

# Environmental Targets and Results

We set environmental targets and work to achieve them—based on TEL Credo and Principles on Environmental Preservation.

On September 25, 1998, TEL established the Credo and Principles to define its approach to environmental protection.

TEL promotes its environmental protection activities on the Credo and Principles.

The plans and results for FY 2003 are shown in the table below, along with plans and targets for FY 2004 and beyond.

## Environmental Targets and Results

	FY 2003 Plan	Results	Evaluation	Plans and Targets for FY 2004 and Beyond	See
Eco Products	Introduce life cycle assessment (LCA)	Implemented LCA for all products	○	Apply LCA to all new products	P12
	Promote the introduction of lead-free solder	Eco Design Working Group studied lead-free solder and set target dates for introduction	○	Start task teams with representatives of each business unit, and go fully lead-free by the end of 2005	P13
	Promote green procurement	Helped low-ranking suppliers (based on the results of assessments) make improvements	○	Re-assess suppliers, review business relationships	P14
Eco Factories	Study potential to achieve zero emissions. Set targets	Defined the concept of zero emissions in the context of TEL businesses. Set targets and deadlines	○	Achieve zero emissions at all production facilities FY 2006. Increase whole TEL recycling rate to over 90%	P16
	Reduce energy consumption (by 1% CO <sub>2</sub> emissions per unit of sales, based on the Law Concerning the Rational Use of Energy)	As a result of energy conservation efforts at each location, reduced energy conservation by 8% per unit of sales	○	Promote further energy conservation. Achieve 1997 standard levels of energy use per unit of sales	P17
	Determine amounts of chemicals used that are subject to PRTR reporting	Succeeded in determining amounts	○	Continue monitoring amounts of existing and new chemicals. Reduce amounts used	P19
	Expand EHS activities in overseas factories	Determined conditions overseas	△	Take next steps based on information obtained	—
EHS Management System	Develop global EHS organizational structure	Created Global EHS Committee. Established four working groups and reviewed entire organization	○	Expand activities in each organization. Communicate smoothly with overseas operations	P21
	Implement TEL Eco-Activity (basic environmental management system) at office facilities	Launched activities at each location	○	Promote activities further. Work toward ISO14001 certification at Tokyo Electron Device	P22
	Introduce occupational health and safety management systems at production facilities	Introduced at many locations. Implemented risk assessments and risk reduction plans	○	Promote introduction at facilities not yet covered. Promote risk assessments and risk reduction plans	P22
	Develop EHS assessment system	Trained assessors and conducted EHS assessments at two facilities	○	Promote assessments at facilities in Japan, and consider applying at production facilities overseas as well	P23
	Promotion of activities at overseas offices	Started to assess activities in each region and started to prepare educational materials	△	Implemented environmental education, considered introduction of environmental management system, including TEL Eco-Activity, etc	—

○ Achieved target △ Achieved 80% of target × Achieved less than 80% of target

### Promoting Environmentally-friendly Product Design—Industry-Wide

TEL is following two tracks to reduce the burden on the environment. One focus on the impact that occurs when our customers use our products and the other on the impact from our own production processes.

In design and development, we make an effort to consider whether it is possible to use gases with low greenhouse gas coefficients and reduce the amounts of pure water and electricity consumed when customers use TEL semiconductor production equipment. We do not stop there, of course. We also work through other initiatives such as holding seminars to raise the overall industry's awareness about environmental impact.

Meanwhile, in terms of production activities of TEL, we are aggressively promoting efforts to raise our recycling rates at factories nationwide in Japan. We are implementing efforts to achieve "zero emissions" this fiscal year in the Kyushu region, in the Tohoku region in FY 2005, and in the Yamanashi region by FY 2006. We also believe that by shortening manufacturing lead times for semiconductor production equipment and eliminating waste on the assembly line, we can not only reduce production costs, but also considerably reduce environmental impact. TEL has traditionally had a culture that emphasizes safety in production activities, but at the same time, we are actively working to consider the environment.



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