE S.A. started a 930.000 € investment program, of which 460.000 € supported by a grant from Norway through the Norway Grants 2009-2014 in the frame of Green Industry Innovation Programme Romania.

Green Business Development for Increased Competitiveness program aims to significantly improve the environmental performance of the company's production processes, as well as increasing the overall capability and production capacity for "greener" product ranges.

Project's output indicators are:

- Reduction of energy consumption with 120 KWh/ton of raw material;
- Reduction of CO2 emissions with 67 kg/ton of raw materials consumed in production (copper, brass, aluminum, steel);
- 22% reduction of scrap levels due to quality issues;
- 6% reduction of raw material technological waste;
- Doubling the production capacity for greener heat exchangers (brazed aluminum heat exchangers);
- 13% reduction of zinc emissions in wastewater.

In the first 5 months since the beginning of implementation, 440.000 € were invested as follows:

- A modern **laser cutting machine** increased production capacity and efficiency, dramatically decreasing consumption of energy, and gases, as well as reducing material waste.
- **New brazing machine** is based on OxyHydrogen technology and uses only water and electricity for generating the brazing flame; it uses far less energy and eliminates CO2 emissions, producing only water vapors.
- **Powder coating painting guns** are more efficient and reduce paint waste;
- Two water cooled **MIG/MAG-PULS** welding machines improve welding time and welding quality, which results in less energy consumption and less raw material used.
- **Telemetry vacuum brazing furnace tracking system** allows for a better control of the brazing process, reducing gas consumption, carbon emissions and material consumption.
- New modern **software solutions** allow for a much more accurate design, choosing the best cost/performance ratio, reducing new products' validation cost.



Next phase of the project consists in receiving and commissioning the following equipment: swing beam shearing machine, fully automatic sawing machine for non-ferrous (light) alloys, CNC tube bending machine, automated high speed forming machine for aluminum fins, lock seam soldering brass tube mill for flat oval brass tubes, solar panel heating system for heating water in the degreasing part of the powder painting line and a material handling forklift with LPG fueled engine.

An important part of the project consists in adopting Occupational Health and Safety Management System – OHSAS 18001. For our employees, the implementation of this standard has important, immediate and direct benefits: occupational risks reduction to the minimum.

„We are half way there and the results of our work are already visible. Through this project we managed to reduce our environmental impact and improve our employees’ working conditions” stated Mr. Oliviu Niculescu, General Manager of ROMRADIATOARE.

ROMRADIATOARE designs and manufactures heat exchangers and heat exchange systems (heating / cooling) for engines and other industrial and residential applications, as well as a wide range of metal fabrications and assembled modules, over 80% of products being exported. Our products serve the needs of clients operating in industries such as automotive, agriculture, forestry and construction machinery, hydraulic equipment, extractive equipment, railway, naval and defense applications, power generation and cogeneration, as well as residential and commercial heating and cooling.

Leveraging on its employees’ highly technical and engineering skills and on flexible technological processes, starting with 2009 ROMRADIATOARE transformed its business model, becoming a partner for the bespoke design and manufacture of heat exchangers, metal parts and assembly modules for customers with high technical competences (equipment manufacturers, systems and technical solution suppliers etc.). As a result of this strategy, over 90% of the delivered products are customized according to customer requirements and documentation, in the last four years the company succeeded to develop and assimilate 1 new product for each working day.

More details about the project can be obtained from:

Daniela Richea, Business Development Manager ROMRADIATOARE S.A.

Braşov, str. Zizinului 113 A

Tel: 0268.317.550

E-mail: daniela.richea@romradiatoare.com

Web: www.romradiatoare.com

About **Norway Grants/Innovation Norway**



The Green Industry Innovation Programme for Romania will contribute to the overall objective of the Norwegian Financial Mechanism 2009-2014 which is reduction of economic and social disparities in the European Economic Area (EEA) and to strengthen the bilateral relations between Norway and Romania. The objective of the Programme is to increase competitiveness of green enterprises, including greening of existing industries, green innovation and green entrepreneurship. The programme strategy is in line with Romanian national policies. The expected outcome of the Programme is realisation of business opportunities of greening the European economy. The Green Industry Innovation Programme for Romania is a business development programme and the Programme vision is: Good for Business and Good for Environment. All supported projects should aim at a final result of improving the environment performance of enterprises. The Green Industry Innovation Programme for Romania is operated by Innovation Norway, a public company owned by the Norwegian Ministry of Trade, Industry and Fisheries and all the Norwegian County Municipalities. More information about the programme can be found at www.norwaygrants-greeninnovation.no

Through the Norway Grants and EEA Grants, Norway contributes to reducing social and economic disparities and to strengthening bilateral relations with the beneficiary countries in Europe. Norway cooperates closely with the EU through the Agreement on the European Economic Area (EEA). For the period 2009-14, Norway's contribution is €1.7 billion. Grants are available for NGOs, research and academic institutions, and the public and private sectors in the 12 newest EU member states, Greece, Portugal and Spain. There is broad cooperation with Norwegian entities, and activities may be implemented until 2016. Key areas of support are environmental protection and climate change, research and scholarships, civil society, health and children, gender equality, justice and cultural heritage. For more details about the programme please visit www.norwaygrants.org