

Biodiversity Assessment (Based on EIA/EHIA/IEE/CoP Reports)

EGAT currently manages biodiversity impacts through project-level environmental studies, including Environmental Impact Assessment (EIA), Environmental Health Impact Assessment (EHIA), Initial Environmental Examination (IEE), and Code of Practice (CoP) reports. These studies assess impacts on biological resources, including aquatic and terrestrial ecosystems.

Following the assessment, each project is required to implement environmental mitigation and monitoring measures related to biodiversity. These measures are mandatory and strictly implemented throughout construction and operation phases.

Aspects	Number of Sites	Area (Hectares)
a) Overall	57	N/A
b) Assessment	33	N/A
c) Exposure	N/A	N/A
d) Management plans	33	N/A

a) Overall

The company operates a total of **57 operational projects/sites** as identified in the consolidated project list.

Currently, the **total operational area (hectares)** is not centrally consolidated at the corporate level.

b) Assessment

A total of **30 sites** have conducted biodiversity impact assessments, based on the presence of formal environmental studies (EIA, EHIA, IEE, CoP, or environmental reports) covering **biological resources**, including:

- aquatic ecology
- terrestrial ecology

c) Exposure

Out of the assessed sites, **13 sites** are identified as having potential significant biodiversity impacts or being located in proximity to environmentally sensitive areas, based on:

- projects intersecting or located near **protected forest areas**
- projects involving **coastal / mangrove / aquatic ecosystems**

d) Management Plans

All sites identified with potential biodiversity risks (**13 sites**) have **biodiversity-related management measures**, as required under their respective EIA/EHIA/IEE/CoP approvals.

These include:

- environmental mitigation measures
- environmental monitoring programs (aquatic and terrestrial ecology)
- compliance obligations enforced throughout construction and operation phases