

Business Partner Environmental Requirements

Requirement Specification

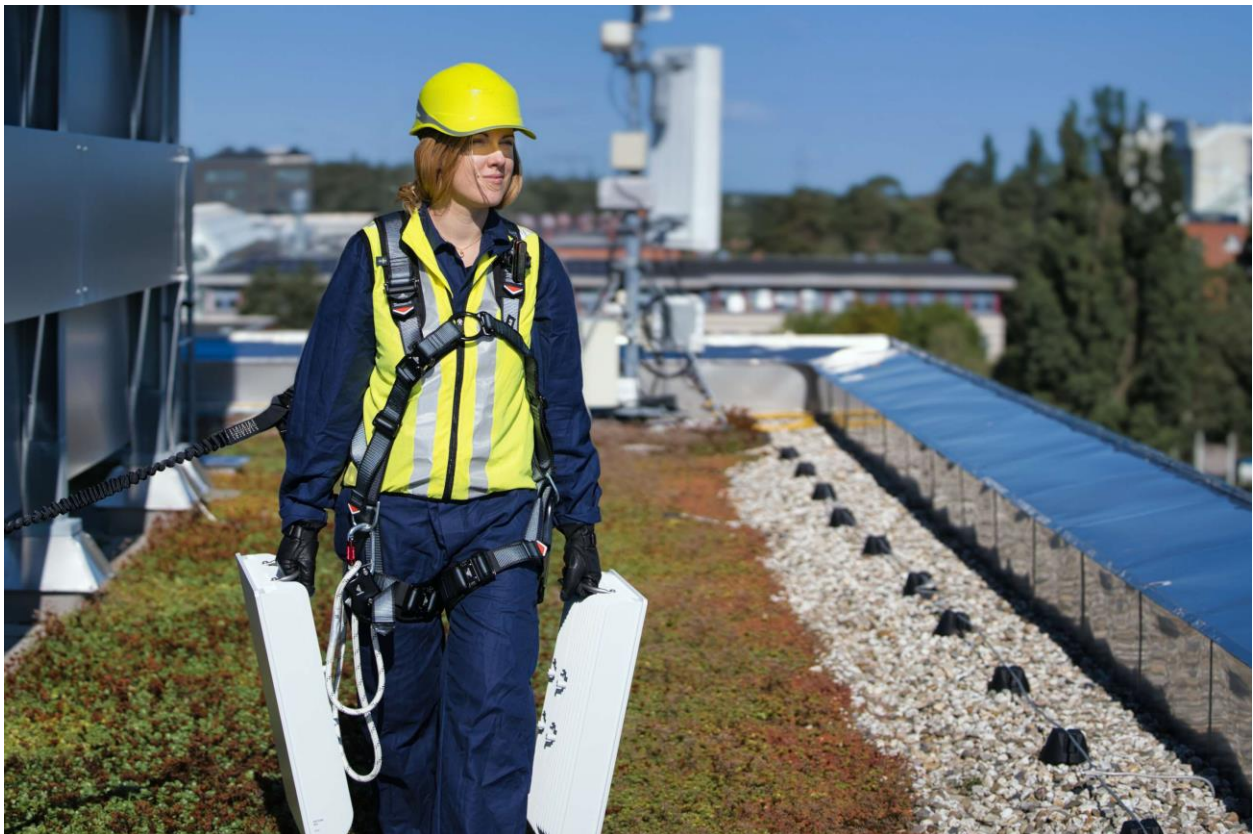


Figure 1: Air 3268 rooftop installation.



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1 Introduction

Ericsson recognize that there are environmental impacts connected to our operations. Ericsson work to reduce, and potentially eliminate, the adverse environmental impacts caused by our business activities and products.

To be able to reduce our adverse environmental impacts, the entire value chain needs to be considered. Ericsson require that our Business Partners have well developed environmental management programs and we consider good Business Partner collaboration regarding environmental aspects to be of the utmost importance.

2 Scope

Ericsson has issued a Code of Conduct for Business Partners, covering, inter alia, requirements in the areas of business ethics including anti-corruption, labor and human rights, occupational health and safety, environment, and climate change. This document is a supplement to the Ericsson Code of Conduct for Business Partners defining specific environmental requirements and is based on the Responsible Business Alliance (RBA) environmental requirements and UN Global Compact Ten Principles.

Requirements defined in this Business Partner Environmental Requirements document, must be complied with by Business Partner for the following operations with Ericsson, its customers, or its Business Partners:

- Manufacturing and delivery of components and products.
- Product transports and fleet vehicles for service delivery
- Construction work, supply services, field maintenance and network roll out.
- Where identified environmental aspects and associated impacts requires to be controlled according to the requirements specified in this document.
- With environmental risks that may negatively impact the environment.

For definitions and general requirements, please refer to the Ericsson Code of Conduct for Business Partners. The Ericsson Code of Conduct for Business Partners and this document are available online at:

<http://www.ericsson.com/responsible-sourcing>



3 Generic environmental requirements

3.1 Dangerous goods, hazardous materials and hazardous waste

Dangerous goods, chemicals, hazardous waste, and other substances or materials posing a hazard to humans or the environment must be identified, labeled, and managed to ensure their safe handling, movement, storage, use, recycling or reuse, and disposal.

- The Business Partner must reduce, where possible, the presence of dangerous goods, chemicals, hazardous waste, and other substances or materials posing a hazard to humans or the environment.
- The Business Partner must ensure to have adequate processes and methods as per generally accepted international standards in place to reduce the negative impact on environment and health in the event of an incident or accident involving dangerous goods, chemicals, hazardous waste and other substances or materials, including reporting procedures.

The Business Partner must when providing dangerous goods and hazardous chemicals to Ericsson, provide a Safety Data Sheet¹ (SDS) or for goods other than chemicals and mixtures, a technical description with hazard identification and mitigations similar to an SDS.

3.2 Solid waste

Business Partners must implement a systematic approach to identify, manage, reduce, and responsibly dispose of or recycle solid waste (non-hazardous). The Business Partner must identify its impact as well as define and implement targets and plans for waste reduction. If available, all waste streams from the operations of a Business Partner must be separated for recycling or reuse as appropriate.

The Business Partner must, upon request, inform Ericsson about the waste reduction targets, plans and achievements.

¹ Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).



3.3 Air emissions

Air emissions of volatile organic chemicals, aerosols, corrosives, particulates, ozone depleting substances, and combustion byproducts generated from operations are to be characterized, routinely monitored, controlled, and treated as required under local laws, regulations and generally accepted international standards prior to discharge. Ozone-depleting substances are to be effectively managed in accordance with the Montreal Protocol² and applicable regulations. Business Partners must conduct routine monitoring of the performance of its air emission control systems.

3.4 Water management

Business Partners must implement a water management program as per generally accepted international standards that documents, characterizes, and monitors water sources, use and discharge; seeks opportunities to conserve water; and controls channels of contamination. All wastewater is to be characterized, monitored, controlled, and treated as required prior to discharge or disposal. Business Partners must conduct routine monitoring of the performance of its wastewater treatment and containment systems to ensure optimal performance and regulatory compliance.

The Business Partner must upon request inform Ericsson about its water management plans, targets and achievements.

4 Climate change requirements

If energy consumption and/or greenhouse gas emissions are identified as significant environmental aspect(s), the Business Partner must calculate its carbon footprint in terms of CO₂e³, using the GHG protocol for its Scope 1, Scope 2 and if applicable for its Scope 3 (Greenhouse Gas protocol <http://www.ghgprotocol.org/>).

The Business Partner must, upon request, inform Ericsson about the carbon footprint reduction targets, plans and achievements.

5 Manufacturing requirements

The Business Partner must be able to demonstrate environmentally sound manufacturing practices, controlling its identified environmental aspects and associated environmental risks.

² <https://www.unep.org/ozonaction/who-we-are/about-montreal-protocol>

³ Carbon dioxide equivalent (CO₂e) is a measure for describing how much global warming a given type and amount of greenhouse gas may cause, using the functionally equivalent amount or concentration of carbon dioxide (CO₂) as the reference.



The Business Partner must comply with the requirements in the Ericsson Lists of Banned and Restricted Substances (<http://www.ericsson.com/responsible-sourcing>) related to substances used in production processes.

Emissions and discharges of pollutants and generation of waste from manufacturing or assembling are to be minimized or eliminated at the source or by practices such as adding pollution control equipment; modifying production, maintenance, and facility processes; or by other means. The performance of control and treatment systems must be routinely monitored and serviced.

The use of natural resources, including water, fossil fuels, minerals, and virgin forest products, is to be conserved by practices such as modifying production, maintenance and facility processes, materials substitution, re-use, conservation, recycling, or other means.

6 Product related requirements

The Business Partner must be able to demonstrate design and supply chain activities which enable reduction of the adverse environmental impact of its products and services during their entire life cycle, by considering factors such as energy consumption, materials use and end-of-life treatment.

The Business Partner must comply with the requirements in the Ericsson Lists of Banned and Restricted Substances (<http://www.ericsson.com/responsible-sourcing>). The lists cover restrictions related to product and packaging material content and product material information.

The Business Partner must comply with all relevant phytosanitary and transport package treatment and labelling measures, such as the ISPM15 standard for wood and wood-based packaging. Treatment measures must be compliant with the requirements in the Ericsson Lists of Banned and Restricted Substances.

The Business Partner must upon request:

- Declare the full material content of products delivered to Ericsson.
- Declare product energy consumption and product energy efficiency.
- Supply life cycle inventory data for supplier processes and products.
- Provide information concerning the process for handling and treatment of delivered products at the end of the products' life.
- Third party product vendors must provide a solution to ensure a free of charge End of Life Treatment (EoLT) for products delivered to Ericsson.



7 Transport requirements

- The Business Partner must reduce its adverse environmental impact by using the most environmentally friendly means of transport (such as road, sea or rail) whenever reasonably possible.
- The Business Partner must use fuel-efficient and low emission vehicles when transporting goods or providing services for Ericsson.
- In markets where available, Business Partners are encouraged to use vehicles powered by non-fossil fuels.
- The Business Partner must, upon request, provide information about environmental aspects of transportation of goods to Ericsson, for example carbon footprint, mode of transport, packaging material, and production locations.

8 Reporting incidents

Business Partners must report incidents with potential negative environmental consequences, related to the requirements in the Code of Conduct for Business Partners and the requirements in this document, when related to its engagement with Ericsson. Incident reporting shall be done here: [Global Incident Reporting Tool – OHS GIRT - Ericsson](#)

An incident is an event that has, or could have, a negative impact on the environment: air, land, water, or wildlife. Some examples of an environmental incident are a leaking battery in a warehouse, diesel spillage on site, or chemicals not stored correctly.