

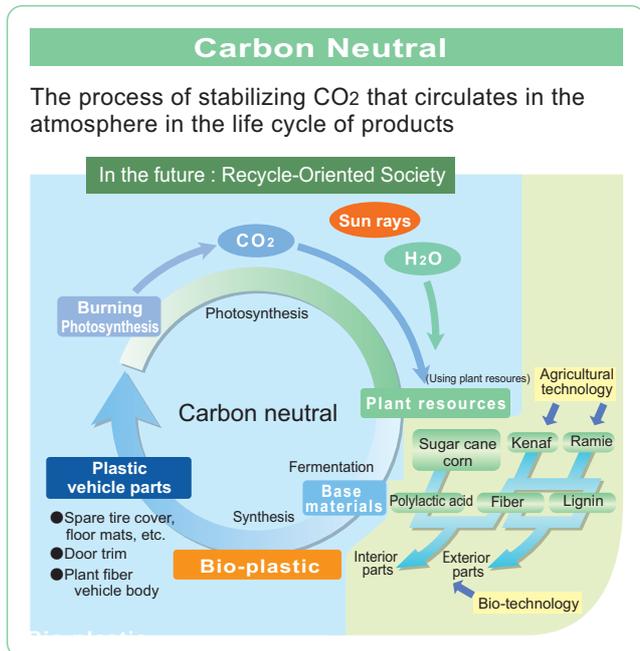
Promotion of New Operations That Contribute to Environment *Kaizen*

For developing environmental products, we are making efforts for technology development and commercialization in our aim for next-generation vehicles through development of motor power control systems and fuel cells for very small eco-cars that eliminate CO₂ emissions, as well as research of plant materials that solidify CO₂ with the aim to control global warming.

In addition, we are also actively promoting waste recycling operations and environmental analysis operations as environmental businesses.

■ Plant Material Technology Development

We are developing technologies for reproducing new materials that aim toward next-generation vehicles, and we are processing plant materials (Kenaf) that absorb high levels of airborne CO₂.



Paris-Dakar Rally Entry Vehicle: Toyota Land Cruiser 100

By developing Kenaf board to be commercialized for outer vehicle body sheeting, the boards were used on the Land Cruiser (No. 3) that entered the Paris-Dakar Rally. Toyota Auto Body is progressing with further development of this technology in aiming to commercialize the Kenaf boards for next-generation vehicles.



Rear door panel (Kenaf material)

■ Development of Fuel Cell and EV Constituent Technologies

Based on the motorbike minicar COMS, we are making efforts to develop compact highly-efficient fuel cell systems for very small eco-cars, and also use lithium batteries and develop charging systems.



COMS that uses a lithium battery

■ Environmental Analysis Operations

In October 2000, Inatec Co., Ltd. became a separate and independent company from Toyota Auto Body and became an approved by Mie Prefecture as an agency for measuring environmental operations and as an environmental measurement certifying business. Also, in February 2004, Inatec became a designated survey organization based on the Environment Ministry's law for countering soil pollution and Inatec performs environmental analysis of water, air, and soil quality.

Toyota Auto Body is contributing to environmental conservation activities of the community and industry through surveys of river and stream, water quality, and soil, as well as surveys and analysis of SOC relating to vehicles and parts of the Toyota Group and all group part manufacturers.



Inatec Co., Ltd. company building

■ Waste Recycling Businesses

At Mikawa Setsubi Co., Ltd. is expanding production waste recycling (plastic waste, fluorescent tube waste, dry cell batteries etc.) as its Eco-business, and also installing and maintaining building and ancillary equipment as a comprehensive maintenance company. Moreover, Mikawa Setsubi Co., Ltd. is making efforts to make the workplace and the social environment pleasant with our motto of "Creating an Environment That is Kind to Humans and Our Earth," as a central task in our work.



Mikawa Setsubi Co., Ltd. company building