

Waste Management Plan

To promote environmental sustainability, Chunghwa Telecom is committed to reducing waste. This management plan has been established to continually optimize management processes and enhance resource utilization efficiency, with the aim of reducing environmental pollution and achieving sustainable resource use.

1. Goal Setting:

- Using 2021 as the base year, we aim to reduce domestic waste by 3% annually. All industrial waste will be 100% handled by certified disposal contractors approved by the Ministry of Environment, utilizing recycling, incineration, and other methods to achieve zero landfill waste and a 100% waste transfer rate.
- Key Performance Indicators (KPIs) will be established for performance evaluation, with regular monthly tracking and review of goal attainment. Additionally, we will regularly assess all treatment processes to identify opportunities for waste reduction, investing in research and development to discover methods to minimize waste generation.
- By 2035, achieve a green procurement expenditure of over 50% of total procurement.

2. Management Measures:

- Enhance Waste Treatment Efficiency: For the waste generated, we will continuously optimize treatment processes and collaborate with academic institutions to improve resource recycling and reuse rates, thereby reducing environmental impact.
 - Domestic waste will be managed by engaging professional and certified disposal contractors for incineration. Resource recycling and classification will be handled by the contracted cleaning company.
 - Industrial waste is managed in accordance with the "Chunghwa Telecom Co., Ltd. Material Management Regulations" and relevant government laws and regulations, such as the "Waste Disposal Act," the "Methods and Facilities Standards for the Storage, Clearance, and Disposal of Industrial Waste," and the "Industrial Waste Disposal Plan." This ensures effective classification, storage, clearance, and disposal management.
- Source Reduction: Currently, the recycling and reuse rate of waste optical fiber cables is not 100%. Through precise construction and the specification of optical fiber cable materials, we aim to achieve source reduction of industrial waste, improve supplier production processes, and optimize resource utilization.
- Circular Economy: By encouraging all departments to make use of the "Second-hand Asset Auction System" before materials become obsolete or waste, to create value. Alternatively, usable equipment can be retained or donated to rural schools and disadvantaged groups, benefiting both parties.
- Waste and Plastic Reduction: Moving towards a complete ban by 2030, in line with government regulations on reducing four types of single-use plastic products: plastic straws, beverage cups, shopping bags, and disposable tableware. We will adopt reusable containers such as circular cups or environmentally certified reusable containers.

- Strengthening Resource Recycling: Enhance recycling and reuse efforts for materials such as paper, plastic, and metal, and establish effective recycling channels with professional firms.
 - Reducing Packaging Usage: Optimize product packaging design to minimize the use of unnecessary packaging materials, thereby reducing the amount of packaging waste generated.
 - Promoting Green Procurement: Prioritize the selection of eco-friendly products and materials, encouraging suppliers to provide environmentally friendly products. Our goal is to achieve over 50% of total procurement value from green procurement by 2035.
 - Encouraging Employee Participation: Through training and promotional activities, we encourage employees to actively participate in waste management, raising awareness levels, and collectively promoting environmental protection.
3. Monitoring and Evaluation:
- To strengthen the understanding of the importance of resource reduction, recycling, and reuse, in addition to setting relevant reduction plans and goals and adhering to the 5R principles of waste reduction, we utilize the EARTH system for systematic management of recycling and waste disposal.
 - EARTH Environmental Management System: The EARTH system regularly monitors data on waste generation and recycling processing. Monthly reviews and follow-ups are conducted for departments that do not meet targets.
 - Within regulatory deadlines, businesses must report their waste to the Ministry of Environment's Industrial Waste Reporting and Management Information System, detailing waste production, storage, and commissioned disposal by the end of the previous month. Upon completion of waste disposal, the commissioned waste disposal contractors must submit a "Proper Disposal Record of Industrial Waste" in written form.
4. Training and Promotion:
- Waste Management Training: Regularly conduct relevant training sessions to enhance employees' knowledge and skills in waste classification and disposal.
 - Promotional Activities: Organize promotional activities across all areas to advocate waste reduction and recycling, promoting environmental awareness and encouraging employees to actively participate in waste management.