

NISSAN SHATAI CO., LTD.  
NISSAN SHATAI KYUSHU CO., LTD.

# Environmental & Social Report 2023





Nissan Group's Environmental Principle

# Symbiosis of People, Vehicles and Nature

Nissan Shatai's Environmental Principle

Nissan Shatai recognizes the importance of protecting the environment, strives to produce vehicles that are kind to nature, to people and society and contributes to protecting the environment and to the development of a prosperous society.

Nissan Shatai & Nissan Shatai Kyusyu Environmental Policy

Each and every Nissan Shatai employee fosters a mindset of valuing the environment and encourage all divisions to be constantly mindful of the environmental impact of automotive manufacturing. Taking the Nissan Green Program as our model, we implement environmental policies that aim to achieve symbiosis of people, society, nature, and vehicles.

1. We must comply with all environmental requirements, including prefectural and local government ordinances as well as national laws and regulations.
2. To protect the environment, we must commit to the following:
  - 1) Efficient use of energy in production facilities and offices with the objective of reducing CO<sub>2</sub> emissions
  - 2) Appropriate management and reduction of waste materials and increase in the recycling of resources
  - 3) Prevention of events that could lead to environmental pollution.
3. In designing and developing vehicles, we must consider their environmental impact in terms of factors including fuel consumption, emissions, and recycling.
4. As well as nurturing a corporate climate that values harmonious community relations, we must strive to communicate effectively with local residents by proactively sharing information.
5. To achieve even higher levels of environmental performance, we must continually improve our environmental management systems.

Takuya Nakamura

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# Efforts in the Product Development Process



## Improving Fuel Efficiency

Caravan gasoline models have achieved "FY2015 Fuel Economy Standard +15%, +10%, +5%" and diesel models have achieved "FY2015 Fuel Economy Standard +15%" by improving the engine and adopting 7-speed AT. NV200 Vanette Van 2WD and AD 2WD have achieved "FY2015 Fuel Economy Standard +25%" by improving the engine, adopting CVT, adopting idling stop system, etc.



CARAVAN



NV200 VANETTE



AD

## Reduction in Environmental Substance

Heavy metal compounds

Lead: Eliminated (some exclusions including batteries, electronic circuit boards and electrical application solder)

Mercury (and cadmium): Eliminated (some exclusions including discharge headlamps and fluorescent lamps for displays)

Hexavalent chromium: Eliminated (some territories excluded but in these cases Nissan has set its own targets and is working to reduce use)

Specified bromine flame retardants

Eliminated

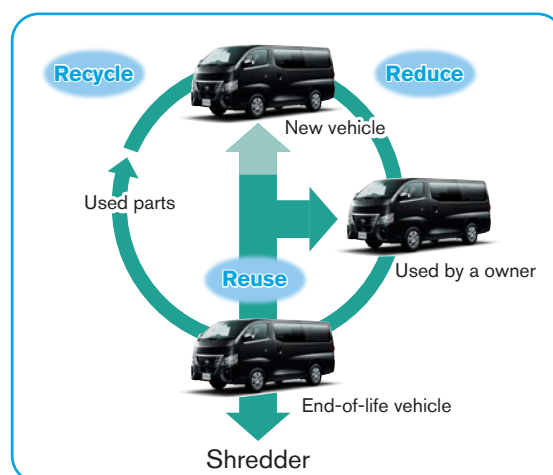
## Improvement of Recycling Efficiency

We implement vehicle development under the concept of "3 Rs". The first R refers to "Reduce", to design vehicles that are less resource-consuming with a longer lifetime.

The second R is "Reuse" meaning that, before end-of-life vehicles are shredded for disposal, vehicle parts are removed and given a new life as used parts.

The removed parts are also used as raw materials ("Recycle").

Recycling rate of NV350 CARAVAN is over 95%.



## Parts recycled from the NV350 CARAVAN



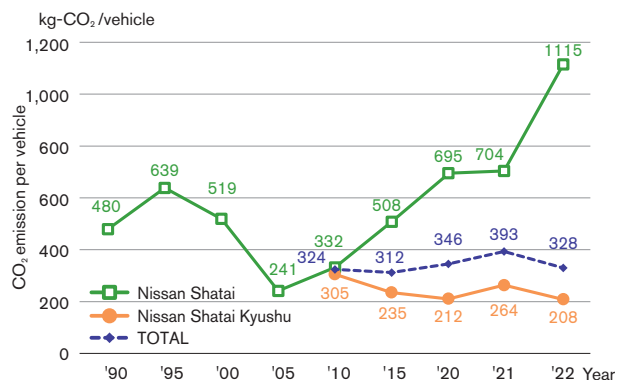
# Efforts in the Production Process



## Curbing Global Warming

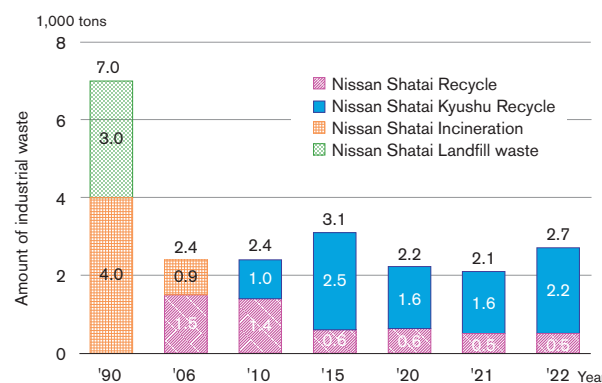
The amount of CO<sub>2</sub> emission in 2022 of Shonan plant was 20,915 tons achieving the year 2022 target of 22,478 tons.

Nissan Shatai Kyushu plant was 25,625 tons achieving the year 2022 target of 27,086 tons.



## Reduction of Waste

We are working to promote recycling of the waste generated in the vehicle production process. We are also engaged in reducing the volume of waste generated. We achieved a recycling rate of 100% in fiscal 2006 and we are continuing to maintain the same rate in fiscal 2022.



## Reduction in Chemical Substance Release

The amount of the emission of volatile organic compound in fiscal 2022 of Shonan plant achieved 2022 year target of 43.1g/m<sup>2</sup>. Nissan Shatai Kyushu plant achieved 2022 year target of 30.9 g/m<sup>2</sup>.

Shonan Plant handled a total of approximately 197.2 tons of 8 substances subject to PRTR.

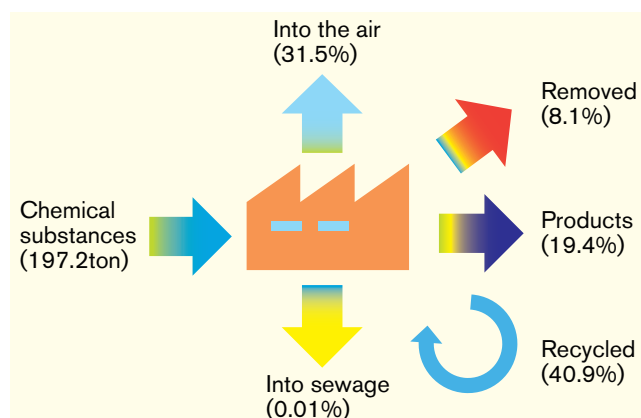
Hadano Area handled a total of approximately 2.7 tons of 2 substances subject to PRTR.

Techno Center handled a total of approximately 0 tons of 0 substances subject to PRTR.

Nissan Shatai Kyushu Plant handled a total of approximately 758.9 tons of 14 substances subject to PRTR.

[PRTR:Pollutant Release and Transfer Register]

### Shonan Plant Material Balance



### Nissan Shatai Kyushu Plant Material Balance

