

Arçelik A.Ş. Working Towards A Sustainable Future With Energy and Water Efficient Products

Arçelik A.Ş., acting with the "Sustainable Development" approach in all of its business processes in parallel with the vision "Respectful to the World, Respected in the World" and paying attention to the protection of the environment and natural resources to ensure their sustainability in all its activities, is continuing its operations in order to protect the nature and ecological system.

Arçelik A.Ş., one of the leading actors in the white goods sector in the world, acts with the vision "Respectful to the World, Respected in the World" in all of its business processes. Arçelik A.Ş., which has been conducting projects on protecting the nature and the ecological system for years, underlines the importance of 5th of June, World Environment Day.

Putting emphasis on the R&D studies in order to minimize the CO₂ emission level resulting from operating the products, Arçelik A.Ş. continues to develop and produce, and even pioneer in eco-friendly, high-quality and innovative products that increase the quality of life of our customers and have high levels of energy and water efficiency, by implementing new technologies.

As a result of the endeavors made in order to reduce the environmental effects of the products, Arçelik developed A%-45 energy class built-in oven, A+++%-10 tumble dryer, A+++%-50 washing machine, A+++%-10 dishwasher and A+++%-20 energy class refrigerator. In the manufacturing plants, 35 million refrigerators in total have been manufactured by using eco-friendly hydrocarbon based refrigerants (R600a) which doesn't harm the ozone layer and has the least effect on global warming (has the lowest greenhouse gas effect). The products from Arçelik A.Ş. has been granted many awards by international institutions in the fields of innovation, energy and water efficiency.

Apart from its products, the company is working towards increasing the energy and material efficiency in all its processes from supply to distribution and using the sources in the most efficient manner, and has also water recovery and consumption reduction projects for reducing the greenhouse gas emission in the production processes for the purpose of ensuring energy efficiency and protection of the environment. Arçelik A.Ş., which conducts energy efficiency studies in all of its factories in order to increase energy efficiency, saved 5.6% energy and achieved a reduction of 8,620 tons CO₂ greenhouse gas emissions thanks to 105 energy efficiency projects performed in 2013 in the field of production in the domestic factories. With water recovery and consumption reduction projects, it saved approximately 160.000 m³ water. Since June 2012, Arçelik A.Ş. by spreading the use of electricity generated from 100% renewable energy resources in its

Headquarters, a usage rate of 90% has been achieved in domestic factories as of 2014. Arçelik A.Ş, which has been calculating its greenhouse gas emissions every year since 2011 according to ISO standard 14064-1, received a Verification Certificate from an independent international accredited institution after being inspected. It also received ISO 50001 Energy Management Certificate that is based on efficient use of energy which has been consumed since 2012 within the scope of its activities in Turkey.

Levent Çakıroğlu: "We are contributing to a sustainable future with eco-friendly, energy and water efficient products"

Levent Çakıroğlu, the Chairman of Koç Holding Durable Consumer Products Group and Arçelik A.Ş. General Manager said: By implementing innovative technologies with the help of our R&D studies, we continue to develop and produce, and even pioneer in eco-friendly, high-quality and innovative products that increase the quality of life of our customers and have high levels of energy and water efficiency. While contributing to the household budget, we are also making an important contribution to our economy with the endeavors we are making towards increasing the energy efficiency of the products, as the energy need of the country is reduced. Levent Çakıroğlu said "We are contributing to a sustainable future with our eco-friendly, energy and water efficient products"**Çakıroğlu** added: "Our 9 manufacturing plants in Turkey, Romania and China were awarded a "Platinum" certificate, which is the highest degree in "Energy Efficient Green Plants" classification, for Arçelik A.Ş.'s works conducted in energy efficiency in the production field. " Within the scope of the most reputable and common environment initiative of the world, where organizations share their greenhouse emissions and strategies for the climate change with the international investors, our company took its achievements one step further and was granted "CDP Performance Leader" award, the highest degree, in 2013 after the "CDP-Carbon Disclosure Project" award it received in 2012.