

ITU-T

TELECOMMUNICATION
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OF ITU

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SERIES L: ENVIRONMENT AND ICTS, CLIMATE
CHANGE, E-WASTE, ENERGY EFFICIENCY;
CONSTRUCTION, INSTALLATION AND PROTECTION
OF CABLES AND OTHER ELEMENTS OF OUTSIDE
PLANT

E-waste and circular economy

**General principles for the green supply chain
management of information and communication
technology manufacturing industry**

Recommendation ITU-T L.1060

ITU-T L-SERIES RECOMMENDATIONS

ENVIRONMENT AND ICTS, CLIMATE CHANGE, E-WASTE, ENERGY EFFICIENCY; CONSTRUCTION, INSTALLATION AND PROTECTION OF CABLES AND OTHER ELEMENTS OF OUTSIDE PLANT

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Recommendation ITU-T L.1060

General principles for the green supply chain management of information and communication technology manufacturing industry

Summary

Recommendation ITU-T L.1060 focuses on establishing general principles for the green supply chain (GSC) management of information and communication technology (ICT) manufacturing industry. It mainly gives the general principles for the green properties including upstream and downstream suppliers, logistics, recycling and utilization based on the product whole life cycle. General requirements such as the green supply chain management strategy, implementation, green production, recycling, and green information disclosure will be proposed as well.

History

Edition	Recommendation	Approval	Study Group	Unique ID*
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Green supply chain, ICT.

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FOREWORD

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The World Telecommunication Standardization Assembly (WTSA), which meets every four years, establishes the topics for study by the ITU-T study groups which, in turn, produce Recommendations on these topics.

The approval of ITU-T Recommendations is covered by the procedure laid down in WTSA Resolution 1.

In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

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Recommendation ITU-T L.1060

General principles for the green supply chain management of information and communication technology manufacturing industry

1 Scope

This Recommendation specifies the general principles for the green supply chain (GSC) management of information and communication technology (ICT) manufacturing industry and also the requirements for planning, implementation and control, performance evaluation, management review and continuous improvement of the product life cycle.

This Recommendation applies to the GSC management of ICT products manufacturing enterprises, covering the entire life cycle of ICT products, including green design, green procurement, green logistics and warehousing, green sales and after-sales service, and green recycling and integration. It also could be used by upstream and downstream suppliers (e.g., suppliers, logistics providers, distributors, after-sales service providers, recyclers, and enterprises from other industries.)

2 References

The following ITU-T Recommendations and other references contain provisions which, through reference in this text, constitute provisions of this Recommendation. At the time of publication, the editions indicated were valid. All Recommendations and other references are subject to revision; users of this Recommendation are therefore encouraged to investigate the possibility of applying the most recent edition of the Recommendations and other references listed below. A list of the currently valid ITU-T Recommendations is regularly published. The reference to a document within this Recommendation does not give it, as a stand-alone document, the status of a Recommendation.

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|----------------|---|
| [ITU-T L.1032] | Recommendation ITU-T L.1032 (2019), <i>Guidelines and certification schemes for e-waste recyclers</i> . |
| [ITU-T L.1400] | Recommendation ITU-T L.1400 (2011), <i>Overview and general principles of methodologies for assessing the environmental impact of information and communication technologies</i> . |
| [ITU-T L.1410] | Recommendation ITU-T L.1410 (2014), <i>Methodology for environmental life cycle assessments of information and communication technology goods, networks and services</i> . |
| [ITU-T L.1420] | Recommendation ITU-T L.1420 (2012), <i>Methodology for energy consumption and greenhouse gas emissions impact assessment of information and communication technologies in organizations</i> . |

3 Definitions

3.1 Terms defined elsewhere

This Recommendation uses the following terms defined elsewhere:

3.1.1 ICT goods [ITU-T L.1400]: The tangible products deriving from or making use of technologies devoted to or concerned with (a) the study and application of data and the processing thereof; i.e., the automatic acquisition, storage, manipulation (including transformation), management, movement, control, display, switching, interchange, transmission or reception of a diversity of data; (b) the development and use of the hardware, software, and procedures associated with this delivery; and (c) the representation, transfer, interpretation, and processing of data among