



## Policy for the future:

In 2011, Komatsu disclosed its declaration of biodiversity and the guideline, and has since continued to make group-wide efforts at its business sites (plants and offices) in Japan and overseas for nine years. Top management recognizes biodiversity efforts as an important management task, and all Komatsu Group employees participate in biodiversity efforts which are also treated as environmental education for next-generation people of Komatsu and local communities. As we promote these efforts with local municipalities and communities, we have gained their understanding and pride. We also recognize biodiversity efforts as closely related to the development of a symbiotic society. Accordingly, we are working to reduce CO<sub>2</sub> emissions (in production and from products in use) per unit of manufacturing value to half and reduce water consumption by 60% and industrial waste by 40% before 2030 from 2010, thereby promoting “environmental protection-integrated management”.

## <Examples of specific activities>

### Land utilization

#### Osaka Plant: Concluded the Osaka Biodiversity Partner Agreement (2016 —)

Through biodiversity-oriented management of Komatsu Satoyama on the premises of our Osaka Plant, we have worked to develop an ecological network and use it as a nature observation field for local residents. We can expect ripple effects, such as social contributions and enhanced recognition of biodiversity.



Komatsu Satoyama, Osaka Plant

### Social contributions

#### Awazu Plant: Kibagata Lagoon Revitalization Project (Partnership) (2011 —)

This project was established jointly by residents, municipality and private-sector companies to engage in water purification and ecosystem conservation. As part of the training program for new employees at the Awazu Plant, they construct breakwater, build ponds for local aquatic plants, and cut reeds. We will continue these efforts into the future.



Working in the biotope, near the Awazu Plant

### Ecosystem conservation

#### Test field “Biological survey” (2011 —)

We have built a biotope for endemic and rare species of local amphibians by improving land with local trees and building a pond with good quality water. To ensure good environment, we survey the amount of spawns and organisms. We have found that the number of organisms has increased since the start of this project.

·Biological survey results:

Plants: 467 species    Animals: 367 species



Exterminating non-native species



Protecting rare species

#### Komatsu do Brasil Ltda: Biodiversity efforts (2013 —)

Forest is located on KDB's huge premises. We found about 70 species of animals and 82 species of plants in our 2013 survey. Among them were Brazilwood, an endangered specie, and Green-billed toucans, a rare specie. We plan to expand the greenery area as we consider their habitat. We also conduct environmental education for employees and local residents.



Brazilwood

Green-billed toucan

< Future task > To expand efforts in the entire supply chain.  
< Campaign > One theme for one business site