

Introduction of REDD+ and Afforestation/Reforestation Rules and Guidelines in the Philippines

Forestry Agency, Japan

Forest sector under the JCM

REDD+ : Reducing emissions from deforestation and forest degradation and the role of conservation, sustainable management of forests and enhancement of forest carbon stocks in developing countries

■ Main deforestation and degradation drivers

- Agricultural land development
- Short-period shifting cultivation (slash-and-burn)
- Large forest fires
- Illegal and excessive logging, etc.



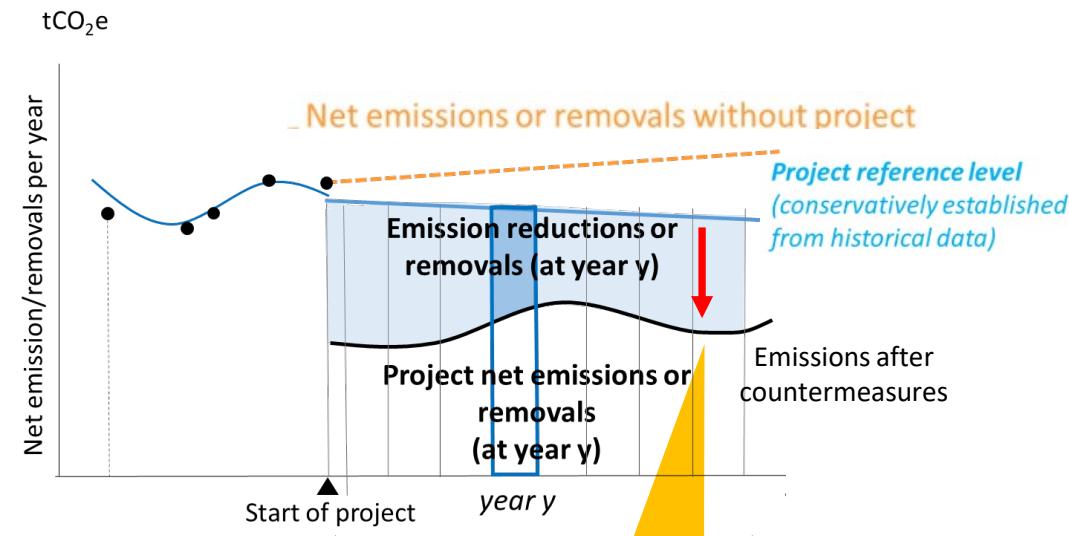
■ Concrete measures

Appropriate forest management:

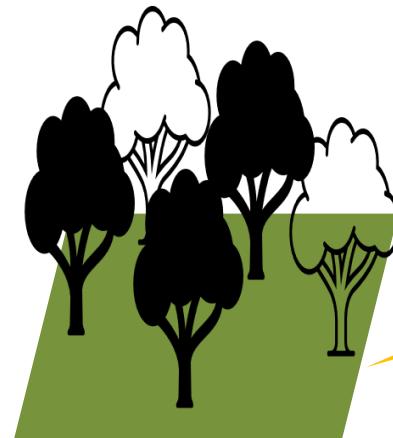
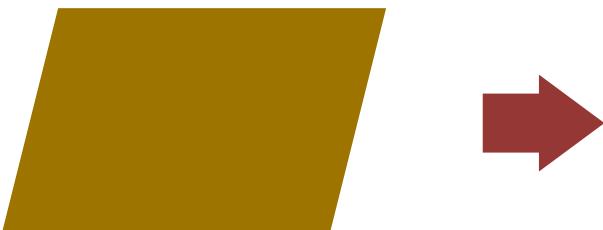
- Clarified land use classification
- Patrol against illegal logging
- Restriction of forest harvesting permit
- Forest creation and regeneration, etc.

Provision of alternative means of livelihood:

- Commercialization of non-timber forest products
- Agroforestry, etc.



Afforestation/Reforestation



Emission Reductions

Removals

specific guidelines for JCM forest sector

General (for other sectors)

Forest sector

Rules of Procedures for the Joint Committee

Rules of Implementation for the JCM

※ will be added some terms for forest sector

Project Cycle Procedure

Project Cycle Procedure **for forest sector**

Guidelines for Developing Proposed Methodology

Guidelines for Developing Proposed Methodology
for forest sector

Guidelines for Developing Project Design Document and Monitoring Report

Guidelines for Developing Project Design Document and Monitoring Report **for forest sector**

Guidelines for Developing Sustainable Development Implementation Plan and Report

Guidelines for Promoting and Supporting Safeguards **for forest sector**

Guidelines for Designation as a Third-Party Entity

Guidelines for Validation and Verification

Guidelines for Validation and Verification **for forest sector**

Glossary of Term

specific guidelines for JCM forest sector



■ About The Mechanism

■ Joint Committee

- JC Members
- JC Decision

■ Rules and Guidelines

■ Third Party Entity

■ Methodologies

- Proposed methodologies
- Approved methodologies
- Methodologies under put on hold

■ Project Cycle Search

- Project Cycle Search
- Request for registration
- Registered project
- Issuance of credits
- Request for post-registration changes

■ Contact us

■ Link

New

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Meeting

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Decision
- PH_PIN

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REDD-plus and A/R Rules and Guidelines

Category	Rules and Guidelines	Forms
Project Cycle	Project Cycle Procedure for REDD-plus and A/R	Modalities of Communication Statement Form for REDD-plus and A/R [PDF] [WORD]
	Guidelines for Developing Proposed Methodology for REDD-plus and A/R	Loss Event Report Form for REDD-plus and A/R [PDF] [WORD]
	Guidelines for Developing Project Design Document and Monitoring Report for REDD-plus and A/R	Compensation Plan Form for REDD-plus and A/R [PDF] [WORD]
	Guidelines for Addressing and Respecting Safeguards for REDD-plus and A/R	Proposed Methodology Form for REDD-plus and A/R [PDF] [WORD]
	Validation Report Form for REDD-plus and A/R	Proposed Methodology Spreadsheet for REDD-plus and A/R [PDF] [EXCEL]
	Guidelines for Validation and Verification for REDD-plus and A/R	Project Design Document Form for REDD-plus and A/R [PDF] [WORD]
Safeguard	REDD-plus and A/R Safeguard Activity Implementation Plan Form	REDD-plus and A/R Safeguard Activity Implementation Plan Form [PDF] [WORD]
	REDD-plus and A/R Safeguard Activity Progress Report Form	REDD-plus and A/R Safeguard Activity Progress Report Form [PDF] [WORD]
Validation	Validation Report Form for REDD-plus and A/R	Validation Report Form for REDD-plus and A/R [PDF] [WORD]
	Verification Report Form for REDD-plus and A/R	Verification Report Form for REDD-plus and A/R [PDF] [WORD]

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Reforestation

Scope and requirements

★ The definition of forest used for REDD-plus and A/R methodologies should follow the national definition of forest designated by Philippines

Attachment II. National definition of forest under the JCM of Philippines

RA 21 Land Cover Classes (2003 Land Cover Map)	Aggregated to 14 Classes (2010 Land Cover Map)	Aggregated to 12 Classes (2015 Land Cover Map)	6 IPCC Land Use	2 classes (FRL Construction Land cover Map)
Closed forest, broadleaved				
Closed forest, mixed	Closed forest	Closed Forest		
Closed forest, coniferous				
Other wooded land, fallow	Fallow			
Open forest, broadleaved				
Open forest, mixed	Open Forest			
Open forest, coniferous		Open Forest		
Forest plantation, broadleaved	Closed or Open Forest	Closed or Open Forest		
Forest plantation, coniferous				
Mangrove forest	Mangrove Forest	Mangrove Forest		
Other wooded land, shrubs	Shrubs			
Other wooded land, wooded grassland	Wooded grassland	Brush/Shrubs		
Other land, natural, grassland	Grassland	Grassland		
Other land, cultivated, pastures				
Other land, cultivated, annual crop	Annual Crop	Annual Crop		
Other land, cultivated, perennial crop	Perennial Crop	Perennial Crop		
Other land, natural, barren land	Open/ Barren	Open/ Barren		
Other land, built-up area	Built-up	Built-up		
Other land, natural marshland	Marshland/ Swamp	Marshland/ Swamp		
Other land, fishpond	Fishpond	Fishpond		
Inland water	Inland water	Inland water		

Communication with the government

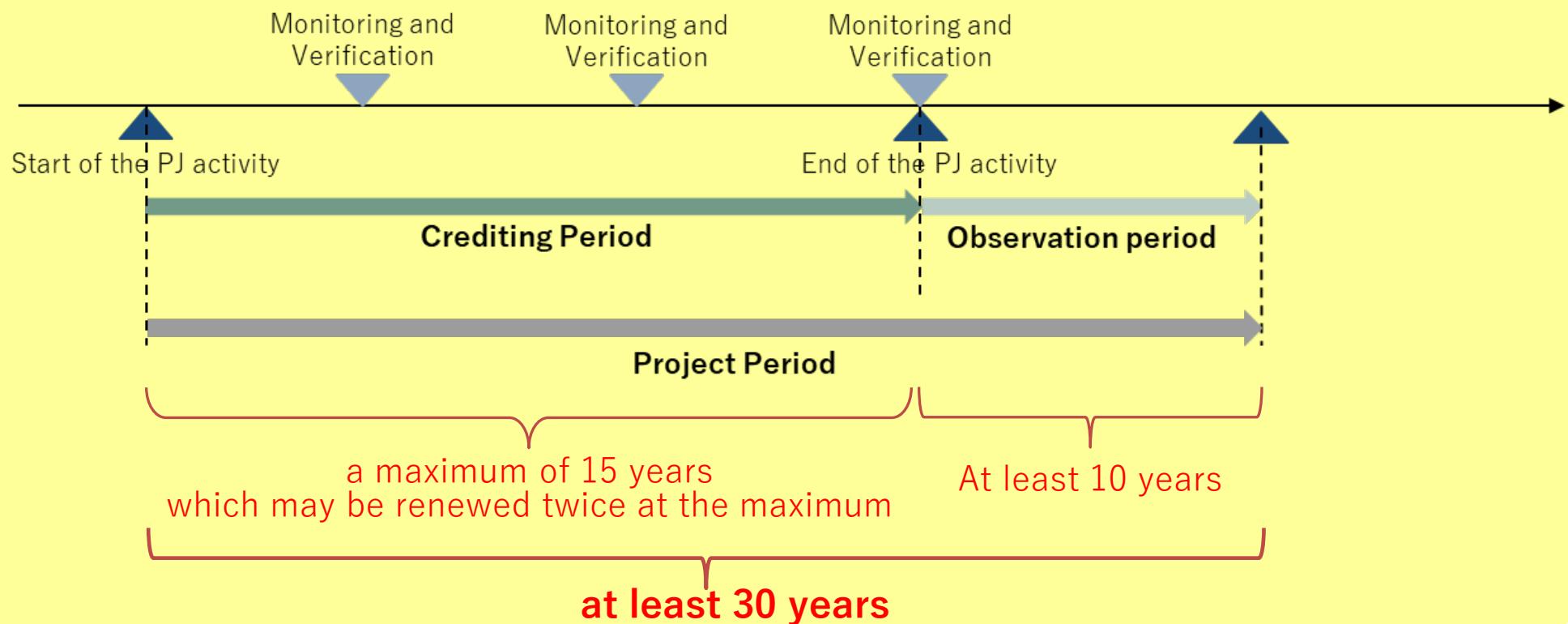
The methodology proponents communicate with the government of Japan and the government of Philippines for REDD-plus and afforestation/reforestation under the JCM to explain the proposed approach and procedures to develop the project reference level and estimate project net emissions or removals, consider any comments and other feedback they receive, and keep records of the communications.

Regarding implementation of an A/R project...

project participants should submit a Letter of Intent (LOI) that:

- (a) that activity is to convert land use or land cover from non-forest to forest
- (b) that afforestation/reforestation is not to be implemented without the project.

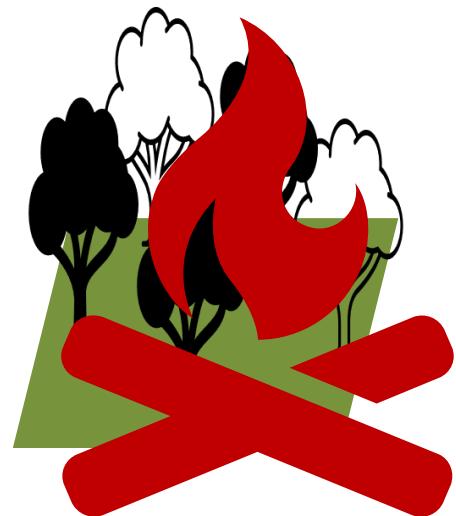
Project Period



Observation period:

- The period in which project participants observe whether verified emission reductions or removals are ensured and whether loss events happen, as one of means to ensure the permanence of issued JCM credits.
- The observation period begins at the end of the crediting period.

Address for the Risk of Reversals (Buffer Approach)

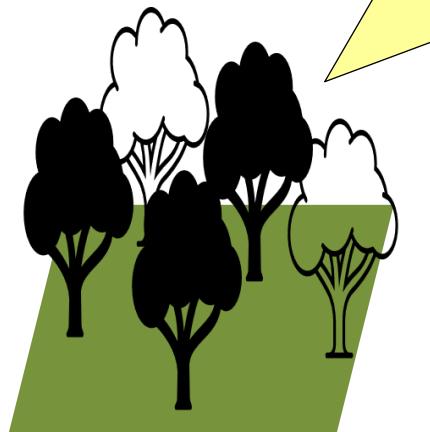


A reversal = a situation that occurs if project emission reductions or removals to be credited in any monitoring period is negative



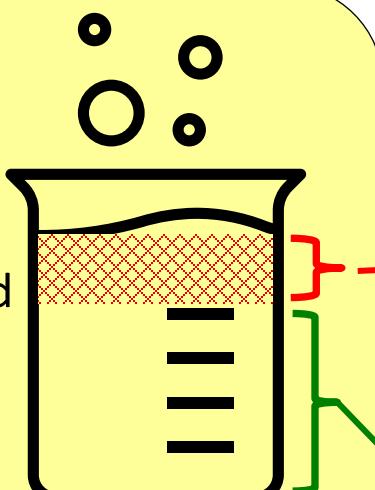
In order to ensure that reversals are addressed in full when reversals occur . . .

a portion of issued JCM credits is deposited as buffer credits in the buffer account of the JCM registry.



Emission Reductions or Removals to be credited

X tCO₂



Buffer credits

※ The buffer rate is more than or equal to 15 %. Project participants set the rate based on the project's reversal risk.

Credits issued in accounts of project participants

Address and Respect Safeguards

Safeguards

- Safeguards : necessary to consider environmental and socio-economic impact (e.g. biodiversity conservation, providing alternative livelihood to local communities)
- Take into account the Cancun Agreements (Decision 1/CP.16, Appendix I, paragraph 1 and 2)
- Safeguard activities will widely vary from project to project
- Safeguard activities should be approached in a stepwise manner

Process : “Plan, Implement, Monitor and Report” with respect to each criterion

• project participants prepare a safeguard activity implementation plan (SGIP) and a safeguard activity progress report (SGPR)

JCM_PH_GL_SG_Forest_ver01.xls

A. Project description

A.1. Title of the JCM project:

A.2. Description of project contribution to sustainable development:

→ Provide a concise description of how the project contributes to the sustainable development of the PARTNER COUNTRY.

B. Plans for implementing and monitoring the safeguard activities

Criterion (a) Complement or be consistent with the objectives of relevant laws, policies, programmes, and other instruments at national, regional and local levels and relevant international conventions and agreements concluded by Philippines:

Current situation (Paragraph 3 (a), Attachment 1):

Relevant laws, policies, programmes, and other instruments; and relevant international conventions and agreements concluded by Philippines, and their objectives:

Risks, gaps and/or inconsistencies in relation to whether the project activities comply with the criterion (Paragraph 3 (b), Attachment 1):

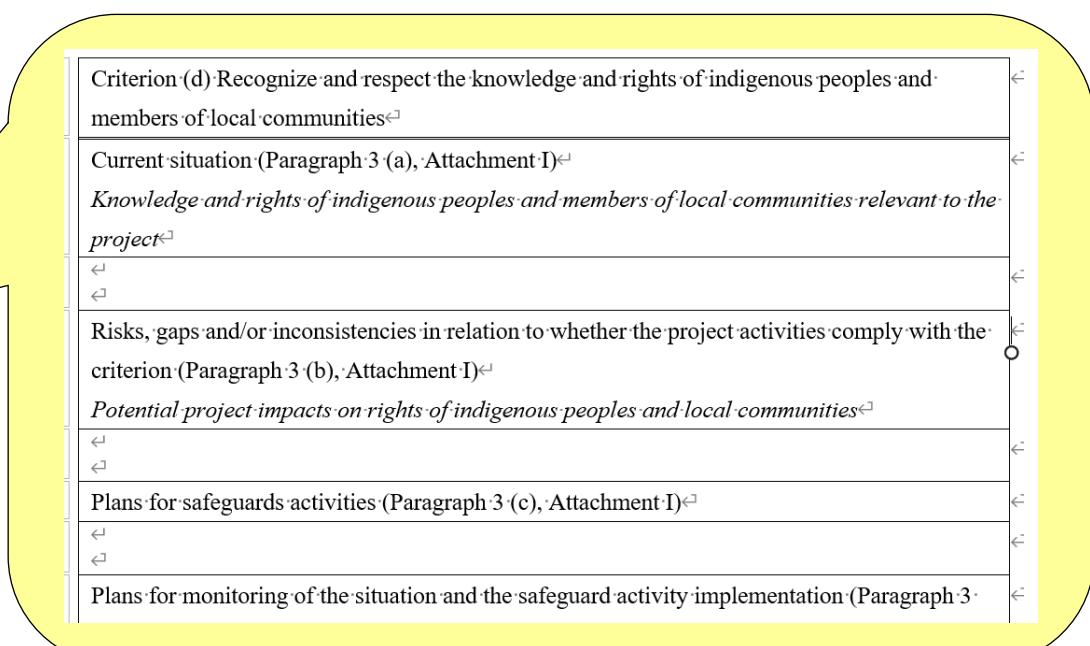
Gaps and/or inconsistencies with the objectives and contribution to achieving the objectives:

Plans for safeguards activities (Paragraph 3 (c), Attachment 1):

Plans for monitoring of the situation and the safeguard activity implementation (Paragraph 3 (c), Attachment 1):

→ For guidance on completing the SGDF for all criteria (a, b, c, d, e, f, g, h, i, k) refer to:
 Table 1 “Approaches for planning safeguard activities per each criterion” in Attachment II. Supplementary Guidance for planning, implementing, monitoring and reporting safeguard activities.

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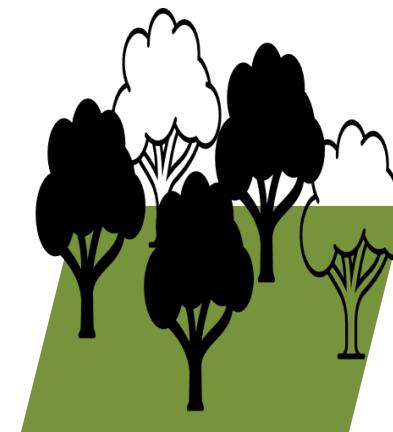


Scope and requirements for A/R projects

- ◆ Activities that convert from non-forest, including those in denuded forest and previously forested areas to forest through the planting, sowing and human-assisted natural regeneration of woody vegetation
- ◆ The project area has not been cleared of native ecosystems within the 10 year period before the project start date
- ◆ Planting activity and tree species are in line with requirements in Philippine's national biodiversity strategy
- ◆ Aim for mitigation of climate change as one of the main objectives

※Timber production in the project area is permitted, but there are some restrictions on credit issuance.

- ✓ increase carbon stock and/or reduce emissions in the project area by the project activities during the crediting period
- ✓ ensure the permanence of the JCM credit issued from the project



Long-term Average GHG Benefit (For A/R projects with harvesting)

- Applying the long-term average GHG benefit ensures that the amount of JCM credits issued from the project does not exceed the cumulative net removals in the project area during the entire crediting period.
- Upper limit of the amount of credit issuance is applied based on future harvesting plans.

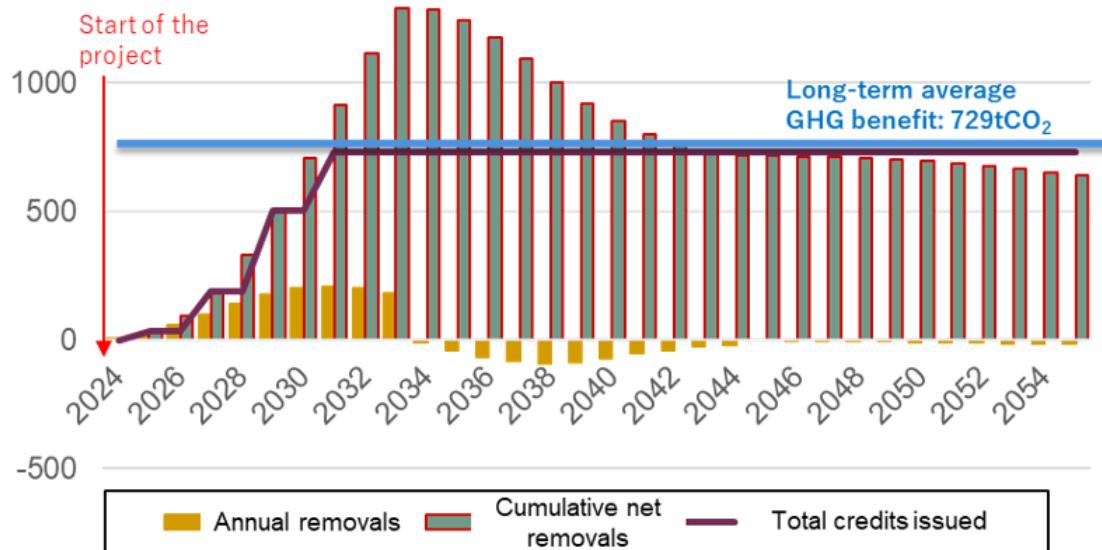
※ In case that the amount of JCM credits issued is above the cumulative net removals in the project area, it is regarded as a reversal, and project participants compensate these difference amount.

Equation of the long-term average GHG benefit

$$LA = \frac{\sum_{t=1}^n (PEt - RET)}{n}$$

- LA The long-term average GHG benefit [tCO₂e]
- PEt The cumulative to-date GHG emission reductions and removals generated during the project, including CO₂, CH₄, N₂O emissions reasonably attributable to the project activities, and displaced emissions [tCO₂e]
- RET The cumulative to-date project reference level [tCO₂e]
- t Year
- n Total number of years in the established time period

Example of dynamics of removals in the project area with timber harvesting



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ありがとうございました