

Nokia in brief

environment

www.nokia.com/insight/environmental



Technology as an enabler

The technologies of the Mobile Age are opening new roads of sustainable development. The rise of mobile communications, combined with better product design, tighter control of production processes, and greater reuse and recycling are all helping to reduce the use of resources.

But technology as such will not decide the course of development. Much will depend on individual lifestyle choices – values, culture and behavior. How will we use the new freedom that advanced technology brings?



Our intent

Commitment to environmental issues is an integral part of Nokia's corporate culture. Our goal is to develop advanced human technology – products and services with no undue environmental impact that are efficient energy consumers and can be reused, recycled or disposed of safely.



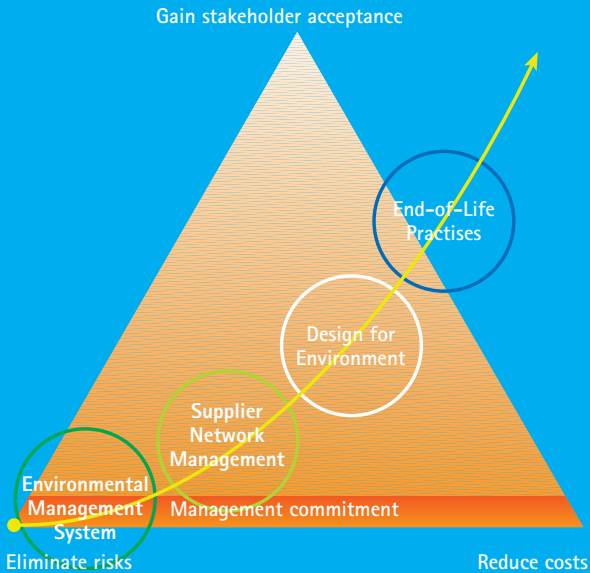
Focus on environment

Taking care of the environment means first eliminating risk. Focus on environmental issues enables companies to gain stakeholder acceptance as well as achieve financial benefits and broader business opportunities.

At Nokia, environmental activities are everybody's business and integrated into every aspect of company life.

We believe in life-cycle thinking, eco-efficiency and sustainability – respecting nature and the needs of future generations. Co-operation with all stakeholders is at the heart of Nokia's drive for a credible environmental performance.

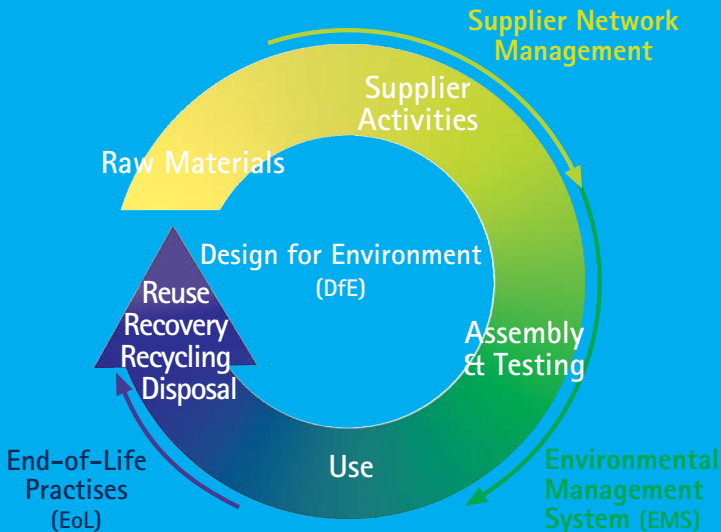




Life-cycle thinking

Nokia's environmental activities are based on life-cycle thinking. The goal is to reduce adverse environmental effects during our product life cycles. This is done by managing our own operations and our supplier network, incorporating Design for Environment (DfE) into our product development, processes and service design and supporting sound End-of-Life practises.





EMS

All Nokia production sites have ISO 14001 certified environmental management system (EMS). We also require this of our main contract manufacturers. In addition, we expect our suppliers to have a documented EMS in place.

Nokia's main goals in EMS are decreasing energy consumption and improving waste management, combined with employee training in these areas. EMS brings significant environmental improvements and cost savings.

EMS



Suppliers

Nokia has a strict set of environmental requirements for all its suppliers. The approval process for a Nokia supplier includes also an environmental assessment.

Environmental management is an integrated and routine part of Nokia's daily sourcing activities, not a separate exercise. This ensures proper and credible communication with our suppliers.

Suppliers



Design for Environment

For Nokia, Design for Environment (DfE) means integrating environmental considerations systematically into the development of all products, processes and services.

Nokia's DfE is firmly based on life-cycle thinking. It aims to satisfy the requirements of customers and other stakeholders in a way that has less environmental impact.

DfE involves design procedures that minimize material and energy consumption while maximizing the possibility for reuse and recycling.

End-of-Life Practises

Effective recycling closes the life-cycle loop and returns energy and materials back to circulation. At every stage of the product life cycle, from the extraction of raw materials to the end of use phase, Nokia is looking for ways to reuse and recycle materials as well as dispose of waste safely.

In product design we begin with the end. Clearly, greater eco-efficiency can be achieved when product design teams work closely with recyclers and others involved in end-of-life treatment.

NOKIA

CONNECTING PEOPLE

