

GENESYS   
**RESERVE**



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# Plastic Collection & Recycling Methodology

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# 1. INTRODUCTION

This document provides standardized methodological guidance for ECO project development related to activities that collect / recycle / store plastic waste from the open environment for the issuance of Genesys ECO-Credits. It also specifies guidelines and regulations for implementing, assessing, quantifying, and monitoring the plastic ECO project's environmental uplift and ecological impact throughout the project period.

## 1.1 METHODOLOGY DESCRIPTION

This methodology is developed based on Genesys Reserve standards to ensure that all Genesys ECO-Credits issued meet high integrity, high transparency, and high environmental uplift value.

The certificate issued under this methodology is known as Genesys Plastic ECO-Credit, specifically for eco-projects that focus on plastic waste and its environmental and ecological impact.

The Genesys ECO-Credit is issued as a result of removing / recycling / storing plastic waste. More precisely, it is issued to reduce overall plastic waste from ending up in the open environment, unmanaged landfills, or improper disposal, which can cause negative environmental and ecological impact.

This methodology is not limited by geographical boundaries and can be effectively implemented for both small-scale and large-scale projects worldwide. However, it is crucial to adhere to the boundaries and requirements for plastic collection / recycling / storage activities outlined in this document to ensure accurate accounting of results and issuance of Genesys Plastic ECO-Credits.

## 1.2 SOURCES

This methodology is adapted and integrated based on:

- Genesys Reserve Quality Assessment and Verification Framework (QAVF).
- Genesys Reserve Micro-Offset Methodology (MOM)
- CDM Small-scale Recovery and Recycling of Materials from Solid Waste Methodology.
- United Nations Sustainable Development Goals (UN SDGs)

## 1.3 CHAPTER OUTLINE

This document is divided into six chapters, as below.

Chapter 1	Introduction
Chapter 2	Project Eligibility
Chapter 3	Methodology
Chapter 4	Monitoring
Chapter 5	Issuance of Genesys ECO-Credits
Chapter 6	Policies
Appendix A	Key Terms



## 2. PROJECT ELIGIBILITY

Project eligibility is defined as the capability to carry out waste management activities specifically for plastic waste collection, recycling, or both.

Such eco-project activity is deemed to have positive environmental and ecological value, as sustainable plastic waste management throughout its life cycle is essential to minimizing adverse environmental impacts.

Terms of this project type and its requirements are described in the following section.

### 2.1 TYPE

This methodology applies to eco-projects that address plastic waste through collection and/or recycling.

<b>Project</b>	The activity of collecting and processing plastic waste into storage or finished products.
<b>Category</b>	Waste Management <ul style="list-style-type: none"> <li>• Collection of plastic waste from the open environment.</li> <li>• Recycling of collected plastic waste into usable product.</li> <li>• Processing for long-term storage</li> </ul>
<b>Waste Inclusion</b>	Plastic (Collection, Recycling, Storage)
<b>Technologies</b>	None
<b>Types of ECO-Credits</b>	Plastic

### 2.2 REQUIREMENTS

The eco-project must comply with the following requirements set out below:

- Only applicable to plastic waste management through collection for recycling or storage.
- Under this methodology, the combination of activities: plastic waste collection, recycling, and storage are eligible but must be registered as separate eco-projects (i.e., plastic collection and recycling).
- The eco-project developer of the collection/recycling/storage facility must present documentation as the primary owner of such facilities or have the legal rights to use/operate the facility.
- The eco-project developer of the collection/recycling/storage facility must also demonstrate that the registered facility is not at risk of termination due to financial, management issues, etc., during the issuance period of Genesys ECO-Credits.

- The eco-project developer of the collection/recycling/storage facility must also demonstrate with documented evidence that the registered facility has the financial ability to maintain minimum operations without the generated income from issued Genesys ECO-Credits.
- The eco-project developer of the collection/recycling/storage facility must demonstrate that the registered facility employs sustainable operations and management practices.
- The eco-project developer of the collection/recycling/storage facility must demonstrate that existing laws, regulations, or other binding obligations do not require the registered facility and project.
- The collection/recycling/storage facility must have a measuring system and tools that accurately measures and accounts for all plastic waste collected, recycled, or stored.
- The eco-project activities must meet Genesys Reserve standards and QAVF-Eco requirements to be eligible for issuance of Genesys ECO-Credits.

This is a preview of the Genesys Reserve Plastic Waste Collection & Recycling Methodology. There are 14 pages available in the full version of this document.

To access the full version of this document, please contact [request@genesysreserve.org](mailto:request@genesysreserve.org)