

Environmental Impact Analysis for Trucks

Nissan Diesel examines the environmental impact of trucks across the entire life cycle, from the time trucks are developed and designed until their disposal. We exercise care to use resources effectively and minimize the environmental impact at every stage.

1 Development and Design

We develop vehicles in accordance with laws and regulations and our own environmental standards with the aim of reducing the environmental impact across the entire life cycle of our trucks.

2 Procurement of Materials and Parts

When procuring materials, we examine materials currently used so that we can switch to more environmentally-friendly items wherever possible.

When procuring parts, we ask suppliers to use the same green procurement standards as we do in order to make parts with the smallest possible environmental impact.

3 Manufacturing

We use materials, energy, water and other resources responsibly and take steps to reduce CO₂ emissions. Other measures are aimed at preventing air and water pollution and lowering vibrations and noise generated by manufacturing activities. We are also working on achieving zero emissions,

in which waste sent to landfills is virtually eliminated. In this way, we are taking every action possible to minimize our environmental impact.

When procuring and transporting materials and parts, we use space on trucks efficiently to hold down CO₂ emissions. We also have programs to reduce the volume of packaging materials used and promote the use of returnable packaging and shipping materials.

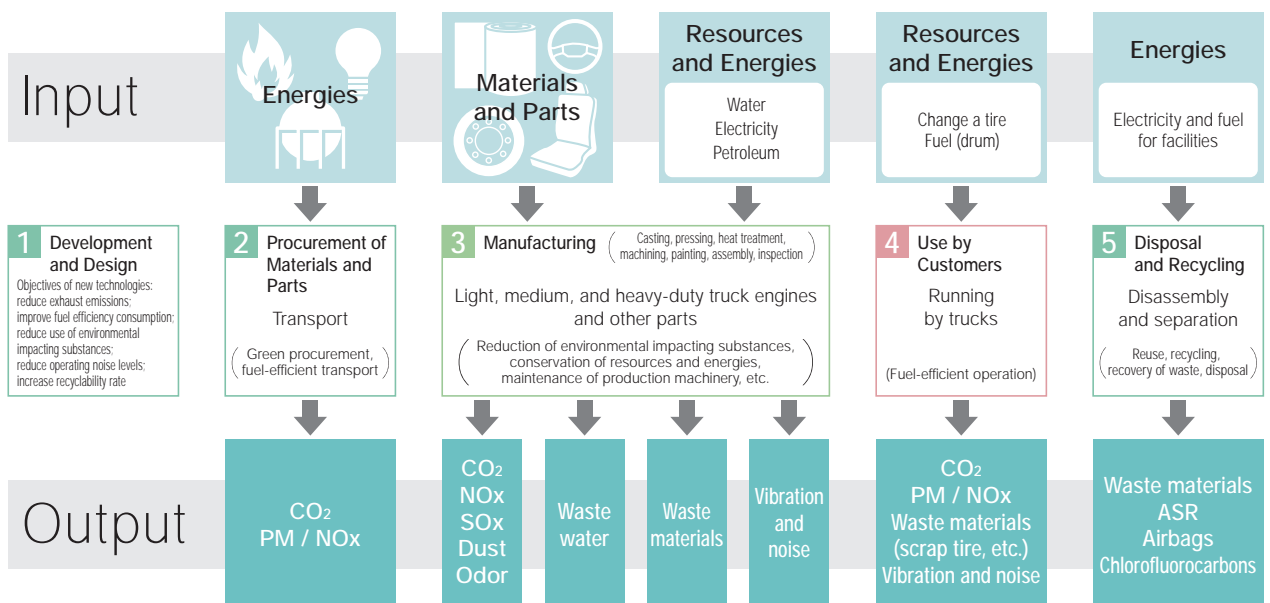
4 Use by Customers

We help customers to operate our trucks efficiently to lower fuel consumption in order to benefit fully from the outstanding environmental performance of Nissan Diesel trucks. CO₂ emissions during the operation of a truck account for the majority of its environmental impact over the entire life cycle. Measures to lower these emissions are an extremely important and effective element of environmental protection activities.

5 Disposal and Recycling

End-of-life trucks are a source of used parts, materials for recycling and other items that can be reused. But some materials must be discarded. We are working with other automobile manufactures to seek more ways to dispose of and recycle these materials so that we can use resources more effectively.

Business Activities and Their Environmental Impact



Environmental impact of a truck over its life cycle is mostly emissions of CO₂ and other exhaust emissions (mainly PM and NO_x).