

EXERGY achieve another success in Turkey: new contract signed with repeat customer Bestepeler Enerji for a 24 MWe geothermal power plant

Olgiate Olona, 24 October 2016 – EXERGY continues its growth in the Turkish market. The Italian company, market leader in the design and manufacturing of Organic Rankine Cycle systems, known for its pioneering Radial Outflow Turbine technology, last thursday signed a new contract with repeat customer **Bestepeler Enerji Üretim Ticaret A.s** for the supply of a 24 MWe geothermal ORC power plant for a geothermal field located in Aydin region - Germencik area. This contract follows the former contract signed in 2015 and confirms the trust EXERGY gained as a valuable and successful partner for its clients.

EXERGY will provide the client with a two pressure level ORC system equipped with 2x Radial Outflow Turbines, one for each pressure level, to produce totally 24 MWe of electricity from a medium enthalpy geothermal fluid. These large turbines continue to show the suitability of the Radial Outflow configuration in all sizes. The ORC cycle will employ an air cooled condensing system, thus avoiding the use of water.

Equipment for the ORC unit will be manufactured in the EXERGY Turkish workshop in Izmir, allowing the client to take advantage of an increased feed-in-tariff that the Turkish Ministry assigns to Made in Turkey technologies. The factory, which has been open for 2 years, has already produced 20 turbines suitable for the increased feed-in-tariff. The signing of this new contract raises the EXERGY portfolio to 360 MWe, with 336 MWe representing geothermal applications.

EXERGY's CEO, **Claudio Spadacini** commented on this success: "This repeat contract cements EXERGY's position in the ORC market and our leadership in Turkey with 315 MWe portfolio achieved in 5 years. This contract is very important and confirms us again at the forefront in the Turkish market. At the moment we are also in discussion for several projects worldwide in high potential regions."

EXERGY is the developer and manufacturer of Organic Rankine Cycle (ORC) with the pioneering Radial Outflow Turbine technology. **EXERGY's** proprietary technologies, covered by a number of patents allow for greater energy production via the exploitation of heat sources from geothermal, waste heat from industry, biomass and concentrated solar power. **EXERGY** are part of the Maccaferri Industrial Group and sitting within the SECI Energia holding. From the headquarters in the north of Italy (Milan), **EXERGY** export and implement its technology worldwide with a particular focus on high growth potential markets such as Turkey, South-east Asia, North and South America. Website: <http://exergy-orc.com/>

The **Maccaferri Industrial Group** is headed by the family holding company S.E.C.I, a company that since 1949 operates in several business areas through its seven divisions: Officine Maccaferri (environmental engineering), Manifatture Sigaro Toscano (tobacco), Eridania Sadam (food and agro-industry), Samp (mechanical engineering), Seci Real Estate (real estate and construction), Seci Energia (energy) and Gnosis (biotechnology). The Group, chaired by Gaetano Maccaferri, is present in the world 58 factories, with a turnover of 1.191 million euro in 2015.

EXERGY's PRESS CONTACT:

Sara Milanese - Marketing & Communications Manager
Tel. +39 0331 1817620 - s.milanese@exergy.it

