

Takenaka Corporation

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Policy for the future:

As an integrated engineering firm for urban creation—an important part of our Group Growth Strategy—we are developing our Takenaka Biodiversity Promotion Program in line with our Biodiversity Action Guidelines. Activities include the Seiwadai Forestation Project at our Training Center, research and development into biodiversity at our Research and Development Institute and developing the core human resources who can act for solutions to a wide-range of social issues. In addition to expand the scope of construction projects that will contribute to the protection of biodiversity, we plan to develop green infrastructure technology and internal standards as a comprehensive and multi-purpose solution to social issues. We will promote initiatives for biodiversity.

Setting Up an Experimental Field in the Takenaka Research and Development Institute to Promote R&D for Green Infrastructure Technology

In 2019, we set up the SHI-RA-BE Forest within our institute premises in Chiba Prefecture as an experimental field to conduct research into green infrastructure technology and the restoration of diverse landscapes that takes account of local ecological characteristics. Utilizing the soil seed bank, we are working to restore the woodlands, meadows, farmlands and marshlands that constituted the landscape of the North Chiba area, spreading across its hills and valleys. The program also helps to preserve rare botanical species in the surrounding areas, as well as creating a habitat for birds and flying insects. In the rain garden within the forest, we are assessing the effects of flood risk reduction for a city in the event of torrential rain.



Rain garden in normal weather



Rain garden during torrential rain

Seiwadai Forestation Project in the Takenaka Training Center in Hyogo Prefecture

Our employees participate voluntarily in this forestation project, which is an opportunity to work in a natural environment and experience what is involved in protecting a local Satoyama (village forest area). Through hands-on workshops that target employees of all types and ages, we provide knowledge about biodiversity and raise awareness of this important topic. The biodiversity knowledge that employees acquire through the program is expected to improve their skills and be utilized in construction work. As well as advancing our biodiversity R&D, we are also actively disseminating biodiversity-related information through close relationships with local stakeholders, including local governments, citizens and other corporations, expanding our scope of activities with a vision of future collaboration.



Future prospects of the Seiwadai Forestation Project



Plant observation in hands-on forestation workshop