



Communication on Progress (COP) 2020/2021

- As a Signatory to United Nations Global Compact

Biomass Supplies (Pvt) Ltd

February 2021



FOUNDER'S STATEMENT OF CONTINUED SUPPORT FOR THE GLOBAL COMPACT AND ITS 10 PRINCIPLES.

Biomass Supplies (Pvt) Ltd is pleased to re-confirm to continue to support the ten (10) principles of UN Global Compact with regards to human rights, labour rights, environment and anti-corruption. We reconfirm our intent to advance those principles within our sphere of influence.

We are committed to make the Global Compact and its principles part of our strategy, culture and day to day operations and to engage in collaborative projects which advances the broader development goals of the United Nations, particularly the Sustainable Development Goals. We have communicated all of these to our stakeholders.

We have attached our Communication of Progress (COP) from February 2020 to February 2021.

Thank you and assuring you of our continued support.

Your Sincerely,

Biomass Group Limited

A handwritten signature in blue ink, reading "L. Dissanayake".

Ms. Lucky Dissanayake

Founder – Biomass Group

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Background

The Biomass Group is a bio-resources development company supplying deforestation free fuelwood to local industry – work that is carried out by a wholly owned subsidiary Biomass Supplies (Pvt) Ltd. We work with farmers and outgrower suppliers in rural Sri Lanka.

Our primary source of biomass is Gliricidia Sepium – a nitrogen fixing leguminous tree with multiple benefits, often used as a live fence in home gardens in rural Sri Lanka. Gliricidia has adapted to a wide-range of agro-climatic and soil conditions and can be cultivated all over Sri Lanka except in coastal areas, on mountain tops and in arid areas. Gliricidia is one of the significant species which offer series of other complementary benefits as far as soil and environmental aspects are concerned. In Sri Lanka, Gliricidia is historically grown as a boundary fence which does not require any special agronomic practices or care of pest control measures due to some inherited genetic characteristics. It is a drought tolerant and has the capacity of absorbing nitrogen from the atmosphere with the least intake of soil nutrients, while fixing nitrogen in to the soil.¹ We promote Gliricidia trees in home gardens (as a live fence) and in plantations (as an inter-crop), providing an additional income for farmers.

Biomass Supplies encourages women and smallholder farmers to plant a single, double or triple fence of Gliricidia around their land and to intercrop it with existing cash crops. So far, Biomass Supplies has provided 700+ training programs for smallholder farmers – many of them the female of the household.

Currently c.40,000 smallholder farmers suppliers – **90 % are women** – have registered with us. By purchasing fuelwood (coppiced branches) we provide an additional income source and empower women - mostly rural housewives without limited economic opportunities.

The business model is scalable within Sri Lanka and replicable around across the equator where Gliricidia grows in abundance.

¹ Quality Assurance of the Gliricidia Growing Phase, Biomass Supplies (Pvt) Ltd, Sep. 2017



Picture 1- Training Program for Farmers by Agricultural Expert Dr. Lionel Weerakoon in Medirigiriya, Sri Lanka

Biomass Supplies achieved Roundtable on Sustainable Biomaterials (RSB) in 2015 as the first South Asian Company to do so and is a member of Business Call to Action (BCtA) since 2017.

In November 2016, Biomass Supplies became a signatory to United Nations Global Compact (UNGC), the world's largest voluntary corporate responsibility initiative with business and non-business participants from 160 countries. UNGC is a call to companies to align strategies and operations with universal principles on human rights, labor, environment and anti-corruption, and take actions that advance societal goals.

Biomass Supplies takes strategic actions within its core business activities and in collaboration to advance broader societal goals, such as the United Nations Sustainable Development Goals.

Through this document, the Communication on Progress (COP), the Company transparently informs the stakeholders and public on how we continue to align our practices with the UN GC 10 principles and other international relevant international standards.

Human Rights & Labor Rights

UN Global Compact Principles Discussed in this Section

Principle 1: Businesses should support and respect the protection of internationally proclaimed human right

Principle 2: Make sure that they are not complicit in human rights abuses

Principle 3: Business should uphold the freedom of association and the effective recognition of the

Principle 4: Right to collective bargaining

Principle 5: The effective abolition of child labor

Principle 6: The elimination of discrimination in respect of employment and occupation

Biomass Supplies within its scope of influence, identifies and respects universal minimum standards aimed at securing dignity and equality for all. The company works in accordance with all the human rights and labor rights identified under Sri Lankan legal system and in accordance with other committed international standards (ex: RSB Principles and Criteria).

National Human Rights and Labor Laws

As stated above, Biomass Supplies duly follows the compulsory laws and regulations imposed by the Sri Lankan legal system. Sri Lankan legal system is very comprehensive on employee/employer relationships which is covered by many legal instruments. Following are few mainly used Acts under Sri Lankan legal system;

- Shop & Office Employees Act – provides for the regulation of employment, hours of work and remuneration of persons in shops and offices, and for matters connected therewith.
- Wages Boards Ordinance – provides for the regulation of the wages and other emoluments of persons employed in trades. The Ordinance further establishes the Wages Board to enforce the Ordinance in Sri Lanka.
- Employees' Provident Fund Act – provides for establishment of a provident fund for the benefit of employees. Accordingly, during the employment with the Company, employee's contribution shall be 8% of his/her monthly earnings to the Employees' Provident Fund and the Company will contribute to that Fund an amount equivalent to 12% of his/her monthly earnings.
- Employees' Trust Fund Act – provides for establishment of a fund called 'Employees' Trust Fund' for the benefit of employees. Accordingly, the Company shall pay directly to the Employees Trust Fund 3% of employee's monthly earnings as computed for the purposes of the Act.
- Maternity Benefits (Amendment) Act No. 15 of 2018 – provides for special beneficial leaves in cases of child birth.

Additionally, the following have been strategically merged into the Human Resource Management Policy² manual where appropriate to give broader, comprehensive management standards for Company;

- IPPF Accreditation Standards (Principle 7)
- IPPF Sexual Harassment Policy
- IPPF HIV workplace policy

Core Business Activity

Biomass Supplies works with smallholder farmers (c.90% of them are women) and larger plantations (esp. Coconut) on creating a sustainable supply chain for fuelwood. Thus, all the positive social, environmental and economic benefits that the company brings are brought within the scope of core business activities.

Non-Discriminatory Recruitment Policy

The HR Policy of the Company ensures that no person shall be discriminated based on their sex, gender, ethnicity, religion, language, political opinion, place of birth or any one of such grounds.³

Biomass Supplies works with the farmers of different ethnicities, religions and who speaks different languages (local languages – Sinhala and Tamil). Accordingly, the Field Officers represent different ethnic and religious groups and speak different local languages.

² Draft HR Policy, January 2019

³ Draft HR Policy, January 2019

Women Empowerment

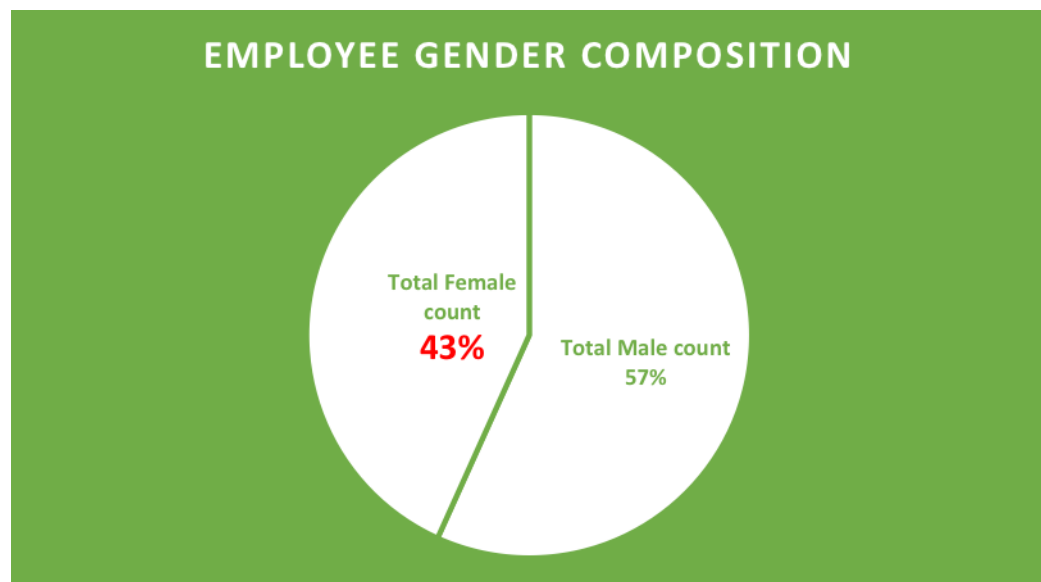
43% of Employees Are Women

Biomass Supplies has a gender-neutral recruitment policy and all recruitments are done on the basis of merit.

The HR policy ensures that Company takes positive actions to improve the opportunities given to women in terms of careers growth, recognition, providing a harassment free working environment, and promote gender equality. The Company ensures;

1. Women shall be given the equal opportunities, benefits, rights, entitlements, dignity and respect during their career;
2. Equal recognition of the capacities of women;
3. Balance of gender representation in teams especially at managerial level;
4. The working culture of the organization is conducive to the empowerment of female team members;
5. Proper care and security are provided to female staff for travelling & accommodation;
6. Women shall be granted with certain special arrangements such as paid or half pay or no pay leave, flexi time to care for their dependent children to ensure that women can continue their careers even after live childbirth(s)⁴

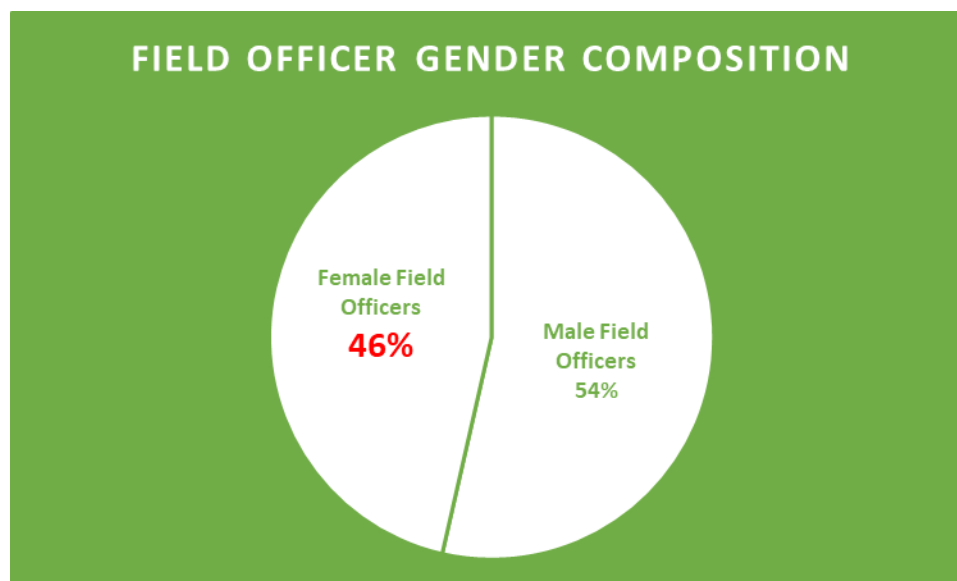
Currently there are 37 employees working with Biomass Supplies (Pvt) Ltd, 16 of them are women.



⁴ Draft HR Policy, January 2019

The Job role of a Field Officer was considered as challenging for women as it involves intensive travelling in their working areas. However, Biomass Supplies works with many farmer women.

Accordingly, from currently employed 28 Field Officers, 13 are women.



90% of Beneficiaries Are Women

After the civil war ended in 2009, several Government programs were initiated to provide livelihood development in rural Sri Lanka, but these programs reached very few women. The economically inactive rural female percentage is high - 75% in Sri Lanka.⁵ Rural housewives lack specific skills and because economic opportunities in rural areas of Sri Lanka are limited, so many migrate as domestic workers to the Middle East as a means to exit poverty. Migration has untold consequences both personally and on the wellbeing of the children that they leave behind.

We offer a credible alternative to empower poor rural women.

⁵ Information Available at: <http://www.statistics.gov.lk/>



Picture 2- Women Participation is about 90%. Here they collect Gliricidia fuelwood into a truck to bring to a collection center.

Our focus on home gardens makes it easy for women to join with the business as home gardening is considered a 'women's work' and is not compensated. By doing so the Biomass Supplies adds an economic value to the usual work women engage in, at a household level.

The Company policy is that all monetary transactions is without cash and through bank accounts. This has provided an impetus to open bank accounts followed by savings. Longer term this will facilitate eligibility to access credit. By participating in the out-grower model women are also better organized to help each other in planting, harvesting and collecting Gliricidia.

Free, Prior, Informed Consent

Biomass Supplies intends to maintain a positive relationship with farmers to ensure their active participation. This is ensured through application of Free, Prior, Informed Consent principles.



Picture 3- Field Officers are trained well by experts – here Dr. Ananda Tennakoon, former Director of the Coconut Research Institute conducts a training session.

Farmers freely decide without any manipulation or coercion on their participation in project activities (including trainings). Field Officers seek consent from farmers before starting any activity and by endorsing the data uploaded on the registration form. In addition, PLanT IT Platform through which the farmer registration is done has a Data Consent Agreement attached with the registration through which the farmer gives his/her consent to participate in the program. Farmers' decision to participate is based on the information provided by the Field Officers (about the company and its activities) and the terms of the Agreements. Biomass Supplies ensures that farmers fully understand the Agreement by translating it into local languages (Sinhala and Tamil).

Condemnation of Forcer or Compulsory Labor and Child Labor

Biomass Supplies adheres to all the laws that governs the employer-employee relationship and labor rights. Accordingly, Biomass Supplies fully condemns any form of forced or compulsory labor. All the employees who are working with the Company are properly recruited.

The Company policies prohibit employment of any persons below the age of 18 years. This is in accordance with section 10(1) of Shop & Office Employees Act⁶ which prohibits employment of any person below the age of 14 years in any business. Thus, the Company threshold on child labor is higher than the threshold under national laws of Sri Lanka.

Since the Company works with farmers at ground level, measures are in place to control and monitor forced or compulsory labor and child labor incidents at ground level operations. Accordingly, the clause 1.6 of the Forward Supply Agreement signed between farmers and the Company reads as [the Seller shall] NOT use child labor in a way that hinders the education and freedom of children nor used forced or compulsory labor. Further, in accordance with RSB Principles and Criteria Biomass Supplies conducts awareness programs on the legal background and negative consequences on child labor to registered farmers.

Environment

UN Global Compact Principles Discussed in this Section

Principle 7: Business should support a precautionary approach to environmental challenges.

Principle 8: Undertake initiatives to promote greater environmental responsibility.

Principle 9: Encourage the development and diffusion of environmentally friendly technologies.

Biomass Supplies is an environmentally friendly agro-energy business that connects Food & Livelihood Development & Sustainable Energy. Company works on developing a sustainable supply chain of fuelwood in an innovative partnership with smallholder farmers and larger plantations. In doing so, the Company addresses all 3 UN GC environmental principles.

Policy to Condemn Mono-Cultivation

Biomass Supplies extends its support to home gardens and plantations who are interested to plant (or already planted) Gliricidia as a live fence or as an inter-crop. The Company actively condemns mono-cultivation of Gliricidia – farmers are clearly instructed NOT to mono-cultivate through farmer training programs, and it is termed in the Forward Supply Contract signed between parties, breach of which will

⁶ This is the major Sri Lankan law with regard to employer-employee relationship and rights of employee.

lead to automatic termination of the contract. This is monitored through frequent farmer visits by Field Officers and random farmer visits by Regional Managers.



Picture 4- Gliricidia trees are either planted as a 'live fence' or intercropped with other crops

Reduce degradation of natural forests in the project areas

In Sri Lanka, major drivers of forest degradation and deforestation include illicit felling, firewood collection, illegal extraction of NTFPs, etc. Home gardens are identified as a countervailing force working against forest degradation and deforestation, acting as a source of fuelwood, timber and other forest products. In the current situation, the need to increase fuelwood supply remains strong as the local demand increases. On the other hand, with the growing demand for industrial fuelwood, there is a need to increase the current supply capacity to prevent encroachment and illegal logging in natural forests around the factories.

The project will thus contribute to reduce the pressure on natural forests in critical hotspots of degradation and deforestation by increasing the supply of sustainable fuelwood.

Reduce Human/Elephant Conflicts in the project areas

Whenever a former elephant habitat has been encroached by humans in Sri Lanka, a human-elephant conflict has emerged. Destruction of forests through logging, slash-and-burn, shifting cultivation and monoculture tree plantations are major threat to the survival of elephants. For the farmers, this conflict results in destroyed crops and sometimes houses with restrictions on mobility after sunset.

Every year in Sri Lanka, over 100 wild elephants are killed by people to protect their crops and houses and c. 50 people are killed by elephants. After raising awareness on the importance of protecting elephants and their habitat, different organizations have been searching for solutions to resolve the conflict.

A recent assessment of the social impact of Biomass Supplies activities indicates that elephants dislike Gliricidia because of its smell and that it acts as a natural and not harming repellent. A Gliricidia fence therefore offers some additional protection, increasing the protection of both elephants and people

Reduce use of chemical fertilizers and enhance soil fertility in the project areas

Gliricidia trees increase soil health productivity in addition to reducing soil erosion and control pollution associated with the use of inorganic chemical fertilizers.

In Sri Lanka, the use of chemicals in agriculture is very high, a result of the fertilizer subsidy which costs the Government LKR 40 billion per annum. The soil has been depleted over several years and increasingly larger and larger amount of fertilizer need to be applied to generate higher yields. Due to this excessive usage in plantations and paddy fields in some areas of Sri Lanka, Chronic Kidney Disease (CKD) is now prevalent. Currently it is estimated that across Sri Lanka soils and water are contaminated, with an increased density in those areas where paddy and rice are grown.

In these areas, Biomass Supplies promotes the use of Gliricidia leaves as a natural fertilizer and educates farmers on the benefits of switching to organic fertilizers instead of using inorganic chemicals. Research shows that organic fertilizer and pesticides made from Gliricidia leaves is efficient in reduce pest attacks and results in at least the same yield as when applying agrochemical inputs. Gliricidia is known for adding valuable nutrients such nitrogen, and potassium to the soil thereby increasing its soil health.

Promoting and teaching the use of organic fertilizers has also direct health impact because there is less by contamination of the water table. 70% of rural Sri Lanka households have no access to piped water.

Reduce use of unsustainable sources of energy

Imported fossil fuels are the main sources of energy production in Sri Lanka, when biomass contributes to about 40% of the total energy production. Biomass Supplies has increased the supply of certified sustainable sourced fuelwood and is starting to reduce Sri Lankan dependency on forest and unsustainable fuelwood sources. Gliricidia fuelwood will progressively provide customers with a green energy supply source:

- Sri Lankan manufacturing industry switched from furnace oil to biomass boilers
- Sri Lankan power plants can co-fire biomass with coal and ultimately switch to 100% biomass

Biomass Supplies is the first company to achieve the Sri Lanka Standard Institute (SLSI 1551:2016) Sustainably Sourced Fuelwood certification in 2020.



Picture 5- Gliricidia branches is neatly stacked waiting for collection – the harvest from one small holder

Increase environmental awareness of project beneficiaries

Biomass Supplies has conducted more than 700 trainings of farmers and plantation companies since 2013. These trainings include different technical topics such as the production of organic fertilizer and compost, the different cultivation techniques of Gliricidia, and its environmental, social and economic benefits. In addition, the trainings cover a wide range of environmental issues and thus contribute to increase farmers' awareness. It covers issues relating to climate change and how the project offers a mitigation strategy. Biomass Supplies also educates its staff on renewable energy and its related benefits.

GHG Emissions and Emission Removals Calculation

According to RSB Principle and Criteria (version 3.0) Biomass Supplies calculates and reports the lifecycle emissions of the biomass by using the methodology introduced through RSB GHG Calculation Tool.

Biomass Supplies collects manually harvested Gliricidia branches from farmlands and transport the collected feedstock to factories without any processing in between. Thereby, the only GHG emission source is through transportation. We ensure efficient logistics in terms of transportation by considering maximum capacity of vehicle and scheduling delivery of feedstock to factories in the same area together.

Company calculates GHG emissions of each batch of feedstock delivered to the final user using RSB GHG Calculator. GHG emissions per batch is mentioned in the invoice issued to the final user.

Our activities are considered as an AFOLU A/R project that aims to reforest degraded lands, which are expected to remain degraded or to continue degraded in the absence of the project. To assess GHG emission mitigation potential, we used the CDM methodology AR-ACM003 – Afforestation and reforestation of lands except wetlands, version 2.0.

The baseline scenario and the additionality assessment were developed using the “Combined tool to identify the baseline scenario and demonstrate additionality in A/R CDM project activities, version 01”. Over 20 years, net GHG emission reductions or removals are estimated at 1,881,677 tCO₂e.⁸

⁷The detailed methodology is available upon request.

UN Global Compact Principles Discussed in this Section

Principle 10: Businesses should work against corruption in all its forms, including extortion or bribery

Biomass Supplies is committed to ensuring all business relationships with suppliers and clients are legal and based on professional integrity. Company's HR Policy reads as;

1. No employee may solicit or accept for his/her own benefit, any benefit, bribe or advantage, in money or otherwise, from customers, suppliers, co-workers, contractors or any person having dealings with Biomass Group.
2. The term "advantage" includes a gift, loan, fee, reward, contract, service favors and entertainment.
3. All employees should actively, discourage customers or suppliers from offering personal benefits of all kinds including every type of gift, favor, service, loan, fee entitlement or anything of monetary value.
4. If there is any doubt as to whether an advantage may be accepted, the matter should be reported to the CEO/HOD as to the appropriate action to be taken.

Sustainable Development Goals

Our smallholder farmers are currently being registered through our PLaNT (Produce, Logistics & Traceability) IT Platform, developed through a partnership with one of the leading IT company in Sri Lanka.

With PLaNT, we are collecting SDGs-related information such as basic socio-demographics and geospatial information, but also monitoring detailed data on smart agricultural practices and their impact, crops yield, household incomes, etc. therefore producing unique, verifiable and customizable statistics.

Based on 169 targets under 17 SDGs we have developed our own PLaNT indicators (increased incomes from selling biomass and produce (USD), increased area under sustainable agriculture (acre), etc.). PLaNT will become a powerful database to monitor our contribution to achieving SDGs at corporate level.

This tool will also facilitate a quick, transparent and traceable access to smallholder farmers for development organizations working on achieving SDGs (capacity building, livelihood development, micro credit, etc.).

SGDs	Indicators	PLanT Questions	PLanT Indicators	Additional information to collect	Consumer Indicators
Goal 1. End poverty in all its forms everywhere	1.1.1 Proportion of population below the international poverty line, by sex, age, employment status and geographical location (urban/rural)	How much money are you spending annually of chemical fertilizers and pesticides? How much money are you spending annually of chemical fertilizers and pesticides after using Gliricidia as biofertilizer/pesticide? How much incomes do you earn annually from selling Gliricidia biomass? How much incomes did you earn annually by selling other crops (crop 1, crop 2, crop 3, ...)? How much incomes do you earn annually by selling other crops (crop 1, crop 2, crop 3, ...) after using Gliricidia as biofertilizer/pesticide?	Saved money without spending on chemical fertilizers (USD) Increased incomes from selling Biomass (USD) Increased incomes from selling other crops (USD)	International poverty line Other annual incomes at the household level	The project alone increases farmers' incomes by XX% of the international poverty line The project alone increases farmers incomes to exceed the international poverty line by XX%
	1.2.1 Proportion of population living below the national poverty line, by sex and age	How much money are you spending annually of chemical fertilizers and pesticides? How much money are you spending annually of chemical fertilizers and pesticides after using Gliricidia as biofertilizer/pesticide? How much incomes do you earn annually from selling Gliricidia biomass? How much incomes did you earn annually by selling other crops (crop 1, crop 2, crop 3, ...)? How much incomes do you earn annually by selling other crops (crop 1, crop 2, crop 3, ...) after using Gliricidia as biofertilizer/pesticide?	Saved money without spending on chemical fertilizers (USD) Increased incomes from selling Biomass (USD) Increased incomes from selling other crops (USD)	National poverty line Other annual incomes at the household level	
Goal 2. End hunger, achieve food security and improved nutrition and promote sustainable agriculture	2.3.1 Volume of production per labour unit by classes of farming/ pastoral/ forestry enterprise size	What was the yield of other crops (crop 1, crop 2, crop 3, ...)? What is the yield of other crops (crop 1, crop 2, crop 3, ...) after using Gliricidia as biofertilizer/pesticide? How many training did you receive? What are the topics covered by these trainings?	Enhanced yield of crop1, crop2, crop3, ... by using bio-fertilizers (Kg/acre) Increased number of farmers with increased knowledges (number of people)	We need to define the unit for yield calculation (m2, per acre, etc.) Total number of farmers in the project	The project alone increases yield of 'crop1' by XX% XX% of the project farmers have received trainings on 'sustainable agriculture', 'etc' The project alone increases the farmers annual incomes from agricultural activities by XX% XX% of the project area is under productive and sustainable agriculture
	2.3.2 Average income of small-scale food producers, by sex and indigenous status	How much money are you spending annually of chemical fertilizers and pesticides? How much money are you spending annually of chemical fertilizers and pesticides after using Gliricidia as biofertilizer/pesticide? How much incomes do you earn annually from selling Gliricidia biomass? How much incomes did you earn annually by selling other crops (crop 1, crop 2, crop 3, ...)? How much incomes do you earn annually by selling other crops (crop 1, crop 2, crop 3, ...) after using Gliricidia as biofertilizer/pesticide?	Saved money without spending on chemical fertilizers (USD) Increased incomes from selling Biomass (USD) Increased incomes from selling other crops (USD)	Other incomes from agricultural activities	
	2.4.1 Proportion of agricultural area under productive and sustainable agriculture	How many kilos of biofertilizer/bio-pesticide are you producing annually from Gliricidia? What is the area of crops where you are applying biofertilizer/bio-pesticide?	Enhanced use of organic fertilizers (Kg/acre) Increased area under sustainable agriculture (acre)	Total size of the home garden under cultivation	

Goal 3. Ensure healthy lives and promote well-being for all at all ages	8.8.2 Proportion of population with large household expenditures on health as a share of total household expenditure or income	How many members of your family are affected by CKD?	Reduced number of farmers family members affected by CKD in the project areas (number of people)	Total number of farmers family members in the project	CKD is reduced by XX% in the project area
Goal 4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all	4.6.1 Proportion of population in a given age group achieving at least a fixed level of proficiency in functional (a) literacy and (b) numeracy skills, by sex	How many children of your family are benefiting from English tuition offered by Biomass Group?	Increased number of farmer's children benefiting from English tuition (number of people)	Total number of farmer's children in the project	The project provides English education to XX% of the farmers' children
	4.7.1 Extent to which (i) global citizenship education and (ii) education for sustainable development, including gender equality and human rights, are mainstreamed at all levels in (a) national education policies; (b) curricula; (c) teacher education; and (d) student assessment	How many training did you receive? What are the topics covered by these trainings?	Increased number of farmers with increased knowledges (number of people)	Total number of farmers in the project	XX% of the project farmers have received trainings on 'sustainable agriculture', 'etc'
Goal 5. Achieve gender equality and empower all women and girls	5.a.1 (a) Proportion of total agricultural population with ownership or secure rights over agricultural land, by sex; and (b) share of women among owners or rights-bearers of agricultural land, by type of tenure	What is the gender of the farmer's family participant?	Gender ratio		XX% of the project farmers are women
Goal 6. Ensure availability and sustainable management of water and sanitation for all					
Goal 7. Ensure access to affordable, reliable, sustainable and modern energy for all	7.2.1 Renewable energy share in the total final energy consumption	Are you using Gliricidia wood for cooking?	Increased number of farmers using Gliricidia for cooking (number of people)	Total number of farmers in the project	XX% of the project farmers use sustainable fuelwood for cooking
		Or How many kilos of Gliricidia biomass are you using for your own consumption?	Or Increased quantity of Gliricidia for farmers consumption (kg)		or The project farmers increase the use of sustainable fuelwood by XX%
		How many kilos of Gliricidia biomass are sold annually to factories by Biomass Group?	Increased quantity of Gliricidia biomass sold to factories (kg)	How many kW are produced with 1T of Gliricidia biomass?	XXkW are produced by factories annually using sustainable Gliricidia fuelwood sourced by the project
Goal 8. Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all					
Goal 9. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation	9.4.1 CO2 emission per unit of value added	What are the CO2 emissions for all crops (crop 1, crop 2, crop 3, ...)? (including harvesting, transportation, processing, etc.)	All data collected on Gliricidia trees (VCS-related work) (tCO2eq) Total quantity of CO2 emissions for all crops from farm to consumer (tCO2eq)	Total Gliricidia CO2 sequestration	Net balance of CO2 per acre of cultivated land

Goal 10. Reduce inequality within and among countries	10.1.1 Growth rates of household expenditure or income per capita among the bottom 40 per cent of the population and the total population	How much money are you spending annually of chemical fertilizers and pesticides? How much money are you spending annually of chemical fertilizers and pesticides after using Gliricidia as biofertilizer/pesticide? How much incomes do you earn annually from selling Gliricidia biomass? How much incomes did you earn annually by selling other crops (crop 1, crop 2, crop 3, ...)? How much incomes do you earn annually by selling other crops (crop 1, crop 2, crop 3, ...) after using Gliricidia as biofertilizer/pesticide?	Saved money without spending on chemical fertilizers (USD) Increased incomes from selling Biomass (USD) Increased incomes from selling other crops (USD)	Average household incomes per District	The project alone increases the household annual incomes by XX%
	10.2.1 Proportion of people living below 50 per cent of median income, by sex, age and persons with disabilities	How much money are you spending annually of chemical fertilizers and pesticides? How much money are you spending annually of chemical fertilizers and pesticides after using Gliricidia as biofertilizer/pesticide? How much incomes do you earn annually from selling Gliricidia biomass? How much incomes did you earn annually by selling other crops (crop 1, crop 2, crop 3, ...)? How much incomes do you earn annually by selling other crops (crop 1, crop 2, crop 3, ...) after using Gliricidia as biofertilizer/pesticide?	Saved money without spending on chemical fertilizers (USD) Increased incomes from selling Biomass (USD) Increased incomes from selling other crops (USD)	Average household incomes per District National median income	XX% of the project's farmers live above the national median income
Goal 11. Make cities and human settlements inclusive, safe, resilient and sustainable					
Goal 12. Ensure sustainable consumption and production patterns	12.6.1 Number of companies publishing sustainability reports				Biomass Group sustainability report is available at www.biomass-group.com The project is RSB and VCS / CCBS certified
	12.8.1 Extent to which (i) global citizenship education and (ii) education for sustainable development (including climate change education) are mainstreamed in (a) national education policies; (b) curricula; (c) teacher education; and (d) student assessment	How many training did you receive? What are the topics covered by these trainings?	Increased number of farmers with increased knowledges (number of people)	Total number of farmers in the project	XX% of the project farmers have received trainings on 'sustainable agriculture', 'etc'
Goal 13. Take urgent action to combat climate change and its impacts	13.2.1 Number of countries that have communicated the establishment or operationalization of an integrated policy/strategy/plan which increases their ability to adapt to the adverse impacts of climate change, and foster climate resilience and low greenhouse gas emissions development in a manner that does not threaten food production (including a national adaptation plan, nationally determined contribution, national communication, biennial update report or other)	What are the CO2 emissions for all crops (crop 1, crop 2, crop 3, ...)? (including harvesting, transportation, processing, etc.)	All data collected on Gliricidia trees (VCS-related work) (tCO2eq) Total quantity of CO2 emissions for all crops from farm to consumer (tCO2eq)	Total Gliricidia CO2 sequestration	Net balance of CO2 per acre of cultivated land
	13.3.1 Number of countries that have integrated mitigation, adaptation, impact reduction and early warning into primary, secondary and tertiary curricula				

Goal 14. Conserve and sustainably use the oceans, seas and marine resources for sustainable development					
Goal 15. Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss	15.1.1 Forest area as a proportion of total land area	What is the total quantity of Gliricidia biomass generated annually?	Increased quantity of Gliricidia biomass (tones)		<p>100% of the biomass sourced by the project come from sustainable sources</p> <p>The project generates annually XX tonne of sustainable biomass avoiding equivalent degradation of natural forests</p>
	15.3.1 Proportion of land that is degraded over total land area	How many kilos of biofertilizer/bio-pesticide are you producing annually from Gliricidia? What is the area of crops where you are applying biofertilizer/bio-pesticide?	Enhanced use of organic fertilizers (Kg/acre) Increased area under sustainable agriculture (acre)	Total size of the home garden under cultivation	The project supports annually the transformation of XX% of degraded lands into productive and sustainable agricultural lands
Goal 16. Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels					
Goal 17. Strengthen the means of implementation and revitalize the Global Partnership for Sustainable Development	17.16.1 Number of countries reporting progress in Multi stakeholder development effectiveness monitoring frameworks that support the achievement of the Sustainable Development Goals				<p>Biomass Group provides a pilot framework to monitor SDGs at the corporate level in Sri Lanka</p> <p>The project contributes to the achievement of 12 out of 17 SDGs in Sri Lanka</p>

Conclusion

Biomass Supplies is a signatory to United Nations Global Company since 2016. Company brings positive economic, social and environmental benefits to its stakeholders within its core business activities and as collaborative partnerships with other organizations. In doing so, Biomass Supplies adheres and positively contributes to all 10 principles of United Nations Global Compact and Sustainable Development Goals.