About Ecologica

Ecologica plays a critical role in helping businesses, government agencies, data centers and consumers manage the profound shift in how and where obsolete IT technology is managed. As a leader in electronic e-waste and IT asset recycling, we offer IT asset disposition (ITAD) and e-waste recycling solutions for businesses and home consumers. Our data security departament plays a hands-on role in decommissioning servers and blades, bulk hard drive destruction and telecom equipment. In business since 2014, our name and progress reflects how dramatically our industry has changed in the last 10 years. We'll continue to drive circular economy initiatives with our clients and ensure safe date destruction and secondary raw materails production in everything we do.

Equipment We Process

The most common orders we receive from businesses include both electronics that have reuse potential and equipment that is old and has no useful life: mainly IT assets (computers and peripherals, mobile devices, data center equipment, office and telecom equipment, electronic and industrial scrap, point of sale (POS) systems, laboratory, medical and test equipment, defense equipment, and domestic appliances.

It's our job to quickly assess whether to reuse or recycle the equipment. Recognizing that reusing electronics provides better environmental results, we offer refurbishment, redeployment and resell services to optimize reuse potential.

Ecologica proactively is at the forefront of improving recycling technology. We invest in equipment that provides cleaner commodities that can more effectively be used to manufacture new products.

Recycling for private consumer's e-waste

The growing problem of e-waste

As consumers continue to "digitize" their lives, they are purchasing and discarding larger volumes of electronics. This results in a growing waste stream of broken, obsolete and unwanted electronic equipment, more commonly referred to as WEEE or e-waste. Discarded e-waste can be challenging to recycle because electronic products are complex devices manufactured from varying proportions of glass, metals and plastics.

Ecologica has been at the forefront of transforming the electronics recycling industry into a growing success story. We lead the industry in building a recycling infrastructure to support a sustainable ecosystem of product use, planned end-of-life disposal, and a systematic recycling process that extracts maximum value from discarded equipment, while creating green jobs.

Recycling for private consumers

The legislation on e-waste in Bulgaria is in the process of being developed and adapted to the new consumer behaviors. Ecologica provides collection of electronic waste for consumers from all over the country - transportation on request and organizing campaigns with municipalities and schools. To increase environmental literacy and consumer responsibility, we organize one-time trainings and comprehensive programs with environmental content.

Recycling services for enterprise customers

On behalf of our enterprise clients, our company is responsible for compliant disposition of obsolete IT assets and electronics. We refurbish IT assets, extending their useful life. In addition to facilitating reuse of equipment, Ecologica also recycles discarded electronics, transforming waste to raw material. Recycling diverts material from landfill or incineration and provides a feedstock for making next generation products.

Regardless of whether equipment is reused or recycled, we always destroy data on storage media, adhering to relevant data destruction standards.

Electronics recycling

Our closed-loop approach to responsible recycling of e-waste provides transparency in tracking, recycling and how hazardous materials are disposed.

Refining

The components obtained during our disassembly go to a recycling plant in Austria, where precious metals are extracted and refined from waste streams.

Recycling services for the manufacturers

Returns management

Ecologica works with electronic manufacturers to recover value from IT asset returns. Typically, these returns are warrantied products, decommissioned used equipment or lease returns from businesses and data centers.

The goals of these programs are to:

- Systematically manage returns
- Assess how to maximize value recovery throughout the supply chain
- Refurbish whole units
- Responsibly recycle broken and obsolete equipment

Certified destruction

Ecologica offers secure, guaranteed destruction and a documented audit trail to provide proof that proprietary equipment is destroyed. Verified destruction is particularly important when companies recall equipment to meet regulatory compliance mandates or brand protection directives.

Because of the sensitive nature of these programs, we work closely with manufacturers to ensure their reputation is protected and your program is managed with full accountability and security.

Audited destruction of recalled equipment

Occasionally, manufacturers need to recall, track and destroy equipment or products. We support their need for complete control over destruction of their proprietary equipment.

Our secure supply chain and systematic handling and shredding of equipment, parts, and sensitive material ensure their confidentiality is maintained and that material is handled in an environmentally responsible manner.

Manufacturers implementing these programs typically require confirmation that once the recalled products have been removed from their primary distribution channels, they have been properly destroyed.

- Secure transportation to Ecologica facility
- Tracking by weight, item count or serial number, depending on manufacturer's requirements
- Corresponding inventory reporting, based on how items are tracked (weight, item count, serial number)
- Photos taken at Ecologica receiving confirming quantities and condition
- Secured storage or products prior to destruction
- Witnessed destruction via webcam or in person
- Certificates of Destruction
- Data destruction (when required)

Environmental and technological literacy

A full appreciation of environmental and technological literacy, as well as technology itself, requires an understanding of the entire society in which it exists. Like other types of literacy, these literacies are closely related to many aspects of our lives. The ability to be technologically literate, for example, requires a practical, design and problem-solving orientation. The knowledge dimension of environmental and technological literacy is related to other academic fields, such as biology, law, ethics, science, mathematics, history, and language arts.

In fact, environmental and technological literacy can be a thematic unifier for many subjects that are now studied separately in Bulgarian schools. The thinking and action resulting from environmental literacy places them squarely in the realm of civic life. A certain level of participation in the decision-making process regarding the development and use of technology is an essential aspect of environmental and technological literacy.

It is in this direction that Ecologica makes intensive efforts. Together with partners, we started the development of an educational program to strengthen environmental and technological literacy among students in selected Bulgarian schools.

Contact

Daniel Kostov
daniel.kostov@ecologica.bg
+359876121223
+359878151570