

Recycling and Environmental Protection

The Sewerage Board of Limassol-Amathus actively contributes to protecting the environment through various measures and practices as follows:

- Through the tertiary treatment of wastewater from Greater Limassol, which makes huge savings on water for agricultural purposes since tertiary treated water is also used mainly for irrigating orchards and gardens in various parts of the town.
- Through the re-use of treated sludge (biomass), which is used as fertilizer by farmers thanks to its nutrients.
- Through the re-use of biogas (green energy), which is used as fuel in the production of electricity for the operational needs of the Moni Biological Wastewater Treatment Plant. In this way, some 40% of the energy required for the Plant is saved, representing a total cost of around €30,000 a month.
- Through the installation of a 44kW Photovoltaic System on the roof of the chemical stores at the Moni Biological Wastewater Treatment Plant. The electricity produced is injected into the EAC grid.
- Recycling of paper since 2008. The amount of paper sent for recycling so far is approximately 18 tons, thereby saving many trees and a large volume of water.

Furthermore, the Board invests in technology, using electronic communications inside and outside the Organisation with the aim of reducing the use of paper. For example, a large amount of correspondence and bills is now sent by e-mail if so requested by customers. The Board's meeting agendas and minutes are also forwarded by e-mail. In this way, hundreds of thousands of typewritten, printed and photocopied pages are saved.

The Board also recycles other materials as follows:

- Hazardous waste (printing inks and toners) containing dangerous substances, in conjunction with the Innovating Environmental Solutions Centre (IESC).
- Plastic waste from the Board's offices, through Green Dot Cyprus.
- It purchases printers which can print on both sides of the page (duplex) to save paper and recycled toners wherever possible for specific makes of printer.
- Batteries used in the offices.
- Purchase of recycled paper (50% recycled) for the Board's correspondence.
- Replacement of all light bulbs in the Head Offices with LED lamps.

The Board is proceeding with its efforts to obtain ISO 14001 Environmental Management certification by the end of 2014 and EMAS by 2016. The aim of the Board is for the SBLA's Head Offices to undergo various upgrades by 2018 so as to have zero net energy consumption.