

Toray proposes a new eco-conscious lifestyle with ecodear



Beautiful Earth.

To pass this environment rich in water and greenery on to future generations . . .

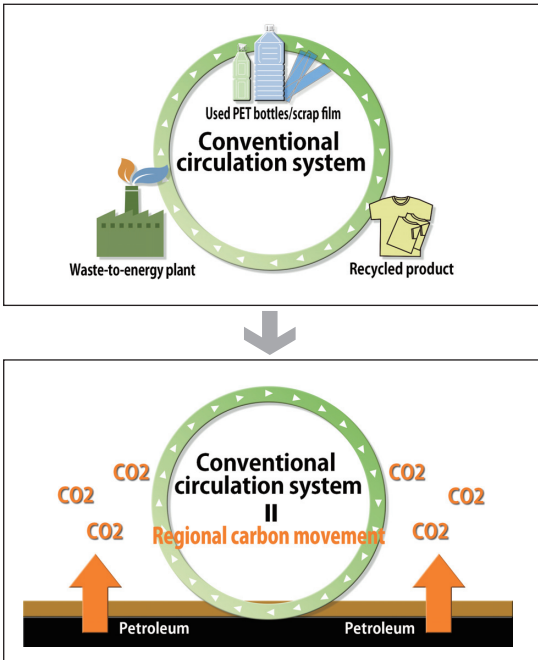


We are dedicated to creating plant-based polymer materials and products.

Important challenges for the future of our planet include producing various polymer products from renewable biomass, as well as creating a new source of renewable energy to address the issue of resource depletion.

We recognize that and produce plant-based polyester from sugarcane and other plant sources..

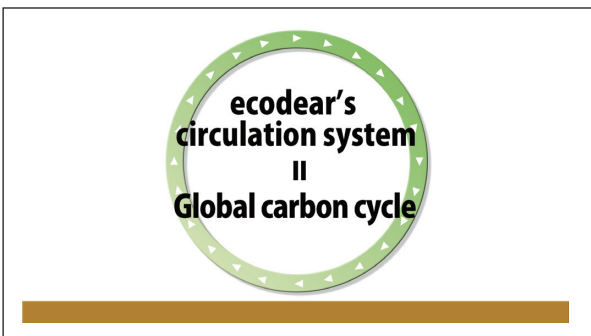
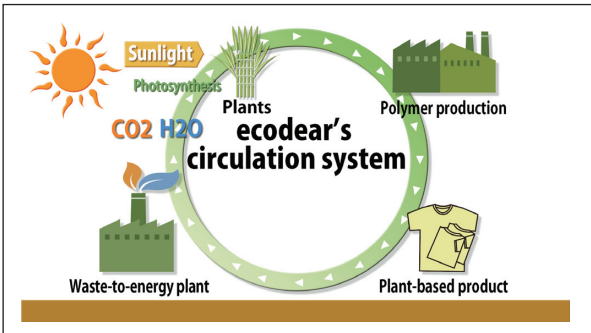
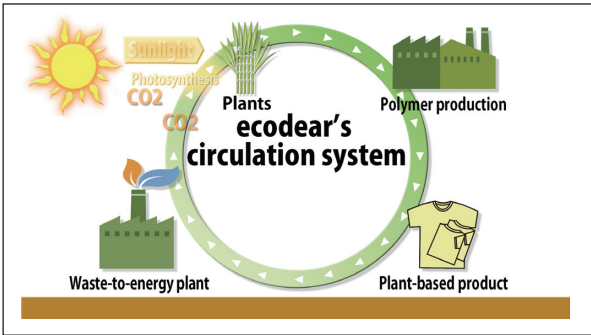
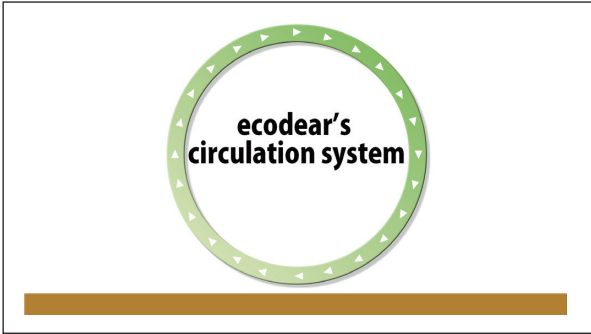
We also propose a new eco-conscious lifestyle that will help solve the issues a conventional resource-circulating system generates.



In that system, petroleum-based PET products are collected and recycled after use, and eventually burned.

Therefore, the conventional system leads to the formation of one-way CO₂ emissions from below ground into the atmosphere, resulting in regional carbon movement.

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ecodear
Plant-based Polyester

“ecodear” presents a global carbon cycle occurring above ground.

Plants absorb CO₂ from the atmosphere by photosynthesis.

If plant-based plastic products undergo combustion, such as to convert waste to energy, carbon absorbed by the plants from the atmosphere simply returns to the atmosphere, so there is no overall increase in atmospheric CO₂ concentration.

Promoting the use of plant-based polymer materials and products globally . . .

We make an active contribution to global efforts toward building a sustainable low-carbon society.

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Plant-based Polyester