

ISO 9001



ISO 14001



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Engineering Department.

All photographs used in this report were
in the vicinity of the plant.



FORD OTOSAN KOCAELI PLANT



Environmental
Report
2003
2004

FORD OTOSAN

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Conservation of Natural Habitats

In order to protect the ecosystem, our values in landscape management are as follows:

- To protect and enhance the beauty of the natural habitat.
- To accommodate employees and visitors with an ecologically diverse and alluring environment.

During landscape architecture:

- Plants and trees with minimal water needs were selected.
- The automatic sprinkler system was positioned in specific areas to minimize water consumption.
- During construction, soil was collected and stored to be reused for landscaping and planting.



- Although the use of PVC is not restricted by law, Ford Otosan limits its use to 0.4% of the vehicle weight and further attempts to reduce this level.
- The air-conditioning systems in both Transit and Transit Connect use the ozone-friendly gas, R134A.
- The air-conditioning system can automatically detect high pressure, which prevents gas leaks.



"Whoever we are, wherever we live, we should be extremely sensitive to our environment. We should never forget; once damage is done, it is very difficult, even impossible to repair it."

Rahmi M. Koç,
Koç Holding Honorary Chairman

"A good company delivers excellent products and services; a great one delivers excellent products and services and strives to make the world a better place."

Bill Ford,
Ford Motor Company Chairman



Ford Otosan Environmental Report

This is the second edition released since Kocaeli Plant opening in 2001. Below you will find our 2003-2004 Environmental Report.

Ford - Otosan Environmental Policy

- Reducing and where appropriate preventing air pollution, water pollution, spills and noise.
- Reducing, reusing and recycling of waste and packaging.
- Developing ways of preserving natural resources such as energy and water.
- Improving the efficiency of energy and material usage.
- Controlling the environmental aspects of on-site contractors.
- Controlling and minimizing the environmental aspects of future products, processes and activities.



Products and Materials

The environmental awareness displayed in the production process is also applied in the design of our products. Below are the measures taken to ensure that our new product, the Transit Connect, follows our previous environmental criteria:

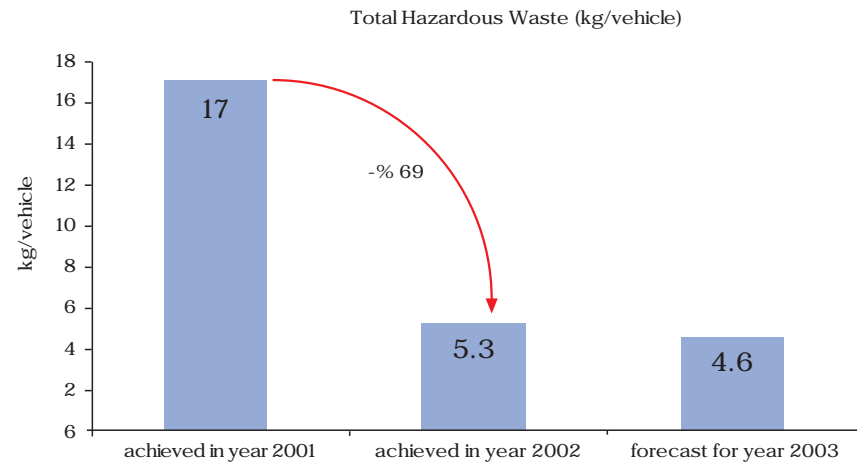
- 90% of car parts is recyclable, which is above Ford's European standards.
- The use of heavy metals in vehicles has been minimised according to the European Parliament Directive 2000/53 and will be reduced to zero by July 1, 2005, two years before the date set in this directive.
- All plastic parts indicate what material they are composed of in order to expedite the dismantling of parts at automotive junkyards.



Waste Management

Activities in reducing waste:

- Reducing the level of hazardous waste by decreasing the use / disposing of materials (i.e. clothes, gloves) that are contaminated.
- Collecting waste oil and solvents and sending them to licensed recycling companies. In 2002, 135 tons of hazardous waste was recycled.
- Collecting recyclable material separately at the source of production, thus enabling the reuse of materials such as plastic, paper, nylon and cardboard.
- Continuous and ongoing efforts to decrease waste by the Waste Management Team.



Corporate Citizenship

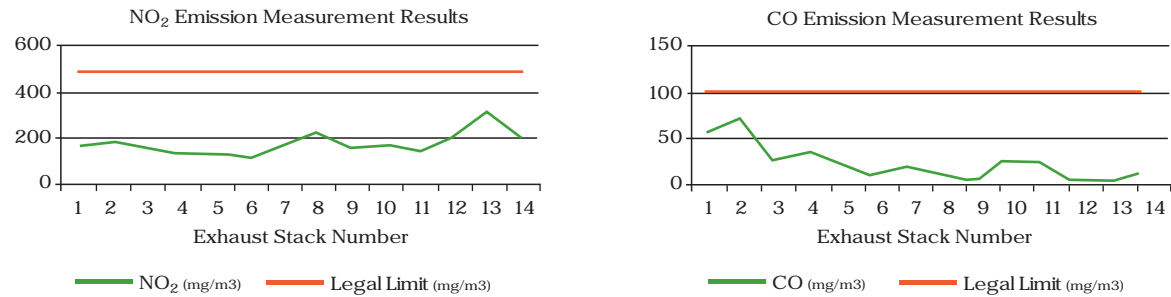
Our activities in Gölcük are currently centered around training. Over 50 students, from the Gölcük Automotive Vocation School, have recently been admitted to our 10-week internship program at the Kocaeli Plant. Students will be taught the essential elements of automotive production as well as the underlying social infrastructure - including safety at the workplace and environmental issues.

Ford Otosan took part in the 2001 "Ecological Products Week" fair in order to communicate its commitment to preserving the environment. These range from environmental research to adapting the production process in order to create an environmentally friendly product.



Plant Emissions and Energy

On account of our air emissions program, Ford Otosan is well below the regulated emission limit. The Ministry of Health has warranted our plant an 'A-Class Emission License', based on our compliance with both internal and external measures.



Natural Gas does not contain Sulphur, thus Sulphur emissions are naturally measured as "0". Consequently, sulphur emissions are not shown graphically.

Activities carried out to decrease voc emissions (kg voc per vehicle m²) (air per vehicle m²) have proven successful as Ford Otosan is well below the industry average.

Work carried out by the Plant Energy Committee during this period:

- Introduction and initiation of the 'building automation system'.
- Connecting the paint shop air dryers to a single collector, thus closing down unnecessary dryers.
- Reducing de-ionised water consumption and waste water with the optimization of the cataphoresis paint line.
- Color coding the energy saving sections to ensure participation by the entire staff.



Waste Water Treatment

An analysis was carried out to test Ford Otosan's waste water treatment. The results indicated that the waste water discharged by Ford Otosan is below the regulated limit.

