

Committed to the Environment



Keio University

Founded in 1858, Keio University, a Japanese educational institution spanning primary, secondary and tertiary levels, has long placed strong emphasis on environmental issues in its approach towards education, research, medical care, social contribution and campus infrastructure.

The following activities highlight Keio's commitment to its vision of an environmentally sustainable future:

Center for Energy and Environment

This research organization promotes the collaboration of environment and energy researchers across various faculties and fields. Its recent achievements include the development of an **Electric Lithium-Ion Car (Eliica)**, the proposal of **Cluster-typed Energy Management System (CEMS)**, the CDM project **"Small-scale Afforestation for Desertification Combating at Kangping County, Liaoning Province, China"** approved by Designated National Authorities and the development of the **Global Climate Change Adaptation Network in Asia and the Pacific** approved by UNEP.

cee.keio.ac.jp



Himawari (Sunflower)

The device follows the sun automatically and sends sunlight through a fiber-optic to the potted tree placed within a building.



Tree planting

Tree planting projects which have been taking place since the 1950's have led to the creation of 17 forest areas across Japan, covering more than 160 hectares of land. Every year, students across all levels are involved in the planting of trees and the care and monitoring of forests.



CASBEE Assessment

The Comprehensive Assessment System for Building Environmental Efficiency (CASBEE) recently awarded Keio University top marks (S ranking) in an assessment of two of Keio's newest buildings, namely, Collaboration Complex and Independence Wing. This assessment recognized the use of a cogeneration system, ice thermal storage system and heat island prevention measures as significantly contributing to the environmental efficiency of the University.

Eliica (Electric Lithium-Ion Car)

The 8-wheel all-electric concept car has a top speed of 370 km/h (230 mph).

