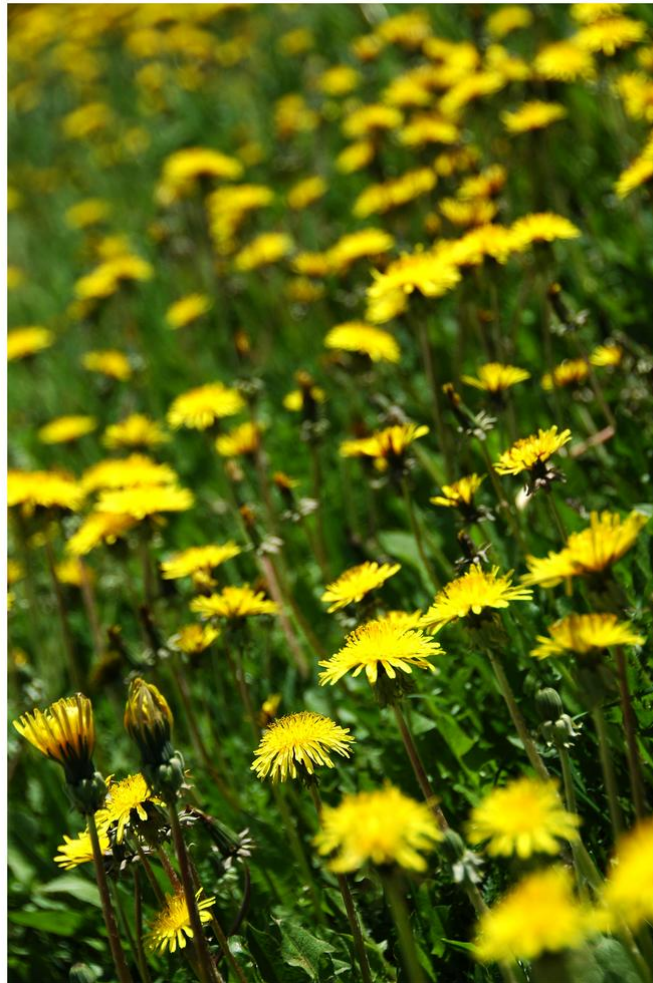


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## Company Environmental Plan

Idesco Oy



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## 1. Purpose

The purpose of the Idesco Environmental Plan is to set guidelines for managing the interface between the environment and Idesco in a way that improves environmental sustainability.

## 2. Environmental Policy

### 2.1. Basic Policy on Environment

We, as an RFID product development company, design and deliver cutting-edge electronics products that are known for their quality and designed to meet the business demands of our customers. Our scalable and versatile solutions help our customers to build secure, cost-effective and user-friendly identification systems which contribute to more productive and effective way of using resources. We deliver these products and services in accordance with our company's environmental policy.

### 2.2. Principles of Environmental Management

- We meet or exceed all applicable laws and regulations and the industry guidelines.
- We consider that every employee is responsible for actively participating in meeting the targets set by the environmental policy. Employees get training on handling of hazardous materials and recycling.
- We co-operate with local authorities and recycling companies.
- We make every effort to minimize environmental impacts throughout the product lifecycle: from material production and parts manufacturing, through to product assembly, packing, use and end-of-life recycling.
- We develop products that have low energy consumption.
- Regarding end-of-life products, we follow the WEEE standard (see further) and all our products can be appropriately discarded by the discarding services providers.
- When choosing suppliers and contract manufacturers, we lay emphasis on their ability to reduce environmental impacts throughout the supply chain.

## 3. Manufacturing

Our company cares for the entire phase of manufacturing and materials used to manufacturing and packaging the products, the energy needed for production and use of the product. We design them to be easily refurbished when they are no longer usable.

### 3.1. Product Lifetime and Materials

We reduce the environmental impact of our products throughout their long lifecycle. Our products are designed to have at least a ten years lifecycle in demanding surroundings. We continue to limit the materials used in our products. All materials are selected in order to meet company environmental policy.

Our subcontractors must meet our environmental principles. We expect them to use resources e.g. raw materials effectively, production to meet the laws and regulations and that their operations to be environment friendly.

### 3.2. Energy Saving

Our products have low energy consumption and we continue to improve the energy efficiency.

### 3.3. Design for Recycling

We implement product design that makes recycling of materials easy, including design for easy disassembly at end-of-life.

### 3.4. RoHS Compatibility

We are following the rules and regulations of RoHS directive and have been developing and launching only RoHS compatible products since it was first launched 1.7.2006.

### 3.5. Supplier Control

Supplier control is essential to ensure that our products have reduced environmental impacts and compliance with environmental laws.

We prioritize suppliers who reduce the environmental impacts of parts and materials. We evaluate each supplier's activities concerning: 1) environmental policy; 2) system for environmental conservation; 3) training; and 4) monitoring of system performance.

The suppliers are obligated to act according to WEEE, RoHS and REACH directives.

### 3.6. Assembly and Removing

Assembly and removing of the products have been made as easy as possible by regular screws without any un-recycling materials.

### 3.7. Delivery

We collect delivered product for big quantities per package, aiming to minimize amount of packing material and transportation impacts for the environment. Paper/cartons used for packing are 98 % from recycled fiber. We also recycle and re-use packing material for our own purposes.

## 4. Waste Management

### 4.1. Batteries

We collect all used batteries and take them to a named battery waste disposal cabinet from where it is collected and transported to a waste disposal plant. This process is managed by our facilities provider.

### 4.2. Paper Materials

Office and packing paper material, which is suitable for recycling, is collected and sent for recycling.

### 4.3. Packing Material

We report yearly all used packing material; new, received, used and re-used, sold and bought. The usage is reported to Rinki Oy (Environmental Register of Packaging). Packing materials are mostly made of recycled fibre.

## Suomen Pakkauskierrätys Rinki Oy

Suomen Pakkauskierrätys Rinki Oy is a non-profit firm, operating in conjunction with producer organisations in the packaging sector. It helps companies to fulfil packaging recovery obligations economically and easily.

Companies with a turnover of at least 1M€ who sell products to Finland's markets, hold a packaging recovery obligation/producer responsibility. By making a contract with Rinki a company transfers the abovementioned obligation to the producer organisations. (<https://rinkiin.fi/for-firms/producer-responsibility/>)

## 4.4. Liquids

Hazardous waste and obsolete liquids are taken to hazardous waste disposal plant held by Lassila & Tikanoja Oy.

### Lassila & Tikanoja Oy

*Lassila & Tikanoja is a service company that is putting the circular economy into practice. Together with our customers, we keep materials, properties and factories in productive use for as long as possible and we enhance the use of raw materials and energy. We help our customers maintain the value of their properties and materials while protecting the environment. We achieve this by delivering responsible and sustainable service solutions that make the daily lives of our customers easier. With operations in Finland, Sweden and Russia, L&T employs 8,600 people. Net sales in 2018 amounted to EUR 802.2 million. L&T is listed on Nasdaq Helsinki.*

## 4.5. Recycling and Scraping

We follow the WEEE directive concerning recycling and scraping.

In the EU countries, customers have the option of discarding old Idesco products free of charge at municipal collection points. The way how the collection is arranged, differs by municipality.

Information, such as the address and opening hours of the waste collection point, can be found in municipal guides or web sites. Another option is to return old equipment to Idesco.

All electronic, aluminium, metal and plastic waste is delivered to Kuusakoski Oy for recycling.

### Kuusakoski Oy

*We are a customer-focused, pioneering, environmentally friendly provider of recycling services with an international track record. A passion for the deeper understanding of materials and recycling drives our innovations and helps us develop more efficient recycling solutions. We strive to be unconditionally ethical and transparent in everything that we do – and this makes us a reliable partner. Kuusakoski Group Oy comprises the recycling company Kuusakoski Oy and its subsidiaries, and foundry operator Alteams Oy and its subsidiaries.*

#### Kuusakoski Recycling in 2018

- Turnover 518M€
- Total volume of recycled and processed material: approximately 2 million tonnes

Version History

Version	Date	Author	Review Date	Approver	Description
1.00	26.02.2009	KMa	10.03.2009	JSa	First version
1.01	25.1.2012	JSa	25.1.2012	ARa	Sections 3.5 , 4.4 and 4.5 updated
1.02	9.8.2019	Jmo	19.8.2019	KMa	Document updated
1.03	5.12.2019	Kma	5.12.2019	JMo	Documenet updated PYR-> Rinki Oy