

■ Design Background

Tokyo is one of the biggest cities in the world. But as the economy grows, for example, urban expansion or industrialized bay area, a lot of plants and the place to bring up living things have been harmed. So the congested city has made people search for a place where one can feel a sense of belonging, and the beautiful natural environment has been needed.

The artificial island that we planned here exists as the base of new green environment and plays several roles, for instance, favorable place to live, a resort facility with beach, or new place for living things.

• Design Concept

The artificial island is designed to continue in existence in 50 and 100 years time. The shape of the island is designed along the current of the Arakawa River, the Kyu-Edo River and the tide. The beach and forest grow over a long period of time.

F island

future & forest

year 1 ▶ 50 ▶ 100 ▶

Growth
of forests



Deposition
of sand



Prosperity
of residence



• Biological Diversity

In the island, tree species which is suitable for living on a beach, like machilus thunbergii, grow naturally. Rain which is accumulated at one point becomes pond or stream for living things. Birds move to this island and build nests. Some plants are brought by the birds, so they will grow in the island.

• Impoundment of rain



• The base of moving over for birds



• Disaster Prevention

Outside the island serves as anticipation of flooding from tsunami, and saves not only their settlements or the resort island but the capital.

• Transport

The means of transportation to the island is by ship and car, and the road is connected by undersea tunnel.

• Wind

The island plays a role of sending wind to center of the capital. The wind cooled in forests has the effect to reduce urban heat island. The wind from ocean can be used to generate electric power.