

GPN-GL9 Purchasing Guidelines for

Automobiles

Green Purchasing Network (GPN)

1. Scope

These guidelines cover important environmental and social issues that should be considered when purchasing automobiles. The scope of the guidelines includes passenger vehicles and small-, medium- and large-sized cargo vehicles that use gasoline or gas oil as fuel, LPG vehicles, electrical vehicles, natural gas vehicles, hybrid vehicles, plug-in hybrid vehicles, fuel cell vehicles, hydrogen vehicle, and clean diesel vehicles.

2. Guidelines

When purchasing automobiles, the following articles should be considered for purchasing products with as little negative environmental and social impacts as possible.

- (1) High fuel efficiency and low carbon dioxide (CO₂) emissions
- (2) Low emissions levels of nitrogen oxides (NO_x), non-methane hydrocarbons (NMHC), carbon monoxide (CO), particulate matters (PM), and black smoke
- (3) Use of small amounts of refrigerants for air conditioners with minimal impacts to ozone layer depletion and global warming
- (4) Use of minimized levels of lead, mercury, cadmium and hexavalent chromium compounds to the utmost extent possible
- (5) Made with a large amount of post-consumer recycled materials
- (6) Made with a large amount of bio-based plastic or synthetic fibre that has been produced in consideration of sustainability
- (7) Low external noise level

3. Information Requirements

- Product design for recycling
- Challenges on conflict minerals and responsible procurement of minerals

*These guidelines are subject to change in accordance with new findings and changes in social conditions.

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