



Monitoring report form
(Version 05.1)

Complete this form in accordance with the Attachment "Instructions for filling out the monitoring report form" at the end of this form.

MONITORING REPORT

Title of the project activity	LAGES METHANE AVOIDANCE PROJECT
UNFCCC reference number of the project activity	0268
Version number of the monitoring report	02
Completion date of the monitoring report	20/05/2016
Monitoring period number and duration of this monitoring period	Monitoring Period Number: 7 th Duration: From: 01/01/2013 to 31/10/2014
Project participant(s)	<ul style="list-style-type: none"> • Lages Bioenergética Ltda. • Tractebel Energia S.A. • Bunge Emission Fund Limited • Fortum Corporation • Government of Finland – Ministry for Foreign Affairs of Finland • GDF Suez • RWE Power AG • Chubu Electric Power Co., Inc. • Japan International Cooperation Agency (JICA) • Kyushu Electric Power Co., Inc. • Mitsubishi Corporation • Shikoku Electric Power Co., Inc. • Tohoku Electric Power Co., Inc. • The Tokyo Electric Power Co., Inc. • The Chugoku Electric Power Co., Inc. • Mitsui & Co., Ltd • Electrabel N.V. • Netherlands' Ministry of Infrastructure and the Environment (IenM); • Netherlands' Ministry of Economic Affairs, Agriculture and Innovation (EL&I) • Norsk Hydro ASA • Government of Norway – Ministry of Foreign Affairs • Statoil ASA • Government of Sweden – Swedish Energy Agency • BP Alternative Energy International Ltd. • Deutsche Bank AG • International Bank for Reconstruction and Development (IBRD) Brazil

Host Party	Brazil	
Sectoral scope(s)	13 – Waste handling and disposal.	
Selected methodology(ies)	Baseline and monitoring methodology. AMS-III.E. (Version 7) – Avoidance of methane production from biomass decay through controlled combustion.	
Selected standardized baseline(s)	Not applicable	
Estimated amount of GHG emission reductions or net GHG removals by sinks for this monitoring period in the registered PDD	360,596 tonnes of CO ₂ e	
Total amount of GHG emission reductions or net GHG removals by sinks achieved in this monitoring period	GHG emission reductions or net GHG removals by sinks reported up to 31 December 2012	GHG emission reductions or net GHG removals by sinks reported from 1 January 2013 onwards
	1,794,133 tonnes of CO ₂ e	720,270 tonnes of CO ₂ e

SECTION A. Description of project activity

A.1. Purpose and general description of project activity

>>Lages Project's cogeneration facility is located in Lages, State of Santa Catarina, Brazil, whose economy is based on the wood industry using timber from planted forests. The Project is under operation since 23 December 2003 by Lages Bioenergética Ltda., a Special Purpose Company fully owned by Tractebel Energia S.A., specially constituted to build, operate and maintain the Lages Project. Detailed information about the Project is provided in the Project Design Document (PDD) Version 03, dated of February 2011, and other documents, which are available and can be downloaded from the UNFCCC website:

<http://cdm.unfccc.int/Projects/DB/DNV-CUK1140180495.84/view>.

The Project is designed to avoid methane emissions from anaerobic digestion in stockpiles (biomass decay) through controlled combustion in a cogeneration process, which simultaneously generates electricity and thermal energy (steam) from the wood waste produced by several timber industries that would otherwise be disposed inadequately. The major project activity milestones are presented below.

23 Dec 2003: Starting date of the Project;

01 Nov 2004: Starting date of the crediting period;

26 Jul 2005 to 24 Aug 2005: Period for public comments to the PDD in the UNFCCC website;

25 Nov 2005: Brazilian Designated National Authority (DNA) issued the Letter of Approval (LoA) to the Project;

14 Feb 2006: Project is validated by Det Norske Veritas (DNV);

24 Mar 2006 – 22 Apr 2006: Period for Executive Board comments;

23 Apr 2006: Project is registered;

20 Sep 2006: First CER issuance (277,768 CERs);

09 Oct 2007: Second CER issuance (274,958 CERs);

31 Aug 2009: Third CER issuance (247,668 CERs);

30 Mar 2011: PDD (Version 03) approved by CDM EB;

26 Sep 2011: Fourth CER issuance (157,914 CERs);

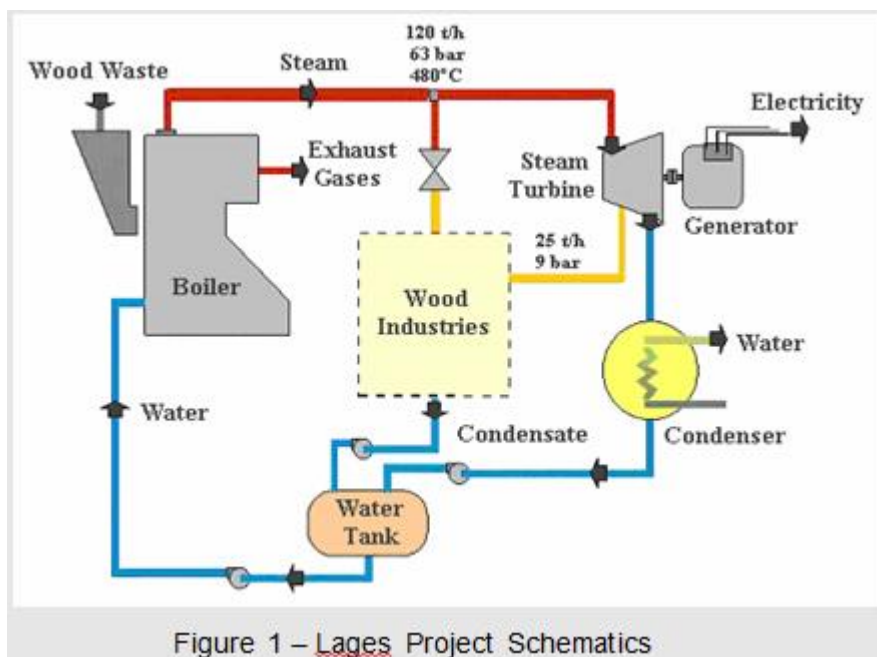
17 Ago 2012: Fifth CER issuance (443,651 CERs);

01 Nov 2013: Sixth CER issuance (392,174 CERs).

The objective of the Lages Project's cogeneration facility is to, simultaneously, provide electric and thermal energy (process steam) from the same primary energy source: biomass from the wasted wood not used by local timber industries before the project implementation. Since the Lages Project operation start in December 2003, these residues have been processed and used to produce steam and power avoiding methane emissions and soil and water pollution due to wood waste decomposition.

Figure 1 shows the cogeneration facility consisting of a boiler with a steam turbine, producing electricity and supplying steam to local wood industries and using the wood waste from local industries as a fuel.

The emission reductions achieved over the designated monitoring period are 720,270 tonnes of CO₂e.



The project was implemented as described in the PDD and consists of, a 120 ton/h steam flat pinhole grate boiler (AZ 200 MAX) with an efficiency output of up to 85%, manufactured by Dedini and fed with wood waste biomass. In the boiler, the biomass is controlled burnt generating thermal energy which is transferred to the water inlet for producing steam. The boiler also has a scrubber system installed in the stack to remove suspended particle matter. The steam produced has two purposes: powering a Siemens – Alstom 28 MW at 13.8 kV electric energy turbo-generator and supplying energy to industries for their production processes.

The electrical energy produced is delivered to the plant substation and consequently to the transmission line to be distributed by the local distribution company.

The ash sludge from the scrubber was sent, until July 2008, to the landfill of the Jorge Lacerda Thermoelectric Power Plant in Capivari de Baixo municipality, 680 km way (round trip), and since August 2008 onwards, to other locations within the Lages Region, nearer to the project site.

The main features of the major plant equipments are presented below:

Equipment: Boiler

Manufacturer: Dedini Industrias de Base

Type: Single pass, water tube, natural circulation, flat pinhole grate

Boiler Steam Production: 120 ton/h

Water Inlet: 110 °C

Operating Pressure: 65 bar abs

Equipment: Turbine

Manufacturer: Siemens DDIT

Type: Condensation turbine, Controlled Extraction

Nominal Power: 28 MW

Rotation: 6,800 rpm

Inlet Steam Flow: 120 ton/h

Inlet Steam Pressure: 63 bar abs

Inlet Steam Temperature: 480 °C

Extraction Pressure: 9 bar abs

Extraction Temperature: 237 °C

Outlet Steam Pressure: 0.12 bar abs

Equipment: Generator

Manufacturer: Alstom Power

Type: (IEC) IM 7315

Nominal Power: 35,000 kVA

Nominal Voltage: 13,800 V, three-phase

Nominal Frequency: 60 Hz

A.2. Location of project activity

>>Lages Project's cogeneration facility is located in Lages, State of Santa Catarina, Brazil under the following coordinates:

Latitude: 27°48'58" S

Longitude: 50°19'30" W

A.3. Parties and project participant(s)

Party involved ((host) indicates a host Party)	Private and/or public entity(ies) project participants (as applicable)	Indicate if the Party involved wishes to be considered as project participant (Yes/No)
Brazil (host country)	<ul style="list-style-type: none"> • Lages Bioenergética Ltda. • Tractebel Energia S.A. 	No
Switzerland	<ul style="list-style-type: none"> • Bunge Emission Fund Limited. 	No
Finland	<ul style="list-style-type: none"> • Fortum Corporation • Government of Finland – Ministry for Foreign Affairs of Finland. 	Yes
France	<ul style="list-style-type: none"> • GDF Suez. 	No
Germany	<ul style="list-style-type: none"> • RWE Power AG. 	No
Japan	<ul style="list-style-type: none"> • Chubu Electric Power Co., Inc. • Japan International Cooperation Agency (JICA) • Kyushu Electric Power Co., Inc. • Mitsubishi Corporation • Shikoku Electric Power Co., Inc. • Tohoku Electric Power Co., Inc. • The Tokyo Electric Power Co., Inc. • The Chugoku Electric Power Co., Inc. • Mitsui & Co., Ltd. 	No

Party involved (host) indicates a host Party)	Private and/or public entity(ies) project participants (as applicable)	Indicate if the Party involved wishes to be considered as project participant (Yes/No)
Netherlands	<ul style="list-style-type: none"> • Electrabel N.V. • Netherlands' Ministry of Infrastructure and the Environment (IenM). • Netherlands' Ministry of Economic Affairs, Agriculture and Innovation (EL&I). 	No
Norway	<ul style="list-style-type: none"> • Norsk Hydro ASA • Government of Norway – Ministry of Foreign Affairs. • Statoil ASA. 	Yes
Sweden	<ul style="list-style-type: none"> • Government of Sweden – Swedish Energy Agency 	Yes
United Kingdom of Great Britain and Northern Ireland	<ul style="list-style-type: none"> • BP Alternative Energy International Ltd. • Deutsche Bank AG. 	No
*	<ul style="list-style-type: none"> • International Bank for Reconstruction and Development (IBRD). 	

*refers to bilateral and multilateral funds

A.4. Reference of applied methodology and standardized baseline

>> Title of project activity: "Lages Methane Avoidance Project" UNFCCC reference number: 0268
Baseline and monitoring methodology: AMS-III.E. (Version 07).

A.4.1. Baseline methodology applied during the monitoring period:

The Project uses the Small-Scale Baseline Methodology AMS-III.E. (Version 07) entitled "Avoidance of methane production from biomass decay through controlled combustion".

AMS-III.E. (Version 07) is applicable for Lages Project as it states that "The baseline scenario is the situation where, in the absence of the project activity, biomass or other organic matter is left to decay". This accurately represents the baseline scenario in the case of Lages Project, as presented in the PDD. Furthermore, Lages Project directly emits less than 15 kilotonnes of carbon dioxide equivalent annually, as presented in the Section E.4.

No standardized baseline has been applied for this project.

A.4.2. Monitoring methodology applied during the monitoring period:

The Project uses Small-Scale Monitoring Methodology AMS-III.E. (Version 07) entitled "Avoidance of methane production from biomass decay through controlled combustion".

The AMS-III.E. (Version 07) is applicable to project activities which avoid the production of methane from biomass or other organic matter that would have otherwise been left to decay as a result of anthropogenic activity, which is the Lages Project case.

A.5. Crediting period of project activity

>> The crediting period for this project activity is from 1 Nov 2004 to 31 Oct 2014 (fixed crediting period of 10 years).

A.6. Contact information of responsible persons/entities

>> Mario Wilson Cusatis and Antonio Previtali Jr..

Company	Tractebel Energia S.A	Tractebel Energia S.A
Name	Mario Wilson Cusatis	Antonio Previtali Jr
Function	Power Plant Manager	Energy Commercialization Manager
Phone	+55 (49) 3221-4510	+55 (21) 3221 7221
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Is the entity also a project participant as per the Appendix 1?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Is the person also a project participant as per the Appendix 1?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

SECTION B. Implementation of project activity**B.1. Description of implemented registered project activity**

>> The project has been in operation since 23 December 2003. During the conceptualization stages it was envisaged that the main suppliers of the wood waste would be the neighbouring wood industries of Battistella (38%) and Sofia (16%), and other distant suppliers on the open market (46%).

Since 2006 however, many wood industries in the Lages region that export their production have faced an economic crisis due to the devaluation of US dollars currency, resulting in the reduction or even interruption of their activities. This was the specific case for Sofia and Battistella wood industries, two of the main wood residues suppliers of the Lages Methane Avoidance Project. As a consequence, the wood waste supply from these two mills got reduced during the following years and during this monitoring period no biomass was supplied by Sofia or Battistella since both companies closed down its activities respectively in September 2007 and October 2008.

This situation has triggered, from 2008 onwards, an increasing demand of wood residues from the spot market in order to replace the biomass reduction from Battistella and Sofia and secure the project activity with the necessary amount of fuel to produce and deliver energy to the grid and therefore honour the PPAs signed with regional distribution companies.

In addition to that, the reduction in the available wood waste volumes caused by the USD devaluation, kept the Spot Market wood waste prices high and obliged the project developer to seek for other biomass residues suppliers. The result was the purchase of biomass residues from some more distant suppliers (since the lower wood waste prices from these suppliers compensates the higher transportation costs) and the acquisition of "toretas" (fine branches lower than 15cm diameter from pine reforested plantation) during the monitoring period.

Due to the aforementioned changes in market conditions and, therefore, the type of wood waste used by Lages, a Notification of Change in the PDD was sent to the Executive Board and approved on 30 March 2011. The revised PDD reported the additional use of fine branches smaller than 15 cm diameter (called "toretas") as wood waste to generate the electricity to be delivered to the Brazilian grid and the steam to be supplied to local industries. Since the registered PDD did not envisage the use of this kind of wood waste, no methane avoidance has ever been claimed from the anaerobic digestion of this wood waste variety.

The revised PDD also recalculated the baseline emission reduction proportionally to the average use of the fine branches ("toretes") and although, the fine branches were not considered in the determination of the baseline (MCF=0), the use of this biomass residues have been conservatively included in the calculation of project emissions without changing the estimations in the original PDD. The fraction of fine branches is not fixed for the crediting period and varies in accordance with market conditions (i.e.; availability of normal residues and price of the fine branches), however, an average of 10% of total waste consumption has been observed and used for recalculating the baseline emission reductions forecasted in the original PDD.

For instance, in the case that Sofia and Batistella recover their operations, as originally foreseen in the PDD, the fine branches might not to be used and the baseline emissions estimated in the registered PDD might be achieved again. In the meantime, the revised PDD also clarified that when both industries are not operating, the steam is used to produce electricity, which is sold to the local distribution company and/or to industrial clients.

B.2. Post-registration changes

B.2.1. Temporary deviations from registered monitoring plan, applied methodology or applied standardized baseline

>> There was temporary deviation in monitoring plan of the registered Project Design Document (version 2, dated of September, 2005). This deviation can be seen in section B.1 of this monitoring report and did not occur in relation to the accepted (approved) and revised PDD (version 3, dated of February, 2011: <http://cdm.unfccc.int/Projects/DB/DNV-CUK1140180495.84/view>).

B.2.2. Corrections

>> According to UNFCCC (see the section D1, "Additional Comment" for CH₄_GWP and N₂O_GWP) and monitoring plan of PDD (both versions: version 3, dated of February 2011, approved and revised PDD and version 2 of September, 2005) the GWP of CH₄ and N₂O were corrected for their more current value, in Section D1 (Data and parameters fixed ex ante) of this Monitoring Report. Thus, the value of CH₄_GWP was changed from 21 to 25 and the value of N₂O_GWP from 310 to 298.

The section D.1 of this MR, for methane correction factor (MCF), also presented correction in relation to PDD, version 2 of September, 2005 (which already has been corrected in version 3, approved and revised PDD, February 2011).

As per section D1 of this monitoring report (and according to revised PDD dated of February of 2011), for "MCF" (methane correction factor), at "value (s) applied" of this section (D1), it was included "0" for "Spot Market".

Explanations about these corrections, can be seen in section D.1 of this MR, in "Choice of data or measurement methods and procedures" and "Additional comment" for the following "parameters fixed ex ante": N₂O_GWP, CH₄_GWP and MCF."

B.2.3. Changes to start date of crediting period

>> Not applicable.

B.2.4. Inclusion of a monitoring plan to the registered PDD that was not included at registration

>> Not applicable.

B.2.5. Permanent changes from registered monitoring plan, applied methodology or applied standardized baseline

>> Not applicable to this monitoring period.

B.2.6. Changes to project design of registered project activity

>> Not applicable to this monitoring period.

B.2.7. Types of changes specific to afforestation or reforestation project activity

>> Not applicable.

SECTION C. Description of monitoring system**C.1. Monitoring report:****C.1.1. Monitoring reports associated with this project activity:**

This is the seventh monitoring report associated with this project activity.

Report 01, monitored from 1 Nov 2004 to 31 May 2006, resulting in 277,768 tonnes of CO₂e;

Report 02, monitored from 1 Jun 2006 to 31 May 2007, resulting in 274,958 tonnes of CO₂e;

Report 03, monitored from 1 Jun 2007 to 31 May 2008, resulting in 247,668 tonnes of CO₂e;

Report 04, monitored from 1 Jun 2008 to 31 May 2009, resulting in 157,914 tonnes of CO₂e;

Report 05, monitored from 1 Jun 2009 to 31 May 2011, resulting in 443,651 tonnes of CO₂e;

Report 06, monitored from 1 Jun 2011 to 31 Dec 2012, resulting in 392,174 tonnes of CO₂e;

Report 07, monitored from 1 Jan 2013 to 31 Oct 2014, resulting in 720,270 tonnes of CO₂e.

Verifying DOE: The reports from 01 to 06 were verified by Det Norske Veritas Certification Ltd. (DNV). The Report 07 were verified by Bureau Veritas Certification.

C.1.2. Monitoring report period:

The period covered in this monitoring report is from 1 Jan 2013 to 31 Oct 2014. The monitoring report period is within the bounds of the crediting period noted in Section A.5. This monitoring report does not cover any period of time covered by a previous monitoring report.

C.2. Monitoring plan:**C.2.1. Development and appropriateness of the monitoring plan:**

The "Lages Methane Avoidance Project Monitoring Plan – Version 02" from September 2005 was developed based on the approved monitoring methodology AMS-III.E. (Version 07).

C.2.2. Implementation of the monitoring plan:

During the monitoring period identified in the Section C.1.2, the Project Entity implemented the validated Monitoring Plan that was part of the project documents audited by the Designated Operational Entity (DOE) during the validation process.

C.3. Data Collection Procedure

The key data monitored at the project activity is listed in Section D.3 of the PDD and in the Monitoring Plan.

The project activity data was collected in accordance with the registered PDD and is shown in the following items. All necessary evidences to verify these data have been presented to the DOE for verification.

C.3.1. Fuel – Amounts of wood waste (ID1, ID2, ID3 and ID4 of the PDD Section D.3):

To accurately calculate the emission reductions (ERs) from avoided methane emissions during the operation of the Lages Project, the amounts of wood waste consumed (QCbiomass) and purchased are monitored continuously and totalized on an annual basis. Each source of wood waste (Battistella, Sofia and Spot Market) is treated separately and the methane emissions avoided from each source are calculated using the small scale methodology AMS-III.E. (Version 07) at the end of each calendar year and each monitoring period based on the characteristics of the wood waste supplier and the wood waste piles avoided through the use by Lages Project.

The amount of wood waste purchased from each supplier is measured¹ by two electronic scales that are installed in the power plant entrance. The amount of wood waste consumed by the Project is measured throughout a dynamic scale installed in the entrance of the combustion chamber of the boiler. These weighting devices are calibrated periodically by appropriate institutions.

¹ The weighting procedure is to weigh the truck on its way in, i.e. the truck with wood waste, and to weight the truck on its way out, i.e. the truck without wood waste. The difference between the weight values is the amount of wood waste delivered by a given supplier.

In order to calculate the annual wood waste amount consumed (QCbiomass) from each source (Battistella, Sofia and Spot Market), the percentages of wood waste purchased from each source in a given month are applied to the total amount consumed in the respective month (which is measured accurately by the dynamic balance mentioned above) and the obtained values are totalized annually.

The weighting procedure is to weigh the truck on its way in, i.e. the truck with wood waste, and to weight the truck on its way out, i.e. the truck without wood waste. The difference between the weight values is the amount of wood waste delivered by a given supplier.

The wood waste amounts effectively treated under the Project (QTbiomass), which is used to calculate the baseline methane emissions, is calculated discounting the wood waste amounts previously consumed in the Battistella and Sofia old boilers, applying the discount factor of 1% due to spontaneous combustion in the Battistella pile. These values were validated by Bureau Veritas and used in the registered PDD. Additionally, due to the "torete" consumption and considering that the degradation and methane generation from this wood waste when it is piled and left to decay occurs at a much lower rate than other wood waste, by conservativeness, the percentage of this wood waste purchased from each source (Battistella, Sofia and Spot Market) was applied as a discount factor over the wood waste amount treated under the Project.

C.3.2. Default values (ID5 of the PDD Section D.3):

All the parameters and emission factors used to calculate the emission reductions are available in the PDD and were previously validated by Bureau Veritas during the validation process of the project activity. The values of these parameters and emission factors are annually verified to identify any changes.

C.3.3. On-site transportation (ID6 of the PDD Section D.3):

The volume of diesel oil used inside the Lages Project is monthly monitored through the invoices emitted by the supplier and stored (initial and final inventory) on site.

C.3.4. Off-site transportation (ID7 and ID8 of the PDD Section D.3):

The data about the round trip distance between the wood waste suppliers and the Lages Project site as well as the truck capacity of all active wood waste suppliers, required to calculate the emissions from the off-site transportation, are monitored throughout the supplier inventory and the wood waste supplying invoices.

The round trip distance is measured once when the supplier is contracted and only monitored monthly to verify any change in the location of the wood waste supply site. If a change is verified then a new measurement is carried out.

The truck capacity is always measured because the wood waste supplied by every truck is weighed on the two electronic scales located at the Project entrance and the weighting ticket is annexed to the supplier invoice.

C.3.5. Ash transportation (ID9 and ID10 of the PDD Section D.3):

The data about the round trip distance between the Lages Project site and the ash disposal site as well as the capacity of the truck used for ash transportation were monitored throughout the ash beneficiary inventory and the ash delivering invoices.

This data is measured once at the time when ash is disposed and only monitored monthly to verify any change in the location of the disposal site. If a change is verified then a new measurement is carried out.

The truck capacity is always measured because the ash transported in every truck is weighed on the two electronic balances at the Project entrance and on the weighting ticket annexed to the delivering invoice.

C.3.6. Ash production (ID11 of the PDD Section D.3):

The amount of ash produced and transported by Lages Project, necessary to calculate the emission from ash transportation were monitored throughout the ash delivering invoices. All ash delivered is previously weighed on the two electronic balances at the Project entrance and on the weighting ticket annexed to the invoice.

SECTION D. Data and parameters

D.1. Data and parameters fixed ex ante or at renewal of crediting period

Data / Parameter:	MCF [N]
Unit:	(fraction)
Description:	Methane correction factor
Source of data:	IPCC ² , Volume 5, Chapter 3, Table 3.1, Page 3.14
Value(s) applied:	0.8 (Battistella) 0.4 (Sofia) 0 or 0.4 (Spot Market)
Choice of data or measurement methods and procedures	MCF default value of 0.4 is considered for the methane emissions calculation for the amount of unused wood waste bought from Sofia and in the Spot Market, given the majority of the wood waste piles in the Lages region is in unmanaged shallow waste disposal sites with depths of less than 5 meters. The MCF default value of 0 is also conservatively assumed for some varieties of wood waste (for instance, "torete"). For the methane emissions calculation for the amount of unused wood waste from Battistella, given the characteristics of its wood waste pile and in order to consider a more realistic scenario, is considered MCF value of 0.8 which is based on IPCC default for unmanaged deep waste disposal sites with depths greater than or equal to 5 meters.

Purpose of data:	Baseline emission calculation
Additional comment:	Default value of 0.4 is applied to wood waste supplied by Sofia and Spot Market. MCF = 0 could be also considered when some varieties of wood waste (for instance residues composed of fine branches lower than 15cm diameter obtained from the regular thinning of planted pinus in the region, also called "torete"), is bought in the Spot Market to be used as a backup fuel. IPCC default value of 0.8 for unmanaged deep waste site (≥ 5 meters of depth) is applied to wood waste supplied by Battistella.

² 2006 IPCC Guidelines for National Greenhouse Gas Inventories

Data / Parameter:	DOC [O]
Unit:	(fraction)
Description:	Degradable organic carbon
Source of data:	IPCC ⁴ , Volume 5, Chapter 2, Table 2.5, Page 2.16
Value(s) applied:	0.43
Choice of data or measurement methods and procedures	See “additional comment” below.
Purpose of data:	Baseline emission calculation
Additional comment:	Waste is 100% compounded by wood. IPCC default value is applied.

Data / Parameter:	DOCF [P]
Unit:	(fraction)
Description:	Fraction DOC dissimilated to landfill gas
Source of data:	IPCC ⁴ , Volume 5, Chapter 3, Page 3.13
Value(s) applied:	0.5
Choice of data or measurement methods and procedures	See “additional comment” below.
Purpose of data:	Baseline emission calculation
Additional comment:	IPCC default value is applied.

Data / Parameter:	F [Q]
Unit:	(fraction)
Description:	Fraction of CH ₄ in landfill gas
Source of data:	IPCC ⁴ , Volume 5, Chapter 3, Page 3.15
Value(s) applied:	0.5
Choice of data or measurement methods and procedures	See “additional comment” below.
Purpose of data:	Baseline emission calculation
Additional comment:	IPCC default value is applied.

Data / Parameter:	Wood waste burned for own consumption
Unit:	t/year
Description:	Wood waste amounts were consumed in the Battistella and Sofia old boilers before the Lages Project implementation.
Source of data:	Suppliers
Value(s) applied:	32,640 (Battistella) 14,400 (Sofia)
Choice of data or measurement methods and procedures	See “additional comment” below and “description” above.
Purpose of data:	Baseline emission calculation
Additional comment:	Wood waste burned for own consumption.

Data / Parameter:	Discount factor due to spontaneous combustion in the pile [R]
Unit:	(fraction)
Description:	Discount factor due to spontaneous combustion in the Battistella wood waste pile
Source of data:	Estimation presented in the PDD
Value(s) applied:	0.01 (Battistella)
Choice of data or measurement methods and procedures	See "additional comment" below.
Purpose of data:	Baseline emission calculation
Additional comment:	This discount factor was assumed to be 1% of the wood waste amount that otherwise would be dumped and left to decay in the baseline scenario for Battistella, that is, the 1% of the difference between the consumed amount supplied by Battistella and what was previously burned in its old boilers to produce steam.

Data / Parameter:	Ebiomass [S]
Unit:	TJ/t
Description:	Energy content of biomass
Source of data:	UNIPLAC
Value(s) applied:	7.746E-3
Choice of data or measurement methods and procedures	See "additional comment" below.
Purpose of data:	Project activity emission calculation
Additional comment:	Considered 1,850 kcal/kg (7,746 kJ/kg), which is default value to wood waste in the Lages region, according to values reported in the UNIPLAC study, and was the value validated in the PDD. This value is more conservative than that obtained from samples analyzed periodically in laboratory.

Data / Parameter:	CH₄bio_comb [T]
Unit:	kgCH ₄ /TJ
Description:	CH ₄ emission factor for biomass and waste (which includes dung and agricultural, municipal and industrial wastes) combustion
Source of data:	IPCC ⁴ , Volume 2, Chapter 2, Table 2.6, Page 2.25
Value(s) applied:	11
Choice of data or measurement methods and procedures	See "additional comment" below.
Purpose of data:	Project activity emission calculation
Additional comment:	Default value according to AMS-III.E. Version 07 is 300 kgCH ₄ /TJ, which was based on general IPCC default value. However, 11 kgCH ₄ /TJ is used since this is the specific IPCC default value to wood waste boilers.

Data / Parameter:	N₂O_{bio_comb} [U]
Unit:	kgN ₂ O/TJ
Description:	N ₂ O emission factor for biomass and waste (which includes dung and agricultural, municipal and industrial wastes) combustion
Source of data:	IPCC ⁴ , Volume 2, Chapter 2, Table 2.6, Page 2.25
Value(s) applied:	7
Choice of data or measurement methods and procedures	See "additional comment" below.
Purpose of data:	Project activity emission calculation
Additional comment:	Default value according to AMS-III.E. Version 07 is 4 kgN ₂ O/TJ, which was based on IPCC default value. However, 7 kgN ₂ O/TJ is used since this is the specific IPCC default value to wood waste boilers.

Data / Parameter:	CH₄_GWP [V]
Unit:	tCO ₂ e/tCH ₄
Description:	Global Warming Potential for CH ₄
Source of data:	UNFCCC ³
Value(s) applied:	25
Choice of data or measurement methods and procedures	Official value, according to UNFCCC for CDM project activities and PoAs in the second commitment period . See "additional comment" below.
Purpose of data:	Baseline, Project activity and Leakage emission calculations
Additional comment:	Official value. According to UNFCCC, EB 69 Report Annex 3 Page 1, "All monitoring, verifications and requests for issuance of certified emission reductions (CERs) in respect of emission reductions and removals achieved by CDM project activities and PoAs in the second commitment period (from 1 January 2013) shall be calculated using the GWPs as applied by decision 4/CMP.7 ", that use the errata from <i>Table 2.14 of IPCC AR4, with CH₄GWP=25</i> (http://www.ipcc.ch/publications_and_data/ar4/wg1/en/errataserrata-errata.html).

Data / Parameter:	N₂O_GWP [W]
Unit:	tCO ₂ e/tN ₂ O
Description:	Global Warming Potential for N ₂ O
Source of data:	UNFCCC ⁵
Value(s) applied:	298
Choice of data or measurement methods and procedures	Official value, according to UNFCCC for CDM project activities and PoAs in the second commitment period . See "additional comment" below.
Purpose of data:	Project activity and Leakage emission calculations
Additional comment:	Official value. According to UNFCCC, EB 69 Report Annex 3 Page 1, "All monitoring, verifications and requests for issuance of certified emission reductions (CERs) in respect of emission reductions and removals achieved by CDM project activities and PoAs in the second commitment period (from 1 January 2013) shall be calculated using the GWPs as applied by decision 4/CMP.7 ", that use the errata from <i>Table 2.14 of IPCC AR4, with N₂O_{GWP}=298</i> (http://www.ipcc.ch/publications_and_data/ar4/wg1/en/errataserrata-errata.html).

Data / Parameter:	Ddiesel [X]
Unit:	t/l
Description:	Diesel oil density
Source of data:	ANP
Value(s) applied:	8.8E-4
Choice of data or measurement methods and procedures	See "additional comment" below.
Purpose of data:	Project activity emission calculation
Additional comment:	According to Portaria nº 15 of Jul 17th, 2006 of the Brazilian Petroleum Agency (ANP) the value ranges 820 –880 kg/m ³ . The value used is more conservative.

³ Climate Change 1995, The Science of Climate Change: Summary for Policymakers and Technical Summary of the Working Group I Report, pg. 22.

Data / Parameter:	VEF_CO2 [Y]
Unit:	a) kgCO2/km b) kgCO2/t
Description:	CO2 emission factor for trucks
Source of data:	IPCC ⁴ , Table 1-32, Page 1.75
Value(s) applied:	a) 1.097 b) 3,172.31
Choice of data or measurement methods and procedures	Default values (IPCC for CO2) for US heavy duty diesel vehicles, uncontrolled.
Purpose of data:	Project activity and Leakage emission calculations
Additional comment:	Default values for US heavy duty diesel vehicles, uncontrolled. These values are not presented in the 2006 IPCC Guidelines for National Greenhouse Gas Inventories.

Data / Parameter:	VEF_CH4 [Z]
Unit:	a) kgCH4/km b) kgCH4/t
Description:	CH4 emission factor for trucks
Source of data:	IPCC ⁴ , Table 1-32, pg. 1.75
Value(s) applied:	a) 6.0E-5 b) 0.18
Choice of data or measurement methods and procedures	Default values (IPCC for CH4) for US heavy duty diesel vehicles, uncontrolled.
Purpose of data:	Project activity and Leakage emission calculations
Additional comment:	Default values for US heavy duty diesel vehicles, uncontrolled. These values are not presented in the 2006 IPCC Guidelines for National Greenhouse Gas Inventories.

Data / Parameter:	VEF_N2O [AA]
Unit:	a) kgN2O/km b) kgN2O/t
Description:	N2O emission factor for trucks
Source of data:	IPCC ⁴ , Table 1-32, pg. 1.75
Value(s) applied:	a) 3.1E-5 b) 0.09
Choice of data or measurement methods and procedures	Default values (IPCC for N2O) for US heavy duty diesel vehicles, uncontrolled.
Purpose of data:	Project activity and Leakage emission calculations
Additional comment:	Additional comment: Default values for US heavy duty diesel vehicles, uncontrolled. These values are more conservative than that presented in the 2006 IPCC Guidelines for National Greenhouse Gas Inventories

⁴ Revised 1996 IPCC Guidelines for National Greenhouse Gas Inventories: Reference Manual.

D.2. Data and parameters monitored

Data / Parameter:	Fuel – Amount of wood waste combusted (ID 1)
Unit:	tonnes
Description:	Amount of wood waste fed into the boiler and consumed by the Project
Measured/Calculated/Default:	Measured
Source of data:	Dynamic scale

Value(s) of monitored parameter:	Fuel – Amounts of Fuel Waste		
	Year	Month	ID1
			QCbiomass (tonnes) [A]
	2013	1	22,002.00
		2	25,176.00
		3	24,897.00
		4	30,815.00
		5	29,419.00
		6	24,067.00
		7	20,402.00
		8	29,593.00
		9	7,603.00
		10	32,731.00
		11	33,638.00
		12	27,885.00
		Total	308,228.00
	2014	1	20,880.00
		2	29,862.00
		3	35,596.00
		4	34,819.00
		5	32,479.00
		6	22,325.00
		7	31,891.00
		8	29,941.00
		9	29,477.00
10		29,665.00	
Total		296,935.00	
Monitoring equipment:		Type: The wood waste fed into the boiler is measured through dynamic scale at entrance and automatically register in the Lages/Tractebel Electronic Planning Production Control System.	
	Accuracy class: The scale has accuracy of 99%, which complies with the maximum uncertainty of ± 1% defined by INMETRO.		
	Calibration frequency: Calibration has been carried out within 18 months. The INMETRO, Regulatory Agency of National Metrology, through its visits, along with Toledo, manufacturer accredited by INMETRO, ensures the functionality of the electronic scales.		
	Other information about the calibration of the dynamic scale installed in the entrance of the combustion chamber of the boiler and used to measure the amount of wood waste consumed by the Project is presented below:		

Measuring/reading/ recording frequency:	Scale Type: Dynamic; Scale Number: 3092000123; Certifier: Toledo. Certificates: <table border="1"> <thead> <tr> <th>Calibration Certificate Number</th><th>Date</th></tr> </thead> <tbody> <tr> <td>0066752</td><td>26 Dec 2013</td></tr> <tr> <td>0066377</td><td>08 Nov 2012</td></tr> </tbody> </table> Measuring frequency: Continuously Reporting frequency: Monthly	Calibration Certificate Number	Date	0066752	26 Dec 2013	0066377	08 Nov 2012
Calibration Certificate Number	Date						
0066752	26 Dec 2013						
0066377	08 Nov 2012						
Calculation method (if applicable):	Not applicable.						
QA/QC procedures:	The reported data are compared with the data in the Lages/Tractebel Electronic Planning Production Control System and are cross checked with purchase receipts.						
Purpose of data:	Baseline, Project activity and Leakage emission calculations.						
Additional comment:	To accurately calculate the emission reductions (ERs) from avoided methane emissions during the operation of the Lages Project, the amounts of wood waste consumed (QCbiomass) are monitored continuously and totalized on an annual basis.						

Data / Parameter:	Fuel – Amount of wood waste obtained from Battistella (ID 2)
Unit:	tonnes
Description:	Amount of wood waste purchased from Battistella by the Project
Measured/Calculated / Default:	Measured
Source of data:	Electronic scale (way in – way out)

Value(s) of monitored parameter:	Fuel – Amounts of Fuel Waste			
	Year	Month	ID2	
			Purchased from Battistella	
			(tonnes)	(%) [B]
	2013	1	0.00	0.00%
		2	0.00	0.00%
		3	0.00	0.00%
		4	0.00	0.00%
		5	0.00	0.00%
		6	0.00	0.00%
		7	0.00	0.00%
		8	0.00	0.00%
		9	0.00	0.00%
		10	0.00	0.00%
		11	0.00	0.00%
		12	0.00	0.00%
		Total	0.00	0.00%
	2014	1	0.00	0.00%
		2	0.00	0.00%
		3	0.00	0.00%
		4	0.00	0.00%
		5	0.00	0.00%
		6	0.00	0.00%
		7	0.00	0.00%
		8	0.00	0.00%
		9	0.00	0.00%
		10	0.00	0.00%
		Total	0.00	0.00%

Monitoring equipment:	<p>Type: Entrance truck scales Toledo mod 820-J # 03077001101 and # 03077001100.</p> <p>Accuracy class: The accuracy is proper for truck and validated by INMETRO.</p> <p>Calibration frequency: calibration is carried out within 18 months.</p> <p>Other information about the calibration of the electronic scales installed in the power plant entrance to measure the amount of wood waste purchased from each supplier are presented below. These equipments are used to monitor parameters ID2, ID3, ID4, ID8, ID10 an ID11 also.</p> <p>Scale type: Electronic (way in) Scale number: 3077001100</p> <table border="1" data-bbox="491 526 1034 784"> <thead> <tr> <th>Calibration Certificate Number</th><th>Certifier</th><th>Date</th></tr> </thead> <tbody> <tr> <td>1084857</td><td>Toledo</td><td>08 Jul 2014</td></tr> <tr> <td>1499344-2</td><td>INMETRO</td><td>20 Aug 2013</td></tr> <tr> <td>0988138</td><td>Toledo</td><td>23 Aug 2012</td></tr> </tbody> </table> <p>Scale type: Electronic (way out) Scale number: 3077001101</p> <table border="1" data-bbox="491 880 1034 1160"> <thead> <tr> <th>Calibration Certificate Number</th><th>Certifier</th><th>Date</th></tr> </thead> <tbody> <tr> <td>1084858</td><td>Toledo</td><td>08 Jul 2014</td></tr> <tr> <td>1499343-0</td><td>INMETRO</td><td>20 Aug 2013</td></tr> <tr> <td>0988137</td><td>Toledo</td><td>23 Aug 2012</td></tr> </tbody> </table>	Calibration Certificate Number	Certifier	Date	1084857	Toledo	08 Jul 2014	1499344-2	INMETRO	20 Aug 2013	0988138	Toledo	23 Aug 2012	Calibration Certificate Number	Certifier	Date	1084858	Toledo	08 Jul 2014	1499343-0	INMETRO	20 Aug 2013	0988137	Toledo	23 Aug 2012
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0988137	Toledo	23 Aug 2012																							
Measuring/Reading/Recording frequency:	<p>Measuring frequency: Each truck</p> <p>Reporting frequency: Monthly</p>																								

Calculation method
(if applicable):

In order to calculate the annual wood waste amount consumed (QCbiomass) from each source (Battistella, Sofia and Spot Market) as presented in the table below, the percentages of wood waste purchased from each source in a given month are applied to the total amount consumed in the respective month (which is measured accurately by a dynamic balance installed in the entrance of the combustion chamber of the boiler) and the obtained values are totalized annually.

Fuel – Amounts of wood waste				
Year	Month	Battistella	Sofia	Spot Market
		QCbiomass [E=A*B]	QCbiomass [F=A*C]	QCbiomass [G=A*D]
		(ton)	(ton)	(ton)
2013	1 to 12	0.00	0.00	308,228.00
2014	1 to 10	0.00	0.00	296,935.00

The wood waste amounts effectively treated under the Project (QTbiomass), which is used to calculate the baseline methane emissions, is calculated discounting the wood waste amounts were previously consumed in the Battistella and Sofia old boilers and applying the discount factor of 1% due to spontaneous combustion in the Battistella pile. These values were validated by DNV and used in the registered PDD. Additionally, due to the “torete” consumption and considering the degradation and methane generation from this wood waste when it is piled and left to decay occurs at a much lower rate than other wood waste, by conservativeness, the percentage of this wood waste purchased from each source (Battistella, Sofia and Spot Market) were applied as a discount factor over the wood waste amount treated under the Project, resulting in the values presented in the table below.

Year	Month	Battistella		
		QTbiomass [H=(E-I-J)*(1-α)] ⁵	Wood waste burned for own consumption [I]	Wood waste burned spontaneously in the pile [J=R*(E-I)]
		(tonnes)	(tonnes)	(tonnes)
2013	1 to 12	0.00	32,640.00	0.00
2014	1 to 10	0.00	27,200.00	0.00

Year	Month	Sofia	
		QTbiomass [K=(F-L)*(1-β)] ⁶	Wood waste burned for own consumption [L]
		(tonnes)	(tonnes)
2013	1 to 12	0.00	14,400.00
2014	1 to 10	0.00	12,000.00

Year	Month	Spot Market
		QTbiomass [M=G*(1-γ)]
		(tonnes)
2013	1 to 12	247,324.50
2014	1 to 10	265,070.65

QA/QC procedures:

The reported data was compared with the data in the Lages/Tractebel Electronic Planning Production Control System and cross checked with purchase receipts.

Purpose of data:	Baseline, Project activity and Leakage emission calculations																																																															
Additional comment:	<p>To accurately calculate the emission reductions (ERs) from avoided methane emissions during the operation of the Lages Project, the amounts of wood waste consumed (QCbiomass) and purchased are monitored continuously and totalized on an annual basis. Each source of wood waste (Battistella, Sofia and Spot Market) is treated separately and the methane emissions avoided from each source are calculated using the small-scale methodology AMS-III.E. (Version 07) at the end of each calendar year and each monitoring period based on the characteristics of the wood waste supplier and the wood waste piles avoided through the use by Lages Project. Additionally, the Annex 1 present the wood waste amounts consumed and purchased from each supplier during the monitoring period.</p> <p>As explained before at Session B1 Sofia and Battistella closed down at September 2007 and October 2008 respectively, what justifies the non-existence of wood waste supply from these sources. As consequence, to substitute the biomass reduction from Battistella and Sofia, it was required a wood waste supply increasing from the many other Spot Market suppliers. In addition to that, as also explained at B1 the PDD was revised considering the additional use of “toretas”, in this sense the tables below presents the amount of biomass from this biomass variety purchased from each source (Battistella, Sofia and Spot Market).</p> <table><tr><th rowspan="3">Year</th><th rowspan="3">Month</th><th colspan="3">Purchased from Battistella</th></tr><tr><th>Total Wood Waste Amount</th><th colspan="2">“Torete” Amount</th></tr><tr><th>(tonnes)</th><th>(tonnes)</th><th>(%) [α]</th></tr><tr><td>2013</td><td>1 to 12</td><td>0.00</td><td>0.00</td><td>0.00%</td></tr><tr><td>2014</td><td>1 to 10</td><td>0.00</td><td>0.00</td><td>0.00%</td></tr></table> <table><tr><th rowspan="3">Year</th><th rowspan="3">Month</th><th colspan="3">Purchased from Sofia</th></tr><tr><th>Total Wood Waste Amount</th><th colspan="2">“Torete” Amount</th></tr><tr><th>(tonnes)</th><th>(tonnes)</th><th>(%) [β]</th></tr><tr><td>2013</td><td>1 to 12</td><td>0.00</td><td>0.00</td><td>0.00%</td></tr><tr><td>2014</td><td>1 to 10</td><td>0.00</td><td>0.00</td><td>0.00%</td></tr></table> <table><tr><th rowspan="3">Year</th><th rowspan="3">Month</th><th colspan="3">Purchased from Spot Market</th></tr><tr><th>Total Wood Waste Amount</th><th colspan="2">“Torete” Amount</th></tr><tr><th>(tonnes)</th><th>(tonnes)</th><th>(%) [γ]</th></tr><tr><td>2013</td><td>1 to 12</td><td>311,150.610</td><td>61,480.99</td><td>19.76%</td></tr><tr><td>2014</td><td>1 to 10</td><td>302,652.820</td><td>32,477.93</td><td>10.73%</td></tr></table>	Year	Month	Purchased from Battistella			Total Wood Waste Amount	“Torete” Amount		(tonnes)	(tonnes)	(%) [α]	2013	1 to 12	0.00	0.00	0.00%	2014	1 to 10	0.00	0.00	0.00%	Year	Month	Purchased from Sofia			Total Wood Waste Amount	“Torete” Amount		(tonnes)	(tonnes)	(%) [β]	2013	1 to 12	0.00	0.00	0.00%	2014	1 to 10	0.00	0.00	0.00%	Year	Month	Purchased from Spot Market			Total Wood Waste Amount	“Torete” Amount		(tonnes)	(tonnes)	(%) [γ]	2013	1 to 12	311,150.610	61,480.99	19.76%	2014	1 to 10	302,652.820	32,477.93	10.73%
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⁵ The wood waste amount consumed (QC_{biomass}) from Battistella in 2013 (from Jan to December) and 2014 (from January to October) was zero due to its close down.

⁶ The wood waste amount consumed (QC_{biomass}) from Sofia in 2013 (from Jan to December) and 2014 (from January to October) was zero due to its close down.

Data / Parameter:	Fuel – Amount of wood waste obtained from Sofia (ID 3)																																																																																		
Unit:	tonnes																																																																																		
Description:	Amount of wood waste purchased from Sofia by the Project																																																																																		
Measured/ Calculated / Default:	Measured																																																																																		
Source of data:	Electronic scale (way in – way out)																																																																																		
Value(s) of monitored parameter:	<table border="1"> <thead> <tr> <th rowspan="3">Year</th><th rowspan="3">Month</th><th colspan="2">ID3</th></tr> <tr> <th colspan="2">Purchased from Sofia</th></tr> <tr> <th>(tonnes)</th><th>(%) [C]</th></tr> </thead> <tbody> <tr> <td rowspan="13">2013</td><td>1</td><td>0.00</td><td>0.00%</td></tr> <tr> <td>2</td><td>0.00</td><td>0.00%</td></tr> <tr> <td>3</td><td>0.00</td><td>0.00%</td></tr> <tr> <td>4</td><td>0.00</td><td>0.00%</td></tr> <tr> <td>5</td><td>0.00</td><td>0.00%</td></tr> <tr> <td>6</td><td>0.00</td><td>0.00%</td></tr> <tr> <td>7</td><td>0.00</td><td>0.00%</td></tr> <tr> <td>8</td><td>0.00</td><td>0.00%</td></tr> <tr> <td>9</td><td>0.00</td><td>0.00%</td></tr> <tr> <td>10</td><td>0.00</td><td>0.00%</td></tr> <tr> <td>11</td><td>0.00</td><td>0.00%</td></tr> <tr> <td>12</td><td>0.00</td><td>0.00%</td></tr> <tr> <td>Total</td><td>0.00</td><td>0.00%</td></tr> <tr> <td rowspan="11">2014</td><td>1</td><td>0.00</td><td>0.00%</td></tr> <tr> <td>2</td><td>0.00</td><td>0.00%</td></tr> <tr> <td>3</td><td>0.00</td><td>0.00%</td></tr> <tr> <td>4</td><td>0.00</td><td>0.00%</td></tr> <tr> <td>5</td><td>0.00</td><td>0.00%</td></tr> <tr> <td>6</td><td>0.00</td><td>0.00%</td></tr> <tr> <td>7</td><td>0.00</td><td>0.00%</td></tr> <tr> <td>8</td><td>0.00</td><td>0.00%</td></tr> <tr> <td>9</td><td>0.00</td><td>0.00%</td></tr> <tr> <td>10</td><td>0.00</td><td>0.00%</td></tr> <tr> <td>Total</td><td>0.00</td><td>0.00%</td></tr> </tbody> </table>	Year	Month	ID3		Purchased from Sofia		(tonnes)	(%) [C]	2013	1	0.00	0.00%	2	0.00	0.00%	3	0.00	0.00%	4	0.00	0.00%	5	0.00	0.00%	6	0.00	0.00%	7	0.00	0.00%	8	0.00	0.00%	9	0.00	0.00%	10	0.00	0.00%	11	0.00	0.00%	12	0.00	0.00%	Total	0.00	0.00%	2014	1	0.00	0.00%	2	0.00	0.00%	3	0.00	0.00%	4	0.00	0.00%	5	0.00	0.00%	6	0.00	0.00%	7	0.00	0.00%	8	0.00	0.00%	9	0.00	0.00%	10	0.00	0.00%	Total	0.00	0.00%
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	10	0.00	0.00%																																																																																
	Total	0.00	0.00%																																																																																
Monitoring equipment:	See same item in the parameter ID 2.																																																																																		
Measuring/ Reading/ Recording frequency:	Measuring frequency: Each truck Reporting frequency: Monthly																																																																																		
Calculation method (if applicable):	See same item in the parameter ID 2.																																																																																		
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Purpose of data:	Baseline, Project activity and Leakage emission calculations																																																																																		
Additional comment:	See same item in the parameter ID 2.																																																																																		

Data / Parameter:	Fuel – Amount of wood waste obtained from Spot Market (ID4)
Unit:	tonnes
Description:	Amount of wood waste purchased from Spot Market by the Project
Measured/ Calculated / Default:	Measured
Source of data:	Electronic scale (way in – way out)
Value(s) of monitored parameter:	See same item in the parameter ID 1.
Monitoring equipment:	See same item in the parameter ID 2
Measuring/ Reading/ Recording frequency:	Measuring frequency: Each truck Reporting frequency: Monthly
Calculation method (if applicable):	See same item in the parameter ID 1.
QA/QC procedures:	The reported data was compared with the data in the Lages/Tractebel Electronic Planning Production Control System and cross checked with purchase receipts
Purpose of data:	See same item in the parameter ID 2
Additional comment:	

Data / Parameter:	On-site transportation – Diesel oil purchase (ID 6)
Unit:	litres
Description:	Amount of Diesel oil purchased by the Project and used on the on-site transportation
Measured/ Calculated / Default:	Measured
Source of data:	Invoices and Diesel feed pump at internal gas station.

Value(s) of monitored parameter:	<p>The amount of diesel oil used inside the Lages Project was monthly monitored through the invoices emitted by the proper supplier and amounts already stored (initial and final inventory) and is presented in the table below.</p> <table border="1"> <thead> <tr> <th colspan="3">On-site transportation</th> </tr> <tr> <th rowspan="3">Year</th><th rowspan="3">Month</th><th>ID6</th></tr> <tr> <th>Qdiesel [AB]</th></tr> <tr> <th>(litres)</th></tr> </thead> <tbody> <tr><td rowspan="13">2013</td><td>1</td><td>5,782.20</td></tr> <tr><td>2</td><td>5,298.70</td></tr> <tr><td>3</td><td>5,414.20</td></tr> <tr><td>4</td><td>6,797.80</td></tr> <tr><td>5</td><td>7,131.10</td></tr> <tr><td>6</td><td>5,361.90</td></tr> <tr><td>7</td><td>4,113.30</td></tr> <tr><td>8</td><td>5,463.70</td></tr> <tr><td>9</td><td>2,872.30</td></tr> <tr><td>10</td><td>6,399.20</td></tr> <tr><td>11</td><td>6,346.80</td></tr> <tr><td>12</td><td>6,144.70</td></tr> <tr><td>Total</td><td>67,125.90</td></tr> <tr><td rowspan="11">2014</td><td>1</td><td>5,425.00</td></tr> <tr><td>2</td><td>5,632.00</td></tr> <tr><td>3</td><td>5,724.50</td></tr> <tr><td>4</td><td>5,953.50</td></tr> <tr><td>5</td><td>5,907.70</td></tr> <tr><td>6</td><td>4,812.90</td></tr> <tr><td>7</td><td>6,088.50</td></tr> <tr><td>8</td><td>6,856.00</td></tr> <tr><td>9</td><td>5,323.60</td></tr> <tr><td>10</td><td>5,612.50</td></tr> <tr><td>Total</td><td>57,336.20</td></tr> </tbody> </table>	On-site transportation			Year	Month	ID6	Qdiesel [AB]	(litres)	2013	1	5,782.20	2	5,298.70	3	5,414.20	4	6,797.80	5	7,131.10	6	5,361.90	7	4,113.30	8	5,463.70	9	2,872.30	10	6,399.20	11	6,346.80	12	6,144.70	Total	67,125.90	2014	1	5,425.00	2	5,632.00	3	5,724.50	4	5,953.50	5	5,907.70	6	4,812.90	7	6,088.50	8	6,856.00	9	5,323.60	10	5,612.50	Total	57,336.20
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Monitoring equipment:	<p>Type: Diesel feed pump at internal gas station. Calibration frequency: Resolution ANP no 12, March 3rd, 2007 does not refer to a specific period for calibration. Calibration has been carried out within 18 months. The INMETRO, Regulatory Agency of National Metrology, through its visits, ensures the functionality of the device and its compliance. Other information about the calibration of the internal diesel feed pump are presented in the table below.</p> <table border="1"> <thead> <tr> <th>Pump Number</th><th>Calibration Certificate Number</th><th>Certifier</th><th>Date</th></tr> </thead> <tbody> <tr> <td>540670</td><td>1495970-7</td><td>INMETRO</td><td>27 Jun 2013</td></tr> <tr> <td>540670</td><td>835573-3</td><td>INMETRO</td><td>20 Apr 2012</td></tr> </tbody> </table>	Pump Number	Calibration Certificate Number	Certifier	Date	540670	1495970-7	INMETRO	27 Jun 2013	540670	835573-3	INMETRO	20 Apr 2012																																														
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Measuring/ Reading/ Recording frequency:	Measuring frequency: Daily Reporting frequency: Monthly
Calculation method (if applicable):	Not applicable.
QA/QC procedures:	The reported data was compared with the data in the Lages/Tractebel Electronic Planning Production Control System and cross checked with purchase receipts.
Purpose of data:	Project activity emission calculation
Additional comment:	

Data / Parameter:	Off-site transportation – Location of wood waste suppliers compared to Lages site (ID 7)																							
Unit:	km																							
Description:	Weighted average round trip distance between the sites of the wood waste suppliers and Lages site.																							
Measured/ Calculated / Default:	Measured																							
Source of data:	Wood waste invoices/receipts.																							
Value(s) of monitored parameter:	<div>The data about the round trip distance between the wood waste suppliers and the Lages Project site and the truck capacity were monitored and are presented in the tables of the Annex 1. The weighted average round trip distance and truck capacity of all active wood waste suppliers to Lages Project site which are necessary to calculate the emissions from the off-site transportation are presented below.</div> <table><tr><th colspan="4">Off-site transportation</th></tr><tr><th rowspan="3">Year</th><th rowspan="3">Month</th><th>ID7</th><th>ID8</th></tr><tr><th>AVDbiomass [AC]</th><th>TCbiomass [AD]</th></tr><tr><th>(km)</th><th>(tonnes)</th></tr><tr><td>2013</td><td>1 to 12</td><td>56.4</td><td>18.1</td></tr><tr><td>2014</td><td>1 to 10</td><td>81.3</td><td>18.2</td></tr></table>				Off-site transportation				Year	Month	ID7	ID8	AVDbiomass [AC]	TCbiomass [AD]	(km)	(tonnes)	2013	1 to 12	56.4	18.1	2014	1 to 10	81.3	18.2
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		AVDbiomass [AC]	TCbiomass [AD]																					
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2013	1 to 12	56.4	18.1																					
2014	1 to 10	81.3	18.2																					
Monitoring equipment:	Not applicable.																							
Measuring/ Reading/ Recording frequency:	Measuring frequency: Each purchase receipt, address on purchase receipts Reporting frequency: Monthly																							
Calculation method (if applicable):	Calculated the weighted average round trip distance of all active wood waste suppliers of Lages Project.																							
QA/QC procedures:	The reported data was compared with the data in the Lages/Tractebel Electronic Planning Production Control System and cross checked with purchase receipts.																							
Purpose of data:	Leakage emission calculation																							
Additional comment:																								

Data / Parameter:	Off-site transportation – Truck capacity (ID 8)																								
Unit:	tonnes																								
Description:	Truck capacity of all active wood waste suppliers to Lages Project site.																								
Measured/ Calculated / Default:	Measured																								
Source of data:	Electronic scale (way in – way out)																								
Value(s) of monitored parameter:	<p>The data about the round trip distance between the wood waste suppliers and the Lages Project site and the truck capacity were monitored and are presented in the tables of the Annex 1. The weighted average round trip distance and truck capacity of all active wood waste suppliers to Lages Project site which are necessary to calculate the emissions from the off-site transportation are presented below.</p> <table border="1"> <thead> <tr> <th colspan="4">Off-site transportation</th></tr> <tr> <th rowspan="3">Year</th><th rowspan="3">Month</th><th>ID7</th><th>ID8</th></tr> <tr> <th>AVDbiomass [AC]</th><th>TCbiomass [AD]</th></tr> <tr> <th>(km)</th><th>(tonnes)</th></tr> </thead> <tbody> <tr> <td>2013</td><td>1 to 12</td><td>56.4</td><td>18.1</td></tr> <tr> <td>2014</td><td>1 to 10</td><td>81.3</td><td>18.2</td></tr> </tbody> </table>	Off-site transportation				Year	Month	ID7	ID8	AVDbiomass [AC]	TCbiomass [AD]	(km)	(tonnes)	2013	1 to 12	56.4	18.1	2014	1 to 10	81.3	18.2				
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2013	1 to 12	56.4	18.1																						
2014	1 to 10	81.3	18.2																						
Monitoring equipment:	<p>Type: Entrance truck scales Toledo mod 820-J # 03077001101 and # 03077001100.</p> <p>Accuracy class: The accuracy is proper for truck and validated by INMETRO.</p> <p>Calibration frequency: calibration is carried out within 18 months.</p> <p>Other information about the calibration of the electronic scales installed in the power plant entrance is presented in the table below. These equipments are used to monitor parameters ID2, ID3, ID4, ID10 an ID11 also.</p> <p>Scale type: Electronic (way in) Scale number: 3077001100</p> <table border="1"> <thead> <tr> <th>Calibration Certificate Number</th><th>Certifier</th><th>Date</th></tr> </thead> <tbody> <tr> <td>1084857</td><td>Toledo</td><td>08 Jul 2014</td></tr> <tr> <td>1499344-2</td><td>INMETRO</td><td>20 Aug 2013</td></tr> <tr> <td>0988138</td><td>Toledo</td><td>23 Aug 2012</td></tr> </tbody> </table> <p>Scale type: Electronic (way out) Scale number: 3077001101</p> <table border="1"> <thead> <tr> <th>Calibration Certificate Number</th><th>Certifier</th><th>Date</th></tr> </thead> <tbody> <tr> <td>1084858</td><td>Toledo</td><td>08 Jul 2014</td></tr> <tr> <td>1499343-0</td><td>INMETRO</td><td>20 Aug 2013</td></tr> <tr> <td>0988137</td><td>Toledo</td><td>23 Aug 2012</td></tr> </tbody> </table>	Calibration Certificate Number	Certifier	Date	1084857	Toledo	08 Jul 2014	1499344-2	INMETRO	20 Aug 2013	0988138	Toledo	23 Aug 2012	Calibration Certificate Number	Certifier	Date	1084858	Toledo	08 Jul 2014	1499343-0	INMETRO	20 Aug 2013	0988137	Toledo	23 Aug 2012
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0988137	Toledo	23 Aug 2012																							

Measuring/ Reading/ Recording frequency:	Measuring frequency: Each transportation receipt. Reporting frequency: Monthly
Calculation method (if applicable):	The receipts of wood waste are registered at entrance of Lages, including the actual weight of each truck. The information from the Lages/Tractebel Electronic Planning Production Control System was used to calculate the weighted average truck capacity of all active wood waste suppliers of Lages Project.
QA/QC procedures:	The reported data was compared with the data in the Lages/Tractebel Electronic Planning Production Control System.
Purpose of data:	Leakage emission calculation
Additional comment:	

Data / Parameter:	Ash transportation – Location of ash disposal site (ID 9)																							
Unit:	km																							
Description:	Weighted average round trip distance between the ash disposal sites and Lages site.																							
Measured/ Calculated / Default:	Measured																							
Source of data:	Ash invoices/receipts.																							
Value(s) of monitored parameter:	<p>The data about the round trip distance between the Lages Project site and ash disposal sites and the truck capacity were monitored and are presented in the table below. During the monitoring period, the ash produced by the project activity was disposed at Lages Region aligned with the Environmental Agency approval, reducing the round trip distance and consequently greenhouse gas emissions from ash transportation in comparison with the previous monitoring reports. Until July 2008 the ash produced had been transported to Jorge Lacerda Thermoelectric Power Plant, in Capivari de Baixo municipality, State of Santa Catarina, to be disposed in an appropriate manner.</p> <table><tr><th colspan="4">Ash transportation</th></tr><tr><th rowspan="4">Year</th><th rowspan="4">Month</th><th>ID9</th><th>ID10</th></tr><tr><th>AVDash [AE]</th><th>TCash [AF]</th></tr><tr><th>(km)</th><th>(tonnes)</th></tr><tr><td>2013</td><td>1 to 12</td><td>69.0</td><td>15.1</td></tr><tr><td>2014</td><td>1 to 10</td><td>73.1</td><td>15.3</td></tr></table>				Ash transportation				Year	Month	ID9	ID10	AVDash [AE]	TCash [AF]	(km)	(tonnes)	2013	1 to 12	69.0	15.1	2014	1 to 10	73.1	15.3
Ash transportation																								
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		(km)	(tonnes)																					
		2013	1 to 12	69.0	15.1																			
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Monitoring equipment:	Not applicable																							
Measuring/ Reading/ Recording frequency:	Measuring frequency: Each transport Reporting frequency: Monthly																							
Calculation method (if applicable):	Calculated the weighted average round trip distance between the ash disposal sites and Lages Project site.																							
QA/QC procedures:	The reported data was compared with the data in the Lages/Tractebel Electronic Planning Production Control System																							
Purpose of data:	Leakage emission calculation																							
Additional comment:																								

Data / Parameter:	Ash transportation – Truck capacity (ID 10)																				
Unit:	tonnes																				
Description:	Capacity of the trucks transporting the ash produced in Lages Project site to the disposal sites.																				
Measured/ Calculated / Default:	Measured																				
Source of data:	Electronic scale (way in – way out)																				
Value(s) of monitored parameter:	<p>The data about the round trip distance between the Lages Project site and ash disposal sites and the truck capacity were monitored and are presented in the table below. During the monitoring period, the ash produced by the project activity was disposed at Lages Region aligned with the Environmental Agency approval, reducing the round trip distance and consequently greenhouse gas emissions from ash transportation in comparison with the previous monitoring reports. Until July 2008 the ash produced had been transported to Jorge Lacerda Thermoelectric Power Plant, in Capivari de Baixo municipality, State of Santa Catarina, to be disposed in an appropriate manner.</p> <table><tr><th colspan="4">Ash transportation</th></tr><tr><th rowspan="3">Year</th><th rowspan="3">Month</th><th>ID9</th><th>ID10</th></tr><tr><th>AVDash [AE]</th><th>TCash [AF]</th></tr><tr><th>(km)</th><th>(tonnes)</th></tr><tr><td>2013</td><td>1 to 12</td><td>69.0</td><td>15.1</td></tr><tr><td>2014</td><td>1 to 10</td><td>73.1</td><td>15.3</td></tr></table>	Ash transportation				Year	Month	ID9	ID10	AVDash [AE]	TCash [AF]	(km)	(tonnes)	2013	1 to 12	69.0	15.1	2014	1 to 10	73.1	15.3
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Monitoring equipment:	See same item in the parameter ID 8																				
Measuring/ Reading/ Recording frequency:	Measuring frequency: Each transportation receipt. Reporting frequency: Monthly																				
Calculation method (if applicable):	The ash transportation receipts are registered at exit of Lages facilities, including the actual weigh of each truck. The information from the Lages/Tractebel Electronic Planning Production Control System was used to calculate the weighted average truck capacity transporting ashes from Lages Project to the disposal sites.																				
QA/QC procedures:	The reported data was compared with the data in the Lages/Tractebel Electronic Planning Production Control System.																				
Purpose of data:	Leakage emission calculation																				
Additional comment:																					

Data / Parameter:	Ash production – Amount of ash produced (ID 11)
Unit:	tonnes
Description:	Amount of ash produced in the Lages Project.
Measured/ Calculated / Default:	Measured
Source of data:	Electronic scale (way in – way out)

Value(s) of monitored parameter:	<p>The amount of ash produced and transported by Lages Project was monthly monitored and is presented in the table below.</p> <table border="1"> <thead> <tr> <th colspan="3">Ash production</th> </tr> <tr> <th rowspan="3">Year</th><th rowspan="3">Month</th><th>ID11</th></tr> <tr> <th>Qash [AG]</th></tr> <tr> <th>(tonnes)</th></tr> </thead> <tbody> <tr> <td rowspan="13">2013</td><td>1</td><td>1,648.62</td></tr> <tr> <td>2</td><td>1,694.41</td></tr> <tr> <td>3</td><td>1,577.80</td></tr> <tr> <td>4</td><td>2,268.24</td></tr> <tr> <td>5</td><td>2,075.15</td></tr> <tr> <td>6</td><td>1,575.19</td></tr> <tr> <td>7</td><td>1,099.83</td></tr> <tr> <td>8</td><td>2,133.74</td></tr> <tr> <td>9</td><td>681.06</td></tr> <tr> <td>10</td><td>2,789.69</td></tr> <tr> <td>11</td><td>2,955.90</td></tr> <tr> <td>12</td><td>1,979.15</td></tr> <tr> <td></td><td>Total</td><td>22,478.78</td></tr> <tr> <td rowspan="11">2014</td><td>1</td><td>1,510.61</td></tr> <tr> <td>2</td><td>2,160.92</td></tr> <tr> <td>3</td><td>2,348.78</td></tr> <tr> <td>4</td><td>2,206.13</td></tr> <tr> <td>5</td><td>2,086.50</td></tr> <tr> <td>6</td><td>1,128.16</td></tr> <tr> <td>7</td><td>1,705.32</td></tr> <tr> <td>8</td><td>1,736.35</td></tr> <tr> <td>9</td><td>1,820.14</td></tr> <tr> <td>10</td><td>1,809.31</td></tr> <tr> <td></td><td>Total</td><td>18,512.22</td></tr> </tbody> </table>	Ash production			Year	Month	ID11	Qash [AG]	(tonnes)	2013	1	1,648.62	2	1,694.41	3	1,577.80	4	2,268.24	5	2,075.15	6	1,575.19	7	1,099.83	8	2,133.74	9	681.06	10	2,789.69	11	2,955.90	12	1,979.15		Total	22,478.78	2014	1	1,510.61	2	2,160.92	3	2,348.78	4	2,206.13	5	2,086.50	6	1,128.16	7	1,705.32	8	1,736.35	9	1,820.14	10	1,809.31		Total	18,512.22
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Monitoring equipment:	See same item in the parameter ID 8																																																												
Measuring/ Reading/ Recording frequency:	Measuring frequency: Each transport. All ash trucks are weighed and the weight is registered into the Lages/Tractebel Electronic Planning Production Control System Reporting frequency: Monthly																																																												
Calculation method (if applicable):	Not applicable.																																																												
QA/QC procedures:	The reported data was compared with the data in the Lages/Tractebel Electronic Planning Production Control System.																																																												
Purpose of data:	Leakage emission calculation																																																												
Additional comment:																																																													

D.3. Implementation of sampling plan

>> Not applicable.

SECTION E. Calculation of emission reductions or GHG removals by sinks**E.1. Calculation of baseline emissions or baseline net GHG removals by sinks**

>> The methane emission factor is calculated as follows:

$$\text{CH}_4_IPCC_{\text{decay}} = (\text{MCF} \cdot \text{DOC} \cdot \text{DOCF} \cdot F \cdot 16/12)$$

where,

- $\text{CH}_4_IPCC_{\text{decay}}$: IPCC CH_4 emission factor for decaying biomass in the region of the project activity (tCH_4/t);
- MCF: Methane correction factor (fraction);
- DOC: Degradable organic carbon (fraction);
- DOCF: Fraction DOC dissimilated to landfill gas (fraction);
- F: Fraction of CH_4 in landfill gas (fraction).

The baseline methane emissions from biomass decay are calculated using the formulae below:

$$\text{BE}_y = \text{QT}_{\text{biomass}} \cdot \text{CH}_4_IPCC_{\text{decay}} \cdot \text{CH}_4_GWP$$

where,

- BE_y : Baseline methane emissions from biomass decay (tCO_2e);
- $\text{QT}_{\text{biomass}}$: Quantity of biomass treated under the project activity (t);
- CH_4_GWP : Global Warming Potential for CH_4 ($\text{tCO}_2\text{e}/\text{tCH}_4$).

The baseline emissions presented in the tables below were obtained when applying the monitored data to the equations presented above

IPCC CH_4 emission factor for decaying biomass ($\text{CH}_4_IPCC_{\text{decay}}$)						
Wood waste suppliers	IPCC CH_4 emission factor for decaying biomass ($\text{CH}_4_IPCC_{\text{decay}}$) [AH=N*O*P*Q*AI]	Methane correction factor (MCF) [N]	Degradable organic carbon (DOC) [O]	Fraction DOC dissimilated to landfill gas (DCO_F) [P]	Fraction of CH_4 in landfill gas (F) [Q]	16/12 [AI]
	(tCH_4/t)	(fraction)	(fraction)	(fraction)	(fraction)	(fraction)
Battistella	0.1147	0.8	0.43	0.5	0.5	1.33
Sofia	0.0573	0.4	0.43	0.5	0.5	1.33
Spot Market	0.0573	0.4	0.43	0.5	0.5	1.33

BATTISTELLA SUPPLY				
Baseline methane emissions from biomass decay (BE_v)				
Year	Baseline methane emissions from biomass decay (BE_v) [AJ=H*AH*V]	Quantity of biomass treated under the project activity* ($QT_{biomass}$) [H]	IPCC CH ₄ emission factor for decaying biomass ($CH_4_{IPCC_{decay}}$) [AH]	GWP for CH ₄ (CH_4_{GWP}) [V]
	(tCO ₂ e/year)	(t/year)	(tCH ₄ /t)	(tCO ₂ e/tCH ₄)
Jan - Dec 2013	0.00	0.00	0.1147	25
Jan – Oct 2014	0.00	0.00	0.1147	25
Total	0.00	0.00	-	-

SOFIA SUPPLY				
Baseline methane emissions from biomass decay (BE_v)				
Year	Baseline methane emissions from biomass decay (BE_v) [AK=K*AH*V]	Quantity of biomass treated under the project activity* ($QT_{biomass}$) [K]	IPCC CH ₄ emission factor for decaying biomass ($CH_4_{IPCC_{decay}}$) [AH]	GWP for CH ₄ (CH_4_{GWP}) [V]
	(tCO ₂ e/year)	(t/year)	(tCH ₄ /t)	(tCO ₂ e/tCH ₄)
Jan - Dec 2013	0.00	0.00	0.0573	25
Jan – Oct 2014	0.00	0.00	0.0573	25
Total	0.00	0.00	-	-

SPOT MARKET SUPPLY				
Baseline methane emissions from biomass decay (BE_v)				
Year	Baseline methane emissions from biomass decay (BE_v) [AL=M*AH*V]	Quantity of biomass treated under the project activity* ($QT_{biomass}$) [M]	IPCC CH ₄ emission factor for decaying biomass ($CH_4_{IPCC_{decay}}$) [AH]	GWP for CH ₄ (CH_4_{GWP}) [V]
	(tCO ₂ e/year)	(t/year)	(tCH ₄ /t)	(tCO ₂ e/tCH ₄)
Jan - Dec 2013	354,498	247,324.50	0.0573	25
Jan – Oct 2014	379,935	265,070.65	0.0573	25
Total	734,433	512,395.15	-	-

Baseline methane emissions from biomass decay (BE_v)				
Year	Baseline methane emissions from biomass decay (BE_v) [AM=AJ+AK+AL]	Battistella Supply [AJ]	Sofia Supply [AK]	Spot Market Supply [AL]
	(tCO ₂ e/year)	(tCO ₂ e/year)	(tCO ₂ e/year)	(tCO ₂ e/year)
Jan - Dec 2013	354,498	0.00	0.00	354,498
Jan – Oct 2014	379,935	0.00	0.00	379,935
Total	734,433	0.00	0.00	734,433

E.2. Calculation of project emissions or actual net GHG removals by sinks

>> The emissions due to the project activity within the project boundary comprise:

- . CH₄ emissions and N₂O emissions due to combustion of the wood waste (PE_y);
- . CO₂, CH₄ and N₂O emissions due to on-site wood waste transportation.

The formulae presented in the AMS-III.E. (Version 07) to calculate the emissions of CH₄ and N₂O of the project activity considers only the emissions from the wood waste combustion as presented below:

$$PE_y = QC_{biomass} * E_{biomass} (CH_{4bio_comb} * CH_4_GWP + N_{2Obio_comb} * N_2O_GWP) / 10^6$$

where,

- PE_y: Project activity emissions (ktCO₂e);
- QC_{biomass}: Quantity of biomass consumed by the project activity (t);
- E_{biomass}: Energy content of biomass (TJ/t);
- CH_{4bio_comb}: CH₄ emission factor for biomass and waste (which includes dung and agricultural, municipal and industrial wastes) combustion (kgCH₄/TJ);
- CH₄_GWP: Global Warming Potential for CH₄ (tCO₂e/tCH₄);
- N_{2Obio_comb}: N₂O emission factor for biomass and waste (which includes dung and agricultural, municipal and industrial wastes) combustion (kgN₂O/TJ);
- N₂O_GWP: Global Warming Potential for N₂O (tCO₂e/tN₂O).

Emissions from on-site transportation (OT_GHG_y) are calculated using the following equation:

$$OT_GHG_y = Q_{diesel} * D_{diesel} * (VEF_CO_2 + VEF_CH_4 * CH_4_GWP + VEF_N_2O * N_2O_GWP) / 10^6$$

where,

- OT_GHG_y: Emissions from on-site transportation (ktCO₂e);
- Q_{diesel}: Diesel oil consumption (l);
- D_{diesel}: Diesel oil density (t/l);
- VEF_CO₂: CO₂ emission factor for trucks (kgCO₂/t);
- VEF_CH₄: CH₄ emission factor for trucks (kgCH₄/t);
- CH₄_GWP: Global Warming Potential for CH₄ (tCO₂e/tCH₄);
- VEF_N₂O: N₂O emission factor for trucks (kgN₂O/t);
- N₂O_GWP: Global Warming Potential for N₂O (tCO₂e/tN₂O).

The project activity emissions presented in the tables below were obtained when applying the monitored data to the equations presented above.

Project activity emissions (PE _y)							
Year	Project activity emissions (PE _y) [AN=A*S*(T*V+U*W)/10 ⁶]	Quantity of biomass consumed by project activity (QC _{biomass}) [A]	Energy content of biomass (E _{biomass}) [S]	CH ₄ emission factor for biomass and waste combustion (CH ₄ bio_comb) [T]	GWP for CH ₄ (CH ₄ _GWP) [V]	N ₂ O emission factor for biomass and waste combustion (N ₂ O _{bio_comb}) [U]	GWP for N ₂ O (N ₂ O_GWP) [W]
	(ktCO ₂ e/year)	(t/year)	(TJ/t)	(kgCH ₄ /TJ)	(tCO ₂ e/tCH ₄)	(kgN ₂ O/TJ)	(tCO ₂ e/tN ₂ O)
Jan - Dec 2013	5.637	308,228.00	7.746E-03	11	25	7	298
Jan - Oct 2014	5.430	296,935.00	7.746E-03	11	25	7	298
Total	11.067	605,163.00	-	-	-	-	-

Emissions from on-site transportation (OT_GHG _y)								
Year	Emissions from on-site transportation (OT_GHG _y) [AO=AB*X*(Y+Z*V+AA*W)/10 ⁶]	Diesel oil consumption (Q _{diesel}) [AB]	Diesel oil density (D _{diesel}) [X]	CO ₂ emission factor for trucks (VEF_CO ₂) [Y]	CH ₄ emission factor for trucks (VEF_CH ₄) [Z]	GWP for CH ₄ (CH ₄ _GWP) [V]	N ₂ O emission factor for trucks (VEF_N ₂ O) [AA]	GWP for N ₂ O (N ₂ O_GWP) [W]
	(ktCO ₂ e/year)	(l/year)	(t/l)	(kgCO ₂ /t)	(kgCH ₄ /t)	(tCO ₂ e/tCH ₄)	(kgN ₂ O/t)	(tCO ₂ e/tN ₂ O)
Jan - Dec 2013	0,189	67,125.90	8,80E-04	3,172.31	0.18	25	0,09	298
Jan - Oct 2014	0,162	57,336.20	8,80E-04	3,172.31	0.18	25	0,09	298
Total	0,351	124,462.10	-	-	-	-	-	-

E.3. Calculation of leakage

>> The two sources of leakage are related to the off-site wood waste transportation and ash transportation that is produced in the wood waste combustion process.

Emissions from off-site wood waste transportation are calculated using the following equation:

$$BT_GHG_y = QC_{biomass} / TC_{biomass} * AVDB_{biomass} * (VEF_CO_2 + VEF_CH_4 * CH_4_GWP + VEF_N_2O * N_2O_GWP) / 10^6$$

where,

- BT_GHG_y: Emission from off-site transportation (ktCO₂e);
- QC_{biomass}: Quantity of biomass consumed by project activity (t);
- TC_{biomass}: Truck average capacity for biomass transportation (t);
- AVDB_{biomass}: Average round trip distance to biomass supply sites (km);
- VEF_CO₂: CO₂ emission factor for trucks (kgCO₂/km);
- VEF_CH₄: CH₄ emission factor for trucks (kgCH₄/km);
- CH₄_GWP: Global Warming Potential for CH₄ (tCO₂e/tCH₄);
- VEF_N₂O: N₂O emission factor for trucks (kgN₂O/km);
- N₂O_GWP: Global Warming Potential for N₂O (tCO₂e/tN₂O).

Emissions from ash transportation are calculated using the following equation:

$$AT_GHG_y = Q_{ash} / TC_{ash} * AVD_{ash} * (VEF_CO_2 + VEF_CH_4 * CH_4_GWP + VEF_N_2O * N_2O_GWP) / 10^6$$

where,

- AT_GHGy: Emission from ash transportation (ktCO₂e);
- Qash: Quantity of ash produced by the project activity (t);
- TCash: Truck average capacity for ash transportation (t);
- AVDash: Round trip distance to disposal site (km);
- VEF_CO₂: CO₂ emission factor for trucks (kgCO₂/km);
- VEF_CH₄: CH₄ emission factor for trucks (kgCH₄/km);
- CH₄_GWP: Global Warming Potential for CH₄ (tCO₂e/tCH₄);
- VEF_N₂O: N₂O emission factor for trucks (kgN₂O/km);
- N₂O_GWP: Global Warming Potential for N₂O (tCO₂e/tN₂O).

Therefore, the leakage emissions (LEy) are the sum of the emissions from off-site transportation (BT_GHGy) and from ash transportation (AT_GHGy):

$$LEy = BT_GHGy + AT_GHGy$$

The leakage emissions presented in the tables below were obtained when applying the monitored data to the equations presented above.

Emissions from off-site transportation (BT_GHG _y)									
Year	Emissions from off-site transportation (BT_GHG _y) [AP=A/AD*AC*(Y+Z*V+AA*W)/10 ⁶]	Quantity of biomass consumed by project activity (QC _{biomass}) [A]	Truck average capacity for biomass transportation* (TC _{biomass}) [AD]	Average round trip distance to biomass supply sites* (AVD _{biomass}) [AC]	CO ₂ emission factor for trucks (VEF_CO ₂) [Y]	CH ₄ emission factor for trucks (VEF_CH ₄) [Z]	GWP for CH ₄ (CH ₄ _GWP) [V]	N ₂ O emission factor for trucks (VEF_N ₂ O) [AA]	GWP for N ₂ O (N ₂ O_GWP) [W]
	(ktCO ₂ e/year)	(t/year)	(t)	(km)	(kgCO ₂ /km)	(kgCH ₄ /km)	(tCO ₂ e/tCH ₄)	(kgN ₂ O/km)	(tCO ₂ e/tN ₂ O)
Jan - Dec 2013	1,063	308,228.00	18.1	56.4	1.097	6,0E-05	25	3,1E-05	298
Jan – Oct 2014	1,470	296,935.00	18.2	81.3	1.097	6,0E-05	25	3,1E-05	298
Total	2,533	605,163.00	-	-	-	-	-	-	-

Emissions from ash transportation (AT_GHG _y)									
Year	Emissions from ash transportation (AT_GHG _y) [AQ=AG/AF*AE*(Y+Z*V+AA*W)/10 ⁶]	Quantity of ash produced by the project activity (Q _{ash}) [AG]	Truck average capacity for ash transportation (TC _{ash}) [AF]	Round trip distance to disposal site (AVD _{ash}) [AE]	CO ₂ emission factor for trucks (VEF_CO ₂) [Y]	CH ₄ emission factor for trucks (VEF_CH ₄) [Z]	GWP for CH ₄ (CH ₄ _GWP) [V]	N ₂ O emission factor for trucks (VEF_N ₂ O) [AA]	GWP for N ₂ O (N ₂ O_GWP) [W]
	(ktCO ₂ e/year)	(t/year)	(t)	(km)	(kgCO ₂ /km)	(kgCH ₄ /km)	(tCO ₂ e/tCH ₄)	(kgN ₂ O/km)	(tCO ₂ e/tN ₂ O)
Jan - Dec 2013	0,114	22,478.78	15.1	69.0	1.097	6,0E-05	25	3,1E-05	298
Jan – Oct 2014	0,098	18,512.22	15.3	73.1	1.097	6,0E-05	25	3,1E-05	298
Total	0,212	40,991.00	-	-	-	-	-	-	-

Leakage emissions (LE_v)			
Year	Leakage emissions (LE_v) [AR=AP+AQ]	Emissions from off-site transportation (BT_GHG_v) [AP]	Emissions from ash transportation (AT_GHG_v) [AQ]
	(ktCO ₂ e/year)	(ktCO ₂ e/year)	(ktCO ₂ e/year)
Jan - Dec 2013	1.177	1.063	0.114
Jan – Oct 2014	1.568	1.470	0.098
Total	2.745	2.533	0.212

E.4. Summary of calculation of emission reductions or net GHG removals by sinks

Item	Baseline emissions or baseline net GHG removals by sinks (t CO ₂ e)	Project emissions or actual net GHG removals by sinks (t CO ₂ e)	Leakage (t CO ₂ e)	GHG emission reductions or net GHG removals by sinks (t CO ₂ e) achieved in the monitoring period		
				Up to 31/12/2012	From 01/01/2013	Total amount
Total	734,433	11.418	2.745	1,794,133	720,270	2,514,403

E.4.1 Total project activity emissions equation:

As a small-scale project activity, Lages Project shall directly emit less than 15 ktonnes CO₂e/year, according AMS-III.E. (Version 07). The total project activity emissions (PEy_{total}) are obtained by sum of PEy (from Section E.2) with OT_GHGy and with LEy (from Section E.3):

$$PEy_{total} = PEy + OT_GHGy + LEy$$

The total project activity emissions presented in the table below were obtained when applying the values calculated in the Sections E.2 e E.3 to the equation presented above:

Total project activity emissions ($PE_{y_{total}}$) [sum of E.2 and E.3]				
Year	Total project activity emissions ($PE_{y_{total}}$) [AS=AN+AO+AR]	Project activity emissions (PE_y) [AN]	Emissions from on-site transportation (OT_GHG_y) [AO]	Leakage emissions (LE_y) [AR]
	(ktCO ₂ e/year)	(ktCO ₂ e/year)	(ktCO ₂ e/year)	(ktCO ₂ e/year)
2013(Jan – Dec)	7.003	5.637	0.189	1.177
2014 (Jan – Oct)	7.160	5.430	0.162	1.568
Total	14.163	11.067	0.351	2.745

E.4.2. Emission reductions equations and calculation methods:

The emission reductions due to the project activity (ERy) are obtained by the difference between BEy (from Section E.1) and PEy_{total} in tCO₂ (From Section E.4.1):

$$ER_y = BE_y - PE_{y_total}$$

The project activity emission reductions presented in the table below were obtained when applying the values calculated in the Sections E.1 and E.4.1 to the equation presented above.

Emission reductions due to the project activity (ER_y) [difference between E.1 and E.4.1]			
Year	Emission reduction due to the project activity (ER_y) [AT=AM-AS]	Baseline methane emissions from biomass decay (BE_y) [AM]	Total project activity emissions (PE_{y_total}) [AS]
	(tCO ₂ e/year)	(tCO ₂ e/year)	(tCO ₂ e/year)
2013(Jan– Dec)	347,495	354,498	7,003
2014(Jan – Oct)	372,775	379,935	7,160
Total	720,270	734,433	14,163

The results for emission reductions are presented in the table below:

Item	Baseline emissions or baseline net GHG removals by sinks (t CO ₂ e)	Project emissions or actual net GHG removals by sinks (t CO ₂ e)	Leakage (t CO ₂ e)	Emission reductions or net anthropogenic GHG removals by sinks (t CO ₂ e)
Total	734,433	11,418	2,745	720,270

E.5. Comparison of actual emission reductions or net GHG removals by sinks with estimates in registered PDD

This section includes a comparison of actual values of the emission reductions achieved during the monitoring period with the estimations in the registered PDD.

Item	Values estimated in ex-ante calculation of registered PDD	Actual values achieved during this monitoring period
Emission reductions or GHG removals by sinks (t CO ₂ e)	360,596	720,270

E.6. Remarks on difference from estimated value in registered PDD

>> The emission reductions achieved over the designated monitoring period are 745,357 tonnes of CO₂e.

This amount is around 100% higher than the 360.596 tonnes of CO₂e which were estimated to be reduced according to the PDD in the same period due to the higher load factor of the cogeneration plant during this period, consequently treating a wood waste amount higher than that estimated in the PDD even with a lower emission factor due to reduced degradable organic carbon fraction dissimilated into landfill gas and higher degradable organic carbon in wood and wood production in IPCC2006 compared to IPCC1996.

The higher load factor was consequence of a drier season during 2013 and 2014, demanding additional thermal generation, besides the hydroelectric power generation, to supply the required power from Brazilian grid.

Appendix 1. Contact information of project participants and responsible persons/entities

Project participant and/or responsible person/ entity	<input checked="" type="checkbox"/> Project participant <input checked="" type="checkbox"/> Person/entity responsible for completing the CDM-MR-FORM
Organization name	Tractebel Energia S.A.
Street/P.O. Box	Rua Paschoal Apóstolo Pítsica, 5064 - Agronômica
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First name	Mario
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Direct tel.	+55 (49) 3221-4510
Personal e-mail	mario@tractebelenergia.com.br

Project participant and/or responsible person/ entity	<input checked="" type="checkbox"/> Project participant <input checked="" type="checkbox"/> Person/entity responsible for completing the CDM-MR-FORM
Organization name	Tractebel Energia S.A.
Street/P.O. Box	Rua Paschoal Apóstolo Pítsica, 5064 - Agronômica
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Personal e-mail	previtali@tractebelenergia.com.br

Annex 1 – Wood waste by supplier
CONSUMED AMOUNTS IN 2013

Wood waste suppliers	Status (Active/N on- active)	Round trip distance to Lages Project (km) [AW]	Truck Capaci ty (tonne s) [AX]	Consumed wood waste amount (tonnes/month)												Total consumed amount (tonnes/yea r) [A]	Travels (un./year) [AY=A/AX]	Total travelled distance (km/year) [AZ=AW* AY]
				Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
Lages region																		
Battistella	Inactive	2.00	14.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sofia	Inactive	4.00	4.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Adelia Tealdi	Inactive	90.00	13.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Adelina Vieira dos Santos	Inactive	12.00	11.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Adilson Tadeu Coelho	Inactive	60.00	6.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Adriano Schweitzer da Silveira	Inactive	24.00	18.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aginaldo Bastos Rodrigues	Active	150.00	20.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	129.26	129.26	6.30	944.91
Agro Comercial Zandonadi Ltda.	Inactive	200.00	16.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Agro Florestal Paequerê	Inactive	80.00	16.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Agroflorestal Serrana	Inactive	146.00	18.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Agronegocios Mãe Rainha	Active	8.00	17.12	0.00	0.00	178.13	401.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	579.42	33.84	270.76
Alceir de Jesus	Inactive	27.00	18.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alcides Inaldo Ramos Rosa	Inactive	27.00	9.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aldo Silveira flores	Inactive	22.00	16.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alexandre Coelho de Oliveira	Inactive	14.00	9.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Altair Benício Luz	Inactive	120.00	10.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anderson Chaves Pucci	Inactive	38.00	10.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Antonio Amarante	Inactive	70.00	17.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Antonio Carlos de Liz Stefen	Inactive	30.00	14.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Antonio Ermar Garcia e/ou Maria Ilza G. Garcia	Inactive	80.00	14.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Apretec Madeiras	Inactive	4.00	7.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aparicio Araujo de Oliveira	Active	20.00	15.44	0.00	0.00	0.00	0.00	38.66	13.98	0.00	0.00	0.00	0.00	0.00	0.00	52.63	3.41	68.18
Araupel	Inactive	160.00	30.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aristides Araujo	Inactive	10.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Arno Tillmann	Inactive	52.00	16.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Arno Volni Arruda	Inactive	52.00	16.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Benjamim Luiz Valentini	Inactive	80.00	15.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Biopine Madeiras Ltda - ME	Inactive	160.00	25.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Blue Forest Comercial Importadora LTDA	Active	5.00	15.44	2,363.28	2,204.80	2,456.80	3,143.21	2,517.40	2,279.12	2,469.30	4,170.57	1,004.18	4,009.65	2,352.20	1,252.03	30,222.56	1,957.42	9,787.10

CDM-MR-FORM

Boa Esperança Matriz	Active	50.00	15.10	1,458.67	1,606.99	1,219.32	1,585.14	1,354.77	1,727.85	1,823.03	2,224.54	925.96	2,413.87	1,844.39	1,021.12	19,205.65	1,271.90	63,594.86
Boa Esperança Paiquerê	Inactive	146.00	14.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bonete Madeiras	Inactive	160.00	36.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Brazilian Pine	Inactive	2.00	12.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Brazimoveis	Inactive	160.00	13.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Caratúno Madeiras Ltda.	Inactive	420.00	16.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Celso Pedro Paese	Inactive	30.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Claudio Paes	Inactive	30.00	16.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Clesio Kauling	Inactive	70.00	15.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Clóvis Arruda Vieira	Inactive	50.00	16.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Coesa Agroflorestal	Inactive	68.00	13.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Comboni	Inactive	160.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Comércio de Madeira Beija Flor Ltda	Inactive	5.00	14.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cooperativa Agropecuária de Tubarão	Inactive	460.00	24.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Darley Pedro Martini	Inactive	80.00	14.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Delcize Maria Zanotto Della Giustina	Inactive	160.00	14.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Diogo Jaques Ventorini	Inactive	120.00	6.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dinda Ind. e Com. de Madeiras Ltda	Active	5.00	6.00	0.00	0.00	0.00	0.00	137.35	110.20	229.46	231.66	124.69	250.42	201.86	172.13	1,457.77	242.96	1,214.81
Dirlete Terezina Pereira	Inactive	52.00	16.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Domingos da Silva Martins	Inactive	30.00	20.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Edgar A P Magagnin	Active	402.00	19.00	0.00	0.00	0.00	0.00	75.86	84.42	0.00	0.00	0.00	316.95	374.93	290.02	1,142.17	60.11	24,166.00
Edemar Antonio Rosseto	Inactive	60.00	13.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Eder Roberto Monn	Inactive	70.00	16.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Edeschons	Inactive	5.00	4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Engenho Jaquirana	Active	400.00	23.53	0.00	0.00	0.00	0.00	0.00	104.40	0.00	0.00	0.00	0.00	0.00	273.86	378.26	16.08	6,430.31
Estevão Presotto	Active	78.00	16.70	0.00	0.00	0.00	0.00	149.54	87.80	0.00	0.00	0.00	54.65	132.53	20.69	445.22	26.66	2,079.47
Extrapac	Inactive	10.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F. Klann	Inactive	60.00	8.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Finance Comercial	Inactive	72.00	14.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Floko	Inactive	100.00	16.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Flora Pinus	Inactive	6.00	3.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Florestal Santa Luzia	Active	180.00	17.60	0.00	109.05	251.60	414.72	381.29	290.18	18.64	372.47	129.16	387.05	517.39	399.19	3,270.74	185.84	33,450.74
Genilda Correa	Inactive	90.00	10.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Germino Vargas	Inactive	10.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gerson Coimbra de Figueiredo Filho	Inactive	60.00	17.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Getulio Alves de Oliveira	Active	85.00	15.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	164.47	164.47	10.54	896.17
Gilberto Muniz Lima	Inactive	35.00	19.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CDM-MR-FORM

Gilmar Guanabara	Inactive	112.00	14.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gilmar Sasso Correia	Inactive	100.00	16.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GR Biomassa Ltda	Active	2.00	21.00	6,274.66	5,994.31	4,792.29	5,046.80	4,217.74	3,133.53	5,914.04	6,675.44	2,427.95	6,841.35	7,008.11	6,089.08	64,415.29	3,067.39	6,134.79
Grasieli de Fatima Garcia	Active	85.00	15.90	0.00	0.00	0.00	0.00	26.49	43.46	0.00	0.00	0.00	0.00	0.00	0.00	69.95	4.40	373.93
Henrique Turella e Cia LTDA ME	Active	400.00	17.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	102.99	217.74	143.38	464.11	26.98	10,793.27
Incohaut Madeiras Ltda	Inactive	240.00	23.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Indupinho	Inactive	100.00	16.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Indusflora	Inactive	30.00	17.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ismael Paulo Zanotto	Active	12.00	10.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46.57	125.24	171.81	16.84	202.13
Istelio José Souto-Maior Camargo	Inactive	8.00	14.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ivo Agostineto	Inactive	3.00	13.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
J.A. Maines	Inactive	170.00	16.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jacyr Jose tomazi	Active	140.00	18.10	1,143.63	669.33	893.37	715.80	768.57	340.04	19.57	0.00	0.00	0.00	0.00	142.92	4,693.24	259.30	36,301.30
Jair Philippi	Active	170.00	33.10	1,075.42	1,345.08	1,077.30	1,276.23	1,385.65	995.40	890.87	1,754.75	471.54	1,493.27	1,025.35	1,065.27	13,856.13	418.61	71,164.41
Jair Philippi Filho	Inactive	220.00	24.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Janderson	Inactive	16.00	12.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jaquirana	Inactive	220.00	16.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
JJ Thomazi	Active	25.00	18.70	468.63	1,323.68	160.99	710.84	423.84	205.68	78.44	499.26	0.00	1,113.16	1,188.40	1,025.00	7,197.93	384.92	9,622.90
João Lima de Andrade	Inactive	90.00	14.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
João Luis Ronsoni	Inactive	80.00	16.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
João Raimundo colombo	Inactive	10.00	11.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Joaquim da Silva Pacheco	Inactive	80.00	14.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jose Albanir Ferreira da Silva	Inactive	40.00	8.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
José Alexandre Coelho	Inactive	100.00	17.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jose Altenir	Inactive	30.00	17.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jose Canozio Alves Pereira	Active	150.00	15.40	0.00	0.00	124.29	281.18	48.30	39.21	0.00	0.00	0.00	56.31	223.48	134.12	906.89	58.89	8,833.38
José de Souza	Inactive	60.00	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
José Luiz Koeche	Active	75.00	16.20	0.00	0.00	0.00	0.00	0.00	112.14	0.00	0.00	0.00	0.00	0.00	22.99	135.13	8.34	625.59
José Mariano da Silva	Inactive	50.00	15.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Juliano Sérgio Lopes	Inactive	170.00	18.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klabin	Inactive	84.00	28.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Laminadora Catarinense	Inactive	4.00	11.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lavoro Agropecuaria	Active	35.00	20.30	0.00	0.00	0.00	0.00	0.00	32.52	0.00	0.00	0.00	16.30	490.01	315.64	854.47	42.09	1,473.23
Lopes	Inactive	100.00	14.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lucemar Schmitz	Inactive	80.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Luiz Antonio Sens	Active	60.00	19.40	0.00	0.00	0.00	192.27	244.98	210.60	0.00	0.00	0.00	0.00	0.00	0.00	647.85	33.39	2,003.66
Luiz Antonio Stimamiglio	Active	30.00	14.90	0.00	0.00	0.00	0.00	0.00	60.43	0.00	0.00	0.00	16.16	183.75	296.43	556.78	37.37	1,121.03

CDM-MR-FORM

Luiz Carlos P Magagnin	Active	408.00	18.50	0.00	0.00	0.00	0.00	0.00	113.27	0.00	0.00	0.00	171.58	233.07	263.71	781.63	42.25	17,238.21
Luiz Fernando Figueiredo	Inactive	3.00	13.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mad. Nossa Senhora de Lourdes Ltda	Inactive	300.00	16.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Madbras	Inactive	40.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Madebampi	Inactive	10.00	13.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Madebins	Inactive	220.00	20.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Madeiraira Boa Parada Ltda	Inactive	70.00	13.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Madeiraira JJT Ltda	Active	60.00	16.30	43.26	133.13	53.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	230.22	14.12	847.45
Madeiraira Lajes	Inactive	3.00	14.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Madeiraira Norte Ponteaense	Inactive	160.00	17.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Madeiraira Piratuba	Active	524.00	12.10	0.00	0.00	0.00	7.99	0.00	0.00	0.00	25.93	0.00	25.44	11.50	48.13	118.99	9.83	5,153.09
Madeiraira Santa Paulina	Inactive	14.00	11.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Madeiraira Santa Rita	Inactive	14.00	11.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Madeiraira Schimitt	Active	7.50	16.50	0.00	0.00	195.41	386.88	266.94	294.99	0.00	299.85	0.00	332.68	181.90	115.17	2,073.83	125.69	942.65
Madeiraira Trevo Ltda	Inactive	16.00	11.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Madepar	Active	4.00	16.30	1,871.08	2,484.92	2,140.01	2,685.23	2,526.70	1,140.92	583.76	704.20	104.12	1,365.50	1,556.45	735.97	17,898.85	1,098.09	4,392.35
Magdalena Presser Einsfeld	Inactive	60.00	17.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Malke	Inactive	10.00	10.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Marcos Narciso Agostini	Inactive	110.00	17.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Marcus Aristoteles Zilli	Inactive	170.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Marilia Mazzochi Sens	Active	60.00	12.70	0.00	0.00	0.00	0.00	145.40	156.63	0.00	8.73	0.00	43.62	294.43	558.70	1,207.52	95.08	5,704.80
Martins	Inactive	16.00	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mengatto	Inactive	5.00	15.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mercedes Webber dos Santos	Inactive	60.00	12.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MJ Madeiras	Inactive	5.00	11.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MS Madeiras Ltda	Active	160.00	26.40	721.08	784.08	821.40	948.12	872.47	716.92	1,004.74	1,092.53	516.45	1,209.46	993.11	712.34	10,392.72	393.66	62,986.21
Multiform	Inactive	2.00	18.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Muniz & Padilha	Inactive	5.00	13.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Nelson Moraes de Camargo	Inactive	30.00	9.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neri Antonio Chiodelli Junior	Inactive	160.00	12.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Nery Nunes de Carvalho	Inactive	100.00	13.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neuri A. Chiodelli	Inactive	160.00	16.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neuri Carlos Telles	Inactive	88.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neuza Bianchini Arruda	Inactive	90.00	14.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Nilton Sabatini	Inactive	20.00	8.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Nilvo Santo Crestani	Inactive	3.00	13.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NP Madeiras	Active	180.00	26.50	1,150.49	1,426.36	2,369.81	2,160.22	3,471.76	3,963.52	2,444.00	3,791.69	359.25	4,136.41	3,919.66	2,519.96	31,713.15	1,196.72	215,410.06

CDM-MR-FORM

Olimpio Antonio Candiago	Active	40.00	9.80	0.00	0.00	0.00	0.00	63.49	10.63	0.00	0.00	0.00	9.14	7.07	17.24	107.57	10.98	439.05
Olimpyo	Inactive	24.00	13.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oliver Comercio Atacadista de Madeiras Ltda	Active	14.00	13.10	341.55	212.01	357.64	364.52	305.81	197.40	293.98	292.74	145.13	418.74	385.68	368.13	3,683.34	281.17	3,936.39
Osni Coelho Atanasio	Active	68.00	12.60	0.00	0.00	0.00	0.00	0.00	54.45	0.00	0.00	0.00	0.00	0.00	0.00	54.45	4.32	293.85
Orestes Macedo da Luz	Inactive	55.00	12.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P & P Móveis de Confecções Ltda	Active	5.00	16.02	1,638.79	1,895.07	1,731.98	1,823.26	1,487.46	1,512.34	1,713.28	2,065.30	780.88	2,542.96	1,641.80	1,392.87	20,225.98	1,262.55	6,312.73
Pandolfo Madeiras Ltda	Active	3.00	12.20	839.03	1,334.49	1,137.69	2,127.78	964.76	830.53	363.66	483.99	126.99	925.48	1,501.15	1,097.98	11,733.52	961.76	2,885.29
Paulino Granzotto	Inactive	16.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paulo Afonso Leal Narciso	Inactive	80.00	17.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paulo Cesar da Costa	Inactive	40.00	15.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paulo Cesar Souza Rodrigues	Active	200.00	18.60	0.00	0.00	0.00	0.00	194.22	66.71	0.00	0.00	0.00	280.75	359.28	246.47	1,147.43	61.69	12,337.98
Pedro de Quadra da Cruz	Inactive	150.00	14.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pinus Bom Jesus	Active	360.00	31.30	0.00	148.30	528.98	752.48	866.15	277.71	88.04	401.45	0.00	721.70	589.43	395.86	4,770.10	152.40	54,863.80
Pinus Forte	Inactive	3.00	9.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pinusbras	Inactive	5.00	9.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pisani	Active	18.00	15.90	336.07	334.21	610.35	363.75	466.52	216.82	0.00	145.53	128.77	492.98	510.00	394.96	3,999.96	251.57	4,528.26
Planta Projetos e Administração	Active	156.00	17.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	114.36	126.04	240.40	13.74	2,143.01
Polese	Inactive	26.00	7.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prefeitura Municipal de Lages	Inactive	14.00	14.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prime Timber	Inactive	220.00	17.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Raul Antonio Favero	Active	150.00	14.70	355.64	157.46	0.00	0.00	35.42	60.34	0.00	17.41	0.00	0.00	12.47	35.18	673.92	45.85	6,876.76
Ravazin	Inactive	20.00	24.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Reflorestadores Unidos	Active	400.00	39.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	126.88	694.73	821.61	21.07	8,426.75
Residuos Bioenergia	Inactive	23.00	18.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ricardo Sabatine Rocha	Active	24.00	15.97	0.00	0.00	0.00	0.00	0.00	28.85	0.00	0.00	0.00	0.00	0.00	0.00	28.85	1.81	43.36
Righez	Inactive	50.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RF Serraria Ltda Epp	Active	4.00	13.70	645.84	659.38	597.42	846.61	553.75	439.49	73.80	623.00	112.68	529.18	391.25	308.29	5,780.71	421.95	1,687.80
Rilc Cavacos de Madeira Ltda	Active	110.00	16.40	1,009.85	2,084.54	2,823.92	4,078.35	5,018.54	3,698.72	1,981.59	3,234.59	88.08	1,703.02	4,403.48	4,297.69	34,422.37	2,098.93	230,881.75
RP Madeiras Ind. e Com. Ltda	Active	30.00	15.90	265.02	268.83	374.46	365.63	315.68	246.12	411.79	410.07	157.17	440.96	367.68	292.55	3,915.94	246.29	7,388.57
São Braz	Active	380.00	35.90	0.00	0.00	0.00	136.68	93.50	169.66	0.00	67.29	0.00	309.24	230.65	180.16	1,187.18	33.07	12,566.21
Sart	Inactive	78.00	10.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sérgio Bochart	Inactive	58.00	15.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sérgio Luiz Bogorni	Inactive	50.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Serraria Campos de Palmas S.A	Inactive	70.00	4.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Silvio Muinz Matos	Inactive	80.00	14.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tributto	Inactive	30.00	12.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Turbina	Inactive	130.00	16.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CDM-MR-FORM

União Fosforeira	Inactive	150.00	13.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Valdeci Nunes de Carvalho	Inactive	60.00	14.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Victorio Genuino Agostini	Inactive	30.00	14.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vilmar Laudelino Ferreira	Inactive	66.00	16.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vilso Isidoro	Inactive	40.00	15.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Wilson de souza Machado	Inactive	110.00	15.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Zilda Eliza Letti Pelizzaro	Inactive	120.00	14.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				22,002.00	25,176.00	24,897.00	30,815.00	29,419.00	24,067.00	20,402.00	29,593.00	7,603.00	32,731.00	33,638.00	27,885.00	308,228.00	17,018.17	959,839.32

Weighted average round trip distance to Lages Project

= **56.40** km

[AC=AZ/AY]

Weighted average truck capacity

= **18.11** tonnes

[AD=A/AY]

PURCHASED AMOUNTS IN 2013

Wood waste suppliers	Purchased wood waste amount (tonnes/month)																								Total purchased amount (tonnes/year)	
	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec			
Lages region																										
Battistella	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Sofia	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Adelia Tealdi	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Adelina Vieira dos Santos	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Adilson Tadeu Coelho	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Adriano Schweitzer da Silveira	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Agnaldo Bastos Rodrigues	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	123.13	0%	123.13	0%
Agro Comercial Zandonadi Ltda.	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Agro Florestal Paequerê	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Agroflorestal Serrana	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Agronegocios Mãe Rainha	0.00	0%	0.00	0%	176.15	1%	406.16	1%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	582.31	0%
Alceir de Jesus	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Alcides Inaldo Ramos Rosa	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Aldo Silveira flores	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Alexandre Coelho de Oliveira	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Altair Benício Luz	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Anderson Chaves Pucci	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Antonio Amarante	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Antonio Carlos de Liz Stefen	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Antonio Ermar Garcia e/ou Maria Ilza G. Garcia	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Apretec Madeiras	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Aparicio Araujo de Oliveira	0.00	0%	0.00	0%	0.00	0%	0.00	0%	46.29	0%	15.48	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	61.77	0%
Arapuel	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Aristides Araujo	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Arno Tillmann	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Arno Volni Arruda	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Benjamim Luiz Valentini	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Biopine Madeiras Ltda - ME	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Blue Forest Comercial Importadora LTDA	2,551.99	11%	2,139.88	9%	2,429.51	10%	3,181.33	10%	3,014.57	9%	2,524.09	9%	2,270.83	12%	3,697.13	14%	1,840.39	13%	3,433.39	12%	2,219.91	7%	1,192.63	4%	30,495.65	10%

CDM-MR-FORM

Boa Esperança Matriz	1,575.15	7%	1,559.67	6%	1,205.78	5%	1,604.36	5%	1,622.33	5%	1,913.56	7%	1,676.51	9%	1,972.01	8%	1,697.02	12%	2,066.95	7%	1,740.66	5%	972.67	4%	19,606.67	6%
Boa Esperança Paiquerê	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Bonete Madeiras	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Brazilian Pine	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Brazimoveis	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Caraúno Madeiras Ltda.	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Celso Pedro Paese	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Claudio Paes	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Clesio Kauling	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Clóvis Arruda Vieira	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Coesa Agroflorestal	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Comboni	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Comércio de Madeira Beija Flor Ltda	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Cooperativa Agropecuária de Tubarão	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Darley Pedro Martini	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Delcize Maria Zanotto Della Giustina	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Diogo Jaques Ventorini	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Dinda Ind. e Com. de Madeiras Ltda	0.00	0%	0.00	0%	0.00	0%	0.00	0%	164.47	0%	122.05	0%	211.02	1%	205.36	1%	228.52	2%	214.43	1%	190.51	1%	163.96	1%	1,500.32	0%
Dirlete Terezina Pereira	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Domingos da Silva Martins	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Edgar A P Magagnin	0.00	0%	0.00	0%	0.00	0%	0.00	0%	90.84	0%	93.49	0%	0.00	0%	0.00	0%	0.00	0%	271.40	1%	353.84	1%	276.26	1%	1,085.83	0%
Edemar Antonio Rosseto	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Eder Roberto Monn	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Edeschons	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Engenho Jaquirana	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	115.62	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	260.87	1%	376.49	0%
Estevão Presotto	0.00	0%	0.00	0%	0.00	0%	0.00	0%	179.07	1%	97.24	0%	0.00	0%	0.00	0%	0.00	0%	46.80	0%	125.08	0%	19.71	0%	467.90	0%
Extrapac	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
F. Klann	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Finance Comercial	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Floko	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Flora Pinus	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Florestal Santa Luzia	0.00	0%	105.84	0%	248.81	1%	419.75	1%	456.59	1%	321.37	1%	17.14	0%	330.19	1%	236.71	2%	331.42	1%	488.29	2%	380.25	1%	3,336.36	1%
Genilda Correa	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Germينو Vargas	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Gerson Coimbra de Figueiredo Filho	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Getulio Alves de Oliveira	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	156.67	1%	156.67	0%
Gilberto Muniz Lima	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%

CDM-MR-FORM

Gilmar Guanabara	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Gilmar Sasso Correia	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
GR Biomassa Ltda	6,775.69	29%	5,817.81	24%	4,739.06	19%	5,108.00	16%	5,050.71	14%	3,470.33	13%	5,438.71	29%	5,917.65	23%	4,449.76	32%	5,858.12	21%	6,613.96	21%	5,800.17	22%	65,039.97	21%
Grasieli de Fatima Garcia	0.00	0%	0.00	0%	0.00	0%	0.00	0%	31.72	0%	48.13	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	79.85	0%
Henrique Turella e Cia LTDA ME	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	88.19	0%	205.49	1%	136.58	1%	430.26	0%
Incohaut Madeiras Ltda	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Indupinho	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Indusflora	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Ismael Paulo Zanotto	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	43.95	0%	119.30	0%	163.25	0%
Istelio José Souto-Maior Camargo	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Ivo Agostineto	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
J.A. Maines	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Jacyr Jose tomazi	1,234.95	5%	649.62	3%	883.45	4%	724.48	2%	920.36	3%	376.59	1%	18.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	136.14	1%	4,943.59	2%
Jair Philippi	1,161.29	5%	1,305.48	5%	1,065.33	4%	1,291.71	4%	1,659.30	5%	1,102.39	4%	819.27	4%	1,555.55	6%	864.20	6%	1,278.66	5%	967.68	3%	1,014.73	4%	14,085.59	5%
Jair Philippi Filho	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Janderson	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Jaquirana	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
JJ Thomazi	506.05	2%	1,284.71	5%	159.20	1%	719.46	2%	507.55	1%	227.79	1%	72.14	0%	442.58	2%	0.00	0%	953.18	3%	1,121.56	4%	976.37	4%	6,970.59	2%
João Lima de Andrade	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
João Luis Ronsoni	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
João Raimundo colombo	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Joaquim da Silva Pacheco	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Jose Albanir Ferreira da Silva	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
José Alexandre Coelho	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Jose Altenir	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Jose Canozio Alves Pereira	0.00	0%	0.00	0%	122.91	0%	284.59	1%	57.84	0%	43.42	0%	0.00	0%	0.00	0%	0.00	0%	48.22	0%	210.91	1%	127.76	0%	895.65	0%
José de Souza	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
José Luiz Koeche	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	124.19	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	21.90	0%	146.09	0%
José Mariano da Silva	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Juliano Sérgio Lopes	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Klabin	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Laminadora Catarinense	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Lavoro Agropecuaria	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	36.02	0%	0.00	0%	0.00	0%	0.00	0%	13.96	0%	462.45	1%	300.66	1%	813.09	0%
Lopes	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Lucemar Schmitz	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Luiz Antonio Sens	0.00	0%	0.00	0%	0.00	0%	194.60	1%	293.36	1%	233.24	1%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	721.20	0%
Luiz Antonio Stimamiglio	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	66.92	0%	0.00	0%	0.00	0%	0.00	0%	13.84	0%	173.42	1%	282.37	1%	536.55	0%

CDM-MR-FORM

Luiz Carlos P Magagnin	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	125.45	0%	0.00	0%	0.00	0%	0.00	0%	146.92	1%	219.96	1%	251.20	1%	743.53	0%
Luiz Fernando Figueiredo	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Mad. Nossa Senhora de Lourdes Ltda	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Madbras	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Madebampi	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Madebins	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Madeira Boa Parada Ltda	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Madeira JTT Ltda	46.71	0%	129.21	1%	53.24	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	229.16	0%
Madeira Lajes	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Madeira Norte Pontaltense	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Madeira Piratuba	0.00	0%	0.00	0%	0.00	0%	8.09	0%	0.00	0%	0.00	0%	0.00	0%	22.99	0%	0.00	0%	21.78	0%	10.85	0%	45.85	0%	109.56	0%
Madeira Santa Paulina	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Madeira Santa Rita	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Madeira Schimitt	0.00	0%	0.00	0%	193.24	1%	391.57	1%	319.66	1%	326.70	1%	0.00	0%	265.81	1%	0.00	0%	284.87	1%	171.67	1%	109.71	0%	2,063.23	1%
Madeira Trevo Ltda	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Madepar	2,020.49	9%	2,411.75	10%	2,116.24	9%	2,717.79	9%	3,025.70	9%	1,263.55	5%	536.84	3%	624.26	2%	190.82	1%	1,169.25	4%	1,468.91	5%	701.05	3%	18,246.65	6%
Magdalena Einsfeld	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Malke	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Marcos Narciso Agostini	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Marcus Aristoteles Zilli	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Marilia Mazzochi Sens	0.00	0%	0.00	0%	0.00	0%	0.00	0%	174.12	0%	173.47	1%	0.00	0%	7.74	0%	0.00	0%	37.35	0%	277.87	1%	532.19	2%	1,202.74	0%
Martins	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Mengatto	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Mercedes Webber dos Santos	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
MJ Madeiras	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
MS Madeiras Ltda	778.66	3%	760.99	3%	812.28	3%	959.62	3%	1,044.78	3%	793.98	3%	923.99	5%	968.51	4%	946.51	7%	1,035.64	4%	937.26	3%	678.54	3%	10,640.76	3%
Multiform	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Muniz & Padilha	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Nelson Moraes de Camargo	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Neri Antonio Chiodelli Junior	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Nery Nunes de Carvalho	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Neuri A. Chiodelli	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Neuri Carlos Telles	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Neuza Bianchini Arruda	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Nilton Sabatini	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Nilvo Santo Crestani	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
NP Madeiras	1,242.36	5%	1,384.36	6%	2,343.49	10%	2,186.42	7%	4,157.41	12%	4,389.53	16%	2,247.57	12%	3,361.26	13%	658.41	5%	3,541.93	13%	3,699.21	12%	2,400.40	9%	31,612.35	10%

CDM-MR-FORM

Olimpio Candiago	Antonio	0.00	0%	0.00	0%	0.00	0%	0.00	0%	76.03	0%	11.77	0%	0.00	0%	0.00	0%	0.00	0%	7.83	0%	6.67	0%	16.42	0%	118.72	0%
Olimpyo		0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Oliver Atacadista de Madeiras Ltda	Comercio	368.82	2%	205.77	1%	353.67	1%	368.94	1%	366.21	1%	218.62	1%	270.35	1%	259.51	1%	265.99	2%	358.56	1%	363.99	1%	350.66	1%	3,751.09	1%
Osni Coelho Atanasio		0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	60.30	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	60.30	0%
Orestes Macedo da Luz		0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
P & P Móveis de Confecções Ltda		1,769.65	7%	1,839.27	8%	1,712.74	7%	1,845.37	6%	1,781.22	5%	1,674.89	6%	1,575.58	8%	1,830.85	7%	1,431.13	10%	2,177.49	8%	1,549.46	5%	1,326.78	5%	20,514.43	7%
Pandolfo Madeiras Ltda		906.03	4%	1,295.20	5%	1,125.05	5%	2,153.58	7%	1,155.29	3%	919.80	3%	334.43	2%	429.05	2%	232.74	2%	792.47	3%	1,416.72	4%	1,045.88	4%	11,806.24	4%
Paulino Granzotto		0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Paulo Afonso Leal Narciso		0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Paulo Cesar da Costa		0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Paulo Cesar Souza Rodrigues		0.00	0%	0.00	0%	0.00	0%	0.00	0%	232.58	1%	73.88	0%	0.00	0%	0.00	0%	0.00	0%	240.40	1%	339.07	1%	234.78	1%	1,120.71	0%
Pedro de Quadra da Cruz		0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Pinus Bom Jesus		0.00	0%	143.93	1%	523.10	2%	761.61	2%	1,037.21	3%	307.56	1%	80.96	0%	355.88	1%	0.00	0%	617.98	2%	556.28	2%	377.08	1%	4,761.59	2%
Pinus Forte		0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Pinusbras		0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Pisani		362.91	2%	324.37	1%	603.57	2%	368.16	1%	558.65	2%	240.12	1%	0.00	0%	129.01	0%	236.00	2%	422.13	2%	481.32	2%	376.22	1%	4,102.46	1%
Planta Projetos e Administração		0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	107.93	0%	120.06	0%	227.99	0%
Polese		0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Prefeitura Municipal de Lages		0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Prime Timber		0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Raul Antonio Favero		384.04	2%	152.82	1%	0.00	0%	0.00	0%	42.42	0%	66.83	0%	0.00	0%	15.43	0%	0.00	0%	0.00	0%	11.77	0%	33.51	0%	706.82	0%
Ravazin		0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Reflorestadores Unidos		0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	119.74	0%	661.77	2%	781.51	0%
Residuos Bioenergia		0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Ricardo Sabatine Rocha		0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	31.95	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	31.95	0%
Righez		0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
RF Serraria Ltda Epp		697.41	3%	639.97	3%	590.78	2%	856.88	3%	663.11	2%	486.73	2%	67.87	0%	552.28	2%	206.52	1%	453.13	2%	369.25	1%	293.66	1%	5,877.59	2%
Rilc Cavacos de Madeira Ltda		1,090.49	5%	2,023.16	8%	2,792.55	11%	4,127.81	13%	6,009.67	17%	4,096.27	15%	1,822.32	10%	2,867.40	11%	161.43	1%	1,458.26	5%	4,155.82	13%	4,093.78	15%	34,698.96	11%
RP Madeiras Ind. e Com. Ltda		286.18	1%	260.91	1%	370.30	2%	370.06	1%	378.02	1%	272.57	1%	378.69	2%	363.52	1%	288.05	2%	377.59	1%	347.00	1%	278.67	1%	3,971.56	1%
São Braz		0.00	0%	0.00	0%	0.00	0%	138.34	0%	111.96	0%	187.89	1%	0.00	0%	59.65	0%	0.00	0%	264.80	1%	217.68	1%	171.61	1%	1,151.93	0%
Sart		0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Sérgio Bochart		0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Sérgio Luiz Bogorni		0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Serraria Campos de Palmas S.A		0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Silvio Muinz Matos		0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Tributto		0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%

CDM-MR-FORM

Turbina	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
União Fosforeira	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Valdeci Nunes de Carvalho	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Victorio Genuino Agostini	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Vilmar Laudelino Ferreira	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Vilso Isidoro	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Wilson de souza Machado	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Zilda Eliza Letti Pelizzaro	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Total	23,758.87	100%	24,434.72	100%	24,620.45	100%	31,188.68	100%	35,229.04	100%	26,653.78	100%	18,762.22	100%	26,233.62	100%	13,934.20	100%	28,026.94	100%	31,746.14	100%	26,561.95	100%	311,150.61	100%

"Torete" amount purchased from Battistella	=	0.00	tonnes/year	Percentage of "Torete" in the wood waste purchased from Battistella	=	0.00
"Torete" amount purchased from Sofia	=	0.00	tonnes/year	Percentage of "Torete" in the wood waste purchased from Sofia	=	0.00
"Torete" amount purchased from Spot Market	=	61,480.99	tonnes/year	Percentage of "Torete" in the wood waste purchased from Spot Market	=	19.76%

CONSUMED AMOUNTS IN 2014

Wood waste suppliers	Status (Active/Non-active)	Round trip distance to Lages Project (km) [AW]	Truck Capacity (tonnes) [AX]	Consumed wood waste amount (tonnes/month)												Total consumed amount (tonnes/year) [A]	Travels (un./year) [AY=A/ AX]	Total travelled distance (km/year) [AZ=AW*AY]
				Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
Lages region																		
Battistella	Inactive	2.00	14.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sofia	Inactive	4.00	4.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Adelia Tealdi	Inactive	90.00	13.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Adelina Vieira dos Santos	Inactive	12.00	11.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Adilson Tadeu Coelho	Inactive	60.00	6.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Adriano Schweitzer da Silveira	Inactive	24.00	18.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Agnaldo Bastos Rodrigues	Inactive	150.00	20.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Agro Comercial Zandonadi Ltda.	Inactive	200.00	16.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Agro Florestal Paequerê	Inactive	80.00	16.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Agroflorestal Serrana	Inactive	146.00	18.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Agronegocios Mãe Rainha	Inactive	8.00	17.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Airton Zadorosny de Camargo	Active	24.00	7.62	0.00	0.00	0.00	7.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.51	0.99	23.66
Alceir de Jesus	Active	27.00	28.89	0.00	0.00	0.00	0.00	0.00	0.00	32.16	0.00	94.09	0.00	0.00	0.00	126.26	4.37	118.00
Alcides Inaldo Ramos Rosa	Inactive	27.00	9.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aldo Silveira flores	Inactive	22.00	16.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alexandre Coelho de Oliveira	Inactive	14.00	9.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alexandre Gustavo Vieira Silva	Active	44.00	15.28	0.00	0.00	49.49	75.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	124.63	8.16	358.89
Altair Benício Luz	Inactive	120.00	10.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anderson Chaves Pucci	Inactive	38.00	10.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Andre Tealdi Meurer	Active	80.00	18.60	0.00	35.37	124.26	77.25	0.00	0.00	50.84	32.06	0.00	0.00	0.00	0.00	319.78	17.19	1,375.40
Antonio Amarante	Inactive	70.00	17.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Antonio Carlos de Liz Stefen	Inactive	30.00	14.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Antonio Ermar Garcia e/ou Maria Ilza G. Garcia	Inactive	80.00	14.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Apretec Madeiras	Inactive	4.00	7.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aparicio Araujo de Oliveira	Active	20.00	14.98	0.00	0.00	299.93	148.77	163.68	25.64	30.44	73.13	116.28	106.23	0.00	0.00	964.10	64.36	1,287.19
Araupel	Inactive	160.00	30.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aristides Araujo	Inactive	10.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ariana Padilha Felisbino Souza	Active	70.00	18.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Arno Manfroi	Active	110.00	16.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.32	0.00	0.00	0.00	0.00	30.32	1.86	204.65

CDM-MR-FORM

Arno Tillmann	Inactive	52.00	16.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Arno Volni Arruda	Inactive	52.00	16.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Benjamim Luiz Valentini	Inactive	80.00	15.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Biopine Madeiras Ltda - ME	Inactive	160.00	25.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Blue Forest Comercial Importadora LTDA	Active	5.00	16.11	1,598.06	2,141.49	2,314.55	2,238.03	2,335.48	1,495.60	1,963.20	1,565.29	2,300.16	1,954.93	0.00	0.00	19,906.79	1,235.68	6,178.39
Boa Esperança Matriz	Active	50.00	15.79	1,349.08	1,656.50	1,812.06	1,586.94	1,769.60	1,754.97	2,273.95	1,629.70	2,143.65	2,508.44	0.00	0.00	18,484.89	1,170.67	58,533.54
Boa Esperança Paiquerê	Inactive	146.00	14.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bonete Madeiras	Inactive	160.00	36.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Brazilian Pine	Inactive	2.00	12.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Brazimoveis	Active	160.00	19.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	179.30	84.33	20.02	0.00	0.00	283.64	14.81	2,369.84
Caraúno Madeiras Ltda.	Inactive	420.00	16.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Celso Pedro Paese	Inactive	30.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Claudio Paes	Inactive	30.00	16.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Clesio Kauling	Inactive	70.00	15.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Clóvis Arruda Vieira	Active	50.00	16.77	0.00	0.00	53.01	0.00	61.79	15.56	70.21	112.48	77.33	0.00	0.00	0.00	390.39	23.28	1,163.94
CHS Madeiras Ltda	Active	230.00	20.97	0.00	215.57	487.96	301.42	329.43	337.12	248.79	238.71	94.35	229.37	0.00	0.00	2,482.71	118.39	27,230.49
Coesa Agroflorestal	Inactive	68.00	13.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Comboni	Inactive	160.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Comércio de Madeira Beija Flor Ltda	Inactive	5.00	14.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cooperativa Agropecuária de Tubarão	Inactive	460.00	24.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daniel Albino Pereira	Active	98.00	17.28	0.00	62.26	0.00	104.94	16.59	18.41	0.00	0.00	37.60	0.00	0.00	0.00	239.80	13.88	1,359.99
Darley Pedro Martini	Inactive	80.00	14.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Delcize Maria Zanotto Della Giustina	Active	160.00	15.67	0.00	157.33	111.68	15.10	46.24	0.00	31.54	72.15	191.16	0.00	0.00	0.00	625.19	39.90	6,383.54
Diogo Jaques Ventorini	Inactive	120.00	6.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dinda Ind. e Com. de Madeiras Ltda	Active	5.00	6.04	125.86	170.78	162.12	168.18	169.86	131.71	198.42	201.02	342.46	273.04	0.00	0.00	1,943.45	321.76	1,608.81
Dirlete Terezina Pereira	Inactive	52.00	16.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Domingos da Silva Martins	Inactive	30.00	20.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dorival Madruga	Active	30.00	15.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ecopinus Industrial de Madeiras Ltda Epp	Active	400.00	17.06	121.90	204.28	393.11	524.83	292.80	140.40	75.31	0.00	0.00	0.00	0.00	0.00	1,752.63	102.73	41,093.24
Eda Borges Ribeiro	Active	10.00	9.93	0.00	0.00	10.73	0.00	11.48	0.00	8.61	0.00	0.00	0.00	0.00	0.00	30.83	3.10	31.05
Edgar A P Magagnin	Active	402.00	18.64	239.03	345.24	391.33	384.71	358.00	233.05	266.87	243.65	106.48	38.01	0.00	0.00	2,606.37	139.83	56,210.39
Edemar Antonio Rosseto	Inactive	60.00	13.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Eder Roberto Monn	Inactive	70.00	16.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Edeschons	Inactive	5.00	4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Engenho Jaquirana	Active	400.00	18.50	620.75	452.53	383.77	308.88	310.44	220.82	220.99	272.28	120.40	127.12	0.00	0.00	3,037.98	164.22	65,686.10
Ernani Jose de Castro Gamborgi	Active	36.00	17.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	96.58	21.66	0.00	0.00	0.00	118.24	6.72	241.99

CDM-MR-FORM

Estevão Presotto	Active	78.00	20.00	26.92	18.68	66.98	68.25	86.41	81.25	62.33	84.19	55.42	0.00	0.00	0.00	550.45	27.52	2,146.75
Extrapac	Inactive	10.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F. Klann	Inactive	60.00	8.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Finance Comercial	Inactive	72.00	14.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Floko	Inactive	100.00	16.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Flora Pinus	Inactive	6.00	3.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Florestal Santa Luzia	Active	180.00	18.21	279.61	352.52	382.27	412.86	458.92	446.97	475.13	421.99	612.96	524.56	0.00	0.00	4,367.77	239.86	43,174.00
Genilda Correa	Inactive	90.00	10.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Germino Vargas	Inactive	10.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gerson Coimbra de Figueiredo Filho	Inactive	60.00	17.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Getulio Alves de Oliveira	Active	85.00	16.23	41.73	43.40	0.00	67.06	0.00	0.00	55.76	138.68	38.04	0.00	0.00	0.00	384.67	23.70	2,014.58
Gilberto Muniz Lima	Inactive	35.00	19.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gilmar Guanabara	Inactive	112.00	14.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gilmar Sasso Correia	Active	100.00	16.54	0.00	31.28	0.00	146.76	33.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	211.44	12.78	1,278.34
GR Biomassa Ltda	Active	2.00	21.12	3,848.62	4,856.37	5,008.62	4,100.60	4,937.48	4,109.89	4,789.59	4,588.36	4,956.74	4,518.91	0.00	0.00	45,715.17	2,164.54	4,329.09
Grasieli de Fatima Garcia	Inactive	85.00	15.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Henrique Turella e Cia LTDA ME	Active	400.00	16.93	123.12	173.67	161.49	166.19	138.92	132.98	138.86	142.14	76.20	35.19	0.00	0.00	1,288.76	76.12	30,449.04
Incohaut Madeiras Ltda	Inactive	240.00	23.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Indupinho	Inactive	100.00	16.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Indusflora	Inactive	30.00	17.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Industrial Madeireira Lageana	Active	110.00	14.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	149.02	130.65	0.00	0.00	0.00	279.67	19.21	2,112.88
Irmãos Rauber LTDA EPP	Active	400.00	17.97	0.00	0.00	0.00	0.00	0.00	0.00	147.03	184.46	100.87	70.93	0.00	0.00	503.29	28.01	11,202.90
Ismael Paulo Zanotto	Active	12.00	18.15	242.12	565.06	407.56	172.30	130.18	0.00	263.60	413.36	184.53	0.00	0.00	0.00	2,378.70	131.06	1,572.70
Istelio José Souto-Maior Camargo	Inactive	8.00	14.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ivo Agostineto	Inactive	3.00	13.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
J.A. Maines	Inactive	170.00	16.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jacyr Jose tomazi	Active	140.00	13.96	193.41	147.64	28.85	0.00	0.00	0.00	0.00	14.00	0.00	0.00	0.00	0.00	383.90	27.50	3,849.99
Jaime Machado Junior	Active	60.00	21.39	0.00	0.00	67.13	96.39	139.65	63.53	101.77	156.57	225.39	0.00	0.00	0.00	850.45	39.76	2,385.54
Jair Philippi	Active	170.00	32.39	821.89	651.53	2,081.19	1,857.74	1,665.78	908.23	1,796.54	1,237.70	1,677.14	1,548.10	0.00	0.00	14,245.84	439.82	74,769.78
Jair Philippi Filho	Inactive	220.00	24.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jairo Alves de Oliveira	Active	180.00	21.92	0.00	0.00	52.21	38.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	90.50	4.13	743.19
Janderson	Inactive	16.00	12.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jaquirana	Inactive	220.00	16.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
JJ Thomazi	Active	25.00	22.31	516.97	499.90	513.59	473.28	1,194.03	715.04	1,178.24	956.54	1,439.35	1,317.93	0.00	0.00	8,804.87	394.66	9,866.51
João Lima de Andrade	Inactive	90.00	14.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
João Luis Ronsoni	Inactive	80.00	16.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
João Pedro Freitas	Active	150.00	17.60	61.87	20.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	82.37	4.68	702.02

CDM-MR-FORM

João Raimundo colombo	Inactive	10.00	11.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Joaquim da Silva Pacheco	Inactive	80.00	14.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jose Albanir Ferreira da Silva	Inactive	40.00	8.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
José Alexandre Coelho	Inactive	100.00	17.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jose Altenir	Inactive	30.00	17.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jose Canozio Alves Pereira	Active	150.00	15.85	39.72	0.00	15.93	0.00	13.23	70.72	99.90	18.42	130.19	0.00	0.00	0.00	388.11	24.49	3,672.94
José de Souza	Inactive	60.00	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
José Ernani Werner	Active	40.00	14.17	0.00	0.00	0.00	0.00	57.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.59	4.06	162.57
José Luiz Koeche	Active	75.00	24.67	72.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	72.57	2.94	220.61
José Mariano da Silva	Inactive	50.00	15.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jovani Muniz de Souza	Active	38.00	6.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.88	36.59	0.00	0.00	0.00	53.47	8.43	320.49
Juliano Sérgio Lopes	Inactive	170.00	18.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Klabin	Inactive	84.00	28.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Laminadora Catarinense	Inactive	4.00	11.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
laminados Amauri	Active	160.00	17.23	0.00	0.00	0.00	52.04	0.00	0.00	0.00	0.00	0.00	34.56	0.00	0.00	86.61	5.03	804.23
Lavoro Agropecuaria	Active	35.00	18.98	162.50	121.58	39.66	20.09	0.00	0.00	54.72	88.49	206.22	0.00	0.00	0.00	693.25	36.53	1,278.38
Lopes	Inactive	100.00	14.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lucemar Schmitz	Inactive	80.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Luiz Antonio Sens	Active	60.00	16.91	38.85	168.83	272.79	223.73	117.21	80.47	34.82	0.00	0.00	0.00	0.00	0.00	936.70	55.39	3,323.58
Luiz Antonio Stimamiglio	Active	30.00	14.76	155.49	219.41	127.09	0.00	224.79	48.70	200.89	159.02	0.00	0.00	0.00	0.00	1,135.40	76.92	2,307.72
Luiz Carlos P Magagnin	Active	408.00	18.83	259.89	468.92	464.91	650.56	660.04	376.23	255.13	354.25	0.00	323.10	0.00	0.00	3,813.03	202.50	82,619.03
Luiz Fernando Figueiredo	Inactive	3.00	13.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M Fabricio de Oliveira & Cia Epp	Active	130.00	16.53	0.00	0.00	91.54	316.46	321.72	350.36	385.80	308.12	185.66	380.70	0.00	0.00	2,340.37	141.58	18,405.83
Mad. Nossa Senhora de Lourdes Ltda	Inactive	300.00	16.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Madbras	Inactive	40.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Madebampi	Inactive	10.00	13.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Madebins	Inactive	220.00	20.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Madeiraira Boa Parada Ltda	Active	70.00	12.68	0.00	0.00	47.01	37.88	65.16	37.46	53.13	72.74	86.00	77.44	0.00	0.00	476.82	37.60	2,632.28
Madeiraira Hemkmaier Ltda Me	Active	200.00	16.96	0.00	155.79	125.54	206.33	103.15	64.54	192.28	154.15	96.09	87.76	0.00	0.00	1,185.62	69.91	13,981.36
Madeiraira Irmãos Assini	Active	250.00	37.55	0.00	37.19	709.09	830.95	588.29	398.70	571.15	777.62	267.52	511.09	0.00	0.00	4,691.57	124.94	31,235.50
Madeiraira JJT Ltda	Inactive	60.00	16.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Madeiraira Lajes	Inactive	3.00	14.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Madeiraira Marisol LTDA	Active	170.00	16.95	0.00	0.00	84.87	755.36	331.17	100.45	85.18	152.99	0.00	0.00	0.00	0.00	1,510.02	89.09	15,144.72
Madeiraira Norte Pontaltense	Inactive	160.00	17.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Madeiraira Pahl	Active	260.00	16.00	0.00	0.00	0.00	66.78	110.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	176.79	11.05	2,872.83
Madeiraira Piratuba	Active	524.00	16.75	27.37	32.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.96	0.00	0.00	72.24	4.31	2,259.96
Madeiraira Santa Paulina	Inactive	14.00	11.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CDM-MR-FORM

Madeira Santa Rita	Inactive	14.00	11.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Madeira Schmitt	Active	7.50	15.14	68.26	572.49	674.02	664.54	742.29	423.49	724.86	624.13	774.47	826.86	0.00	0.00	6,095.39	402.60	3,019.51
Madeira Trevo Ltda	Inactive	16.00	11.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mademaq Industrial LTDA	Active	178.00	26.25	0.00	0.00	0.00	0.00	79.40	106.15	283.45	370.08	147.99	121.47	0.00	0.00	1,108.54	42.23	7,516.99
Madepar	Active	4.00	13.75	886.13	984.52	737.93	594.41	1,037.09	822.70	1,465.42	1,054.86	1,177.90	924.10	0.00	0.00	9,685.07	704.37	2,817.48
Magdalena Presser Einsfeld	Inactive	60.00	17.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Malke	Inactive	10.00	10.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Marcos Martello	Active	46.00	18.98	0.00	0.00	55.97	143.50	161.51	16.66	70.57	28.47	0.00	0.00	0.00	0.00	476.68	25.11	1,155.27
Marcos Narciso Agostini	Inactive	110.00	17.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Marcos Roni de Oliveira	Active	8.00	10.16	0.00	0.00	0.00	0.00	8.62	20.88	0.00	0.00	0.00	0.00	0.00	0.00	29.50	2.90	23.23
Marcus Aristoteles Zilli	Inactive	170.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maria Aparecida Arruda Schroeder	Active	6.00	17.43	0.00	33.66	18.91	83.88	336.90	316.48	533.12	148.80	69.23	0.00	0.00	0.00	1,540.97	88.41	530.46
Marilia Mazzochi Sens	Active	60.00	13.43	367.50	357.61	431.07	167.56	153.20	39.96	7.40	0.00	0.00	0.00	0.00	0.00	1,524.30	113.50	6,809.99
Martins	Inactive	16.00	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mengatto	Inactive	5.00	15.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mercedes Webber dos Santos	Inactive	60.00	12.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MJ Madeiras	Inactive	5.00	11.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MS Madeiras Ltda	Active	160.00	27.09	471.29	801.86	838.84	829.89	901.36	687.01	722.10	654.07	1,106.29	909.52	0.00	0.00	7,922.23	292.44	46,790.60
Multiform	Inactive	2.00	18.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Muniz & Padilha	Inactive	5.00	13.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Nelson Moraes de Camargo	Inactive	30.00	9.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neri Antonio Chiodelli Junior	Inactive	160.00	12.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Nery Nunes de Carvalho	Inactive	100.00	13.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neuri A. Chiodelli	Inactive	160.00	16.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neuri Carlos Telles	Inactive	88.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neuza Bianchini Arruda	Inactive	90.00	14.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neuza Pissaia	Active	210.00	28.32	0.00	0.00	0.00	922.71	376.50	165.35	588.82	760.84	290.60	658.94	0.00	0.00	3,763.77	132.90	27,909.32
Nilton Sabatini	Inactive	20.00	8.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Nilvo Santo Crestani	Inactive	3.00	13.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NP Madeiras	Active	180.00	23.42	1,172.44	3,189.73	4,069.67	2,888.11	1,696.30	961.04	1,880.97	1,544.31	1,331.27	3,361.01	0.00	0.00	22,094.86	943.42	169,815.33
Olimpio Antonio Candiago	Active	40.00	6.41	9.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.42	1.47	58.79
Olimpyo	Inactive	24.00	13.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oliver Comercio Atacadista de Madeiras Ltda	Active	14.00	12.50	257.57	303.31	311.76	303.04	313.97	188.44	169.13	139.66	326.20	351.58	0.00	0.00	2,664.66	213.17	2,984.42
Osni Coelho Atanasio	Inactive	68.00	12.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orestes Macedo da Luz	Active	55.00	15.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	80.04	124.73	0.00	0.00	0.00	204.77	13.51	742.89
P & P Móveis de Confeções Ltda	Active	5.00	16.05	1,135.24	1,725.78	1,979.25	1,798.57	1,822.26	1,675.47	2,334.94	1,925.53	2,367.21	2,541.41	0.00	0.00	19,305.68	1,202.85	6,014.23
Pablo Eryk Bocker Alves	Active	180.00	24.50	0.00	0.00	26.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.38	1.08	193.80

CDM-MR-FORM

Pamela Branco Schweitcer	Active	120.00	15.58	0.00	0.00	0.00	58.26	71.53	0.00	45.64	281.62	131.00	0.00	0.00	0.00	588.05	37.74	4,529.28
Pandolfo Madeiras Ltda	Active	3.00	10.82	646.17	796.44	751.67	767.19	663.95	429.80	926.52	864.87	982.83	598.53	0.00	0.00	7,427.96	686.50	2,059.51
Paulino Granzotto	Inactive	16.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paulo Afonso Leal Narciso	Inactive	80.00	17.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paulo Cesar da Costa	Inactive	40.00	15.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paulo Cesar Souza Rodrigues	Active	400.00	18.36	194.04	353.77	396.31	335.27	216.82	204.94	243.89	190.43	84.40	148.01	0.00	0.00	2,367.89	128.97	51,587.94
Pedro de Quadra da Cruz	Inactive	150.00	14.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pinus Bom Jesus	Active	360.00	32.99	548.52	653.69	1,066.65	1,467.36	986.95	534.17	524.74	217.07	147.56	101.19	0.00	0.00	6,247.89	189.39	68,179.48
Pinus Forte	Inactive	3.00	9.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pinusbras	Inactive	5.00	9.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pisani	Active	18.00	15.10	358.62	387.63	379.40	283.73	76.38	36.20	134.35	137.94	185.10	64.84	0.00	0.00	2,044.18	135.38	2,436.77
Planta Projetos e Administração	Active	156.00	18.26	134.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	134.28	7.35	1,147.16
Polese	Inactive	26.00	7.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prefeitura Municipal de Lages	Inactive	14.00	14.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Prime Timber	Inactive	220.00	17.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Raul Antonio Favero	Active	150.00	13.49	19.36	0.00	0.00	0.00	10.75	26.04	19.17	21.17	20.06	57.60	0.00	0.00	174.16	12.91	1,936.55
Ravazin	Inactive	20.00	24.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Reflorestadores Unidos	Active	400.00	35.91	650.51	113.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	764.22	21.28	8,512.59
Resíduos Bioenergia	Inactive	23.00	18.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ricardo Sabatine Rocha	Inactive	24.00	15.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Righez	Active	50.00	16.16	0.00	0.00	0.00	0.00	83.95	35.02	118.13	105.35	111.17	101.76	0.00	0.00	555.36	34.37	1,718.32
RF Serraria Ltda Epp	Active	4.00	13.61	401.01	618.42	717.79	632.72	726.30	716.63	713.58	558.67	771.91	607.61	0.00	0.00	6,464.63	474.99	1,899.97
Rilc Cavacos de Madeira Ltda	Active	110.00	17.19	2,222.83	4,228.19	4,434.71	5,220.21	3,842.94	1,812.43	2,903.25	4,167.30	2,258.05	3,059.25	0.00	0.00	34,149.16	1,986.57	218,522.84
Roberto Antonio de Almeida EPP	Active	350.00	19.62	0.00	148.82	229.27	195.33	117.02	227.63	119.02	126.45	88.61	80.84	0.00	0.00	1,332.99	67.94	23,779.10
RP Madeiras Ind. e Com. Ltda	Active	30.00	15.51	237.07	325.17	412.80	377.60	399.97	438.47	590.41	393.12	463.26	451.09	0.00	0.00	4,088.96	263.63	7,909.02
Rudimar Cesar Tavares	Active	120.00	30.31	0.00	114.93	317.82	137.22	144.02	68.49	170.79	0.00	0.00	0.00	0.00	0.00	953.28	31.45	3,774.11
São Braz	Active	380.00	36.89	132.39	68.02	0.00	0.00	0.00	0.00	38.08	175.11	84.47	0.00	0.00	0.00	498.07	13.50	5,130.56
Sart	Inactive	78.00	10.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sérgio Bochart	Active	58.00	14.59	0.00	0.00	45.55	48.08	13.78	12.78	15.16	25.68	32.45	0.00	0.00	0.00	193.47	13.26	769.11
Sergio Dal Bosco Eireli	Active	110.00	18.44	0.00	0.00	0.00	36.21	93.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	130.04	7.05	775.71
Sérgio Luiz Bogorni	Inactive	50.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Serraria Campos de Palmas S.A	Inactive	70.00	4.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Silmara de Fatima da Silva Sdadeslotto	Active	32.00	15.73	0.00	0.00	68.67	16.50	30.36	0.00	15.54	0.00	0.00	0.00	0.00	0.00	131.07	8.33	266.64
Silvio da Luz Cordova	Active	110.00	17.19	0.00	0.00	35.49	34.77	17.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	88.22	5.13	564.52
Silvio Muinz Matos	Inactive	80.00	14.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tributto	Inactive	30.00	12.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Turbina	Inactive	130.00	16.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CDM-MR-FORM

Ulisses Rogerio Arruda de Andrade	Active	64.00	32.09	0.00	0.00	0.00	0.00	0.00	0.00	118.76	0.00	148.62	0.00	0.00	0.00	267.39	8.33	533.27
União Fosforeira	Inactive	150.00	13.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Valcir Tortelli	Active	30.00	18.62	0.00	77.72	253.74	110.74	110.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	552.78	29.69	890.62
Valdeci Nunes de Carvalho	Inactive	60.00	14.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Victorio Genuino Agostini	Inactive	30.00	14.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vilmar Laudelino Ferreira	Inactive	66.00	16.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vilso Isidoro	Inactive	40.00	15.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vitor Hugo Dall Asta	Active	136.00	14.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.14	0.00	0.00	0.00	16.14	1.12	152.69
Wilson de souza Machado	Inactive	110.00	15.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Zenaide Terezinha Pereira	Active	44.00	9.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.08	0.00	0.00	0.00	0.00	9.08	0.94	41.18
Zilda Eliza Letti Pelizzaro	Inactive	120.00	14.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				20,880.00	29,862.00	35,596.00	34,819.00	32,479.00	22,325.00	31,891.00	29,941.00	29,477.00	29,665.00	0.00	0.00	296,935.00	16,325.83	1,326,797.69

Weighted average round trip distance to Lages Project

[AC=AZ/AY] = **81.27** km

Weighted average truck capacity

[AD=A/AY] = **18.19** tonnes

PURCHASED AMOUNTS IN 2014

Wood waste suppliers	Purchased wood waste amount (tonnes/month)																								Total purchased amount (tonnes/year)	
	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec			
Lages region																										
Battistella	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Sofia	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Adelia Tealdi	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Adelina Vieira dos Santos	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Adilson Tadeu Coelho	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Adriano Schweitzer da Silveira	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Agnaldo Bastos Rodrigues	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Agro Comercial Zandonadi Ltda.	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Agro Florestal Paequerê	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Agroflorestal Serrana	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Agronegocios Mãe Rainha	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Airton Zadorosny de Camargo	0.00	0%	0.00	0%	0.00	0%	7.62	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	7.62	0%
Alceir de Jesus	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	31.74	0%	0.00	0%	83.81	0%	0.00	0%	0.00	0%	0.00	0%	115.55	0%
Alcides Inaldo Ramos Rosa	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Aldo Silveira flores	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Alexandre Coelho de Oliveira	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Alexandre Gustavo Vieira Silva	0.00	0%	0.00	0%	46.06	0%	76.21	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	122.27	0%
Altair Benício Luz	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Anderson Chaves Pucci	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Andre Tealdi Meurer	0.00	0%	37.62	0%	115.65	0%	78.35	0%	0.00	0%	0.00	0%	50.17	0%	34.46	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	316.25	0%
Antonio Amarante	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Antonio Carlos de Liz Stefen	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Antonio Ermar Garcia e/ou Maria Ilza G. Garcia	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Apretec Madeiras	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Aparício Araujo de Oliveira	0.00	0%	0.00	0%	279.15	1%	150.88	0%	161.10	1%	27.02	0%	30.04	0%	78.62	0%	103.57	0%	102.59	0%	0.00	0%	0.00	0%	932.97	0%

CDM-MR-FORM

Araupel	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%		
Aristides Araujo	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%		
Ariana Padilha Felisbino Souza	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%		
Arno Manfroi	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	32.60	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%		
Arno Tillmann	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%		
Arno Volni Arruda	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%		
Benjamim Luiz Valentini	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%		
Biopine Madeiras Ltda - ME	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%		
Blue Forest Comercial	2,172.93	8%	2,277.61	7%	2,154.17	7%	2,269.77	6%	2,298.61	7%	1,576.34	7%	1,937.35	6%	1,682.72	5%	2,048.78	8%	1,887.97	7%	0.00	0%	0.00	0%	20,306.25	7%
Importadora LTDA Boa Esperança Matriz	1,834.38	6%	1,761.79	6%	1,686.50	5%	1,609.45	5%	1,741.66	5%	1,849.72	8%	2,244.01	7%	1,751.96	5%	1,909.38	7%	2,422.52	8%	0.00	0%	0.00	0%	18,811.37	6%
Boa Esperança Paiquerê	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%		
Bonete Madeiras	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%		
Brazilian Pine	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%		
Brazimoveis	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	192.75	1%	75.11	0%	19.33	0%	0.00	0%	0.00	0%	287.19	0%
Caraúno Madeiras Ltda.	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%		
Celso Pedro Paese	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%		
Claudio Paes	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%		
Clesio Kauling	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%		
Clóvis Arruda Vieira	0.00	0%	0.00	0%	49.34	0%	0.00	0%	60.81	0%	16.40	0%	69.29	0%	120.92	0%	68.88	0%	0.00	0%	0.00	0%	0.00	0%	385.64	0%
CHS Madeiras Ltda	0.00	0%	229.27	1%	454.15	1%	305.69	1%	324.23	1%	355.32	2%	245.51	1%	256.62	1%	84.04	0%	221.51	1%	0.00	0%	0.00	0%	2,476.34	1%
Coesa Agroflorestal	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%		
Comboni	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%		
Comércio de Madeira Beija Flor Ltda	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%		
Cooperativa Agropecuária de Tubarão	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%		
Daniel Albino Pereira	0.00	0%	66.22	0%	0.00	0%	106.43	0%	16.33	0%	19.40	0%	0.00	0%	0.00	0%	33.49	0%	0.00	0%	0.00	0%	0.00	0%	241.87	0%
Darley Pedro Martini	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%		
Delcize Maria Zanotto Della	0.00	0%	167.33	1%	103.94	0%	15.31	0%	45.51	0%	0.00	0%	31.12	0%	77.56	0%	170.27	1%	0.00	0%	0.00	0%	0.00	0%	611.04	0%
Giustina Jaques Ventorini	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%		
Dinda Ind. e Com. de Madeiras Ltda	171.14	1%	181.63	1%	150.89	0%	170.56	0%	167.18	1%	138.82	1%	195.81	1%	216.10	1%	305.03	1%	263.69	1%	0.00	0%	0.00	0%	1,960.85	1%
Dirlete Terezina Pereira	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%		
Domingos da Silva	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%		

CDM-MR-FORM

Martins																									
Dorival Madruga	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	
Ecopinus Industrial de Madeiras Ltda Epp	165.75	1%	217.26	1%	365.87	1%	532.27	2%	288.18	1%	147.98	1%	74.32	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	1,791.63	1%	
Eda Borges Ribeiro	0.00	0%	0.00	0%	9.99	0%	0.00	0%	11.30	0%	0.00	0%	8.50	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	29.79	0%	
Edgar A P Magagnin	325.02	1%	367.18	1%	364.21	1%	390.17	1%	352.35	1%	245.63	1%	263.36	1%	261.93	1%	94.84	0%	36.71	0%	0.00	0%	2,701.40	1%	
Edemar Antonio Rosseto	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	
Eder Roberto Monn	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	
Edeschons	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	
Engenho Jaquirana	844.05	3%	481.29	2%	357.18	1%	313.26	1%	305.54	1%	232.74	1%	218.08	1%	292.71	1%	107.24	0%	122.77	0%	0.00	0%	3,274.86	1%	
Ernani Jose de Castro Gamborgi	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	103.83	0%	19.29	0%	0.00	0%	0.00	0%	123.12	0%	
Estevão Presotto	36.61	0%	19.87	0%	62.34	0%	69.22	0%	85.05	0%	85.64	0%	61.51	0%	90.51	0%	49.36	0%	0.00	0%	0.00	0%	560.11	0%	
Extrapac	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	
F. Klann	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	
Finance Comercial	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	
Floko	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	
Flora Pinus	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	
Florestal Santa Luzia	380.19	1%	374.93	1%	355.78	1%	418.71	1%	451.67	1%	471.10	2%	468.87	1%	453.65	1%	545.97	2%	506.59	2%	0.00	0%	4,427.46	1%	
Genilda Correa	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	
Germينو Vargas	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	
Gerson Coimbra de Figueiredo Filho	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	
Getulio Alves de Oliveira	56.74	0%	46.16	0%	0.00	0%	68.01	0%	0.00	0%	0.00	0%	55.03	0%	149.08	0%	33.88	0%	0.00	0%	0.00	0%	408.90	0%	
Gilberto Muniz Lima	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	
Gilmar Guanabara	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	
Gilmar Sasso Correia	0.00	0%	33.27	0%	0.00	0%	148.84	0%	32.87	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	214.98	0%	
GR Biomassa Ltda	5,233.07	18%	5,165.05	16%	4,661.55	14%	4,158.75	12%	4,859.53	15%	4,331.78	18%	4,726.53	15%	4,932.59	15%	4,415.04	17%	4,364.13	15%	0.00	0%	46,848.02	15%	
Grasieli de Fatima Garcia	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	
Henrique Turella e Cia LTDA ME	167.41	1%	184.71	1%	150.30	0%	168.55	0%	136.73	0%	140.16	1%	137.03	0%	152.80	0%	67.87	0%	33.98	0%	0.00	0%	1,339.54	0%	
Incohaut Madeiras Ltda	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	
Indupinho	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	
Indusflora	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	
Industrial Madeireira Lageana	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	160.20	0%	116.37	0%	0.00	0%	0.00	0%	276.57	0%	
Irmãos Rauber LTDA EPP	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	145.09	0%	198.30	1%	89.85	0%	68.50	0%	0.00	0%	501.74	0%	
Ismael Paulo Zanotto	329.22	1%	600.98	2%	379.32	1%	174.74	0%	128.12	0%	0.00	0%	260.13	1%	444.37	1%	164.36	1%	0.00	0%	0.00	0%	2,481.24	1%	

CDM-MR-FORM

Istelio José Souto-Maior Camargo	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Ivo Agostineto	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
J.A. Maines	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Jacyr Jose tomazi	262.99	1%	157.02	0%	26.85	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	15.05	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Jaime Machado Junior	0.00	0%	0.00	0%	62.48	0%	97.76	0%	137.45	0%	66.96	0%	100.43	0%	168.32	1%	200.76	1%	0.00	0%	0.00	0%	0.00	0%
Jair Philippi	1,117.55	4%	692.94	2%	1,936.98	6%	1,884.09	5%	1,639.48	5%	957.26	4%	1,772.89	6%	1,330.56	4%	1,493.85	6%	1,495.07	5%	0.00	0%	0.00	0%
Jair Philippi Filho	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Jairo Alves de Oliveira	0.00	0%	0.00	0%	48.59	0%	38.84	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	87.43	0%
Janderson	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Jaquirana	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
JJ Thomazi	702.94	2%	531.68	2%	478.00	1%	479.99	1%	1,175.18	4%	753.64	3%	1,162.73	4%	1,028.30	3%	1,282.05	5%	1,272.79	4%	0.00	0%	0.00	0%
João Lima de Andrade	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
João Luis Ronsoni	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
João Pedro Freitas	84.13	0%	21.80	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	105.93	0%
João Raimundo colombo	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Joaquim da Silva Pacheco	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Jose Albanir Ferreira da Silva	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
José Alexandre Coelho	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Jose Altenir	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Jose Canozio Alves Pereira	54.01	0%	0.00	0%	14.83	0%	0.00	0%	13.02	0%	74.54	0%	98.58	0%	19.80	0%	115.96	0%	0.00	0%	0.00	0%	390.74	0%
José de Souza	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
José Ernani Werner	0.00	0%	0.00	0%	0.00	0%	0.00	0%	56.68	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	56.68	0%
José Luiz Koeche	98.67	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	98.67	0%
José Mariano da Silva	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Jovani Muniz de Souza	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	18.15	0%	32.59	0%	0.00	0%	0.00	0%	50.74	0%
Juliano Sérgio Lopes	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Klabin	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Laminadora Catarinense	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
laminados Amauri	0.00	0%	0.00	0%	0.00	0%	52.78	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	33.38	0%	0.00	0%	0.00	0%	86.16	0%
Lavoro Agropecuaria	220.95	1%	129.31	0%	36.91	0%	20.37	0%	0.00	0%	0.00	0%	54.00	0%	95.13	0%	183.68	1%	0.00	0%	0.00	0%	740.35	0%
Lopes	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Lucemar Schmitz	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Luiz Antonio Sens	52.83	0%	179.56	1%	253.89	1%	226.90	1%	115.36	0%	84.81	0%	34.36	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	947.71	0%
Luiz Antonio Stimamiglio	211.43	1%	233.36	1%	118.28	0%	0.00	0%	221.24	1%	51.33	0%	198.25	1%	170.95	1%	0.00	0%	0.00	0%	0.00	0%	1,204.84	0%

CDM-MR-FORM

Luiz Carlos P	353.38	1%	498.73	2%	432.69	1%	659.79	2%	649.62	2%	396.54	2%	251.77	1%	380.83	1%	0.00	0%	312.03	1%	0.00	0%	0.00	0%	3,935.38	1%
Magagnin																										
Luiz Fernando	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Figueiredo																									0%	
M Fabricio de	0.00	0%	0.00	0%	85.20	0%	320.95	1%	316.64	1%	369.28	2%	380.72	1%	331.24	1%	165.37	1%	367.66	1%	0.00	0%	0.00	0%	2,337.06	1%
Oliveira & Cia Epp																										
Mad. Nossa																										
Senhora de Lourdes	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Ltda																									0%	
Madbras	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Madebampi	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Madebins	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Madeira Boa	0.00	0%	0.00	0%	43.75	0%	38.42	0%	64.13	0%	39.48	0%	52.43	0%	78.20	0%	76.60	0%	74.79	0%	0.00	0%	0.00	0%	467.80	0%
Parada Ltda																										
Madeira																										
Hemkmaier Ltda	0.00	0%	165.69	1%	116.84	0%	209.26	1%	101.52	0%	68.02	0%	189.75	1%	165.71	1%	85.59	0%	84.75	0%	0.00	0%	0.00	0%	1,187.13	0%
Me																									0%	
Madeira Irmãos	0.00	0%	39.55	0%	659.95	2%	842.73	2%	579.00	2%	420.22	2%	563.63	2%	835.96	3%	238.28	1%	493.58	2%	0.00	0%	0.00	0%	4,672.90	2%
Assini																									2%	
Madeira JJT Ltda	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Madeira Lajes	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Madeira Marisol	0.00	0%	0.00	0%	78.99	0%	766.07	2%	325.94	1%	105.87	0%	84.06	0%	164.47	1%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	1,525.40	1%
LTDA																										
Madeira Norte	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Pontealtense																										
Madeira Pahl	0.00	0%	0.00	0%		0%	67.73	0%	108.27	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	176.00	0%
Madeira Piratuba	37.22	0%	35.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	11.55	0%	0.00	0%	0.00	0%	83.77	0%
Madeira Santa	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Paulina																										
Madeira Santa	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Rita																									0%	
Madeira Schmitt	92.81	0%	608.88	2%	627.31	2%	673.96	2%	730.57	2%	446.35	2%	715.32	2%	670.95	2%	689.83	3%	798.54	3%	0.00	0%	0.00	0%	6,054.52	2%
Madeira Trevo	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Ltda																									0%	
Mademaq Industrial	0.00	0%	0.00	0%	0.00	0%	0.00	0%	78.15	0%	111.88	0%	279.72	1%	397.84	1%	131.82	1%	117.31	0%	0.00	0%	0.00	0%	1,116.72	0%
LTDA																										
Madepar	1,204.89	4%	1,047.10	3%	686.80	2%	602.84	2%	1,020.72	3%	867.12	4%	1,446.13	5%	1,134.00	4%	1,049.17	4%	892.45	3%	0.00	0%	0.00	0%	9,951.22	3%
Magdalena Presser	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Einsfeld																										
Malke	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Marcos Martello	0.00	0%	0.00	0%	52.09	0%	145.53	0%	158.96	0%	17.56	0%	69.64	0%	30.61	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	474.39	0%
Marcos Narciso	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Agostini																										
Marcos Roni de	0.00	0%	0.00	0%	0.00	0%	0.00	0%	8.48	0%	22.01	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	30.49	0%
Oliveira																										
Marcus Aristoteles	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Zilli																										
Maria Aparecida	0.00	0%	35.80	0%	17.60	0%	85.07	0%	331.58	1%	333.57	1%	526.10	2%	159.96	0%	61.66	0%	0.00	0%	0.00	0%	0.00	0%	1,551.34	1%
Arruda Schroeder																										
Marilia Mazzochi	499.70	2%	380.34	1%	401.20	1%	169.94	0%	150.78	0%	42.12	0%	7.30	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	1,651.38	1%
Sens																										
Martins	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%

CDM-MR-FORM

Mengatto	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%		
Mercedes Webber dos Santos	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%		
MJ Madeiras	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%		
MS Madeiras Ltda	640.83	2%	852.83	3%	780.71	2%	841.66	2%	887.13	3%	724.10	3%	712.59	2%	703.14	2%	985.39	4%	878.37	3%	0.00	0%	0.00	0%	8,006.75	3%
Multiform	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%		
Muniz & Padilha	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%		
Nelson Moraes de Camargo	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%		
Neri Antonio Chiodelli Junior	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%		
Nery Nunes de Carvalho	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%		
Neuri A. Chiodelli	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%		
Neuri Carlos Telles	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%		
Neuza Bianchini Arruda	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%		
Neuza Pissaia	0.00	0%	0.00	0%	0.00	0%	935.80	3%	370.56	1%	174.28	1%	581.07	2%	817.92	3%	258.84	1%	636.37	2%	0.00	0%	0.00	0%	3,774.84	1%
Nilton Sabatini	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%		
Nilvo Santo Crestani	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%		
NP Madeiras	1,594.20	6%	3,392.48	11%	3,787.67	11%	2,929.07	8%	1,669.52	5%	1,012.92	4%	1,856.21	6%	1,660.17	5%	1,185.78	5%	3,245.89	11%	0.00	0%	0.00	0%	22,333.91	7%
Olimpio Antonio Candiago	12.81	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	12.81	0%
Olimpyo	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Oliver Comercio Atacadista de Madeiras Ltda	350.22	1%	322.59	1%	290.16	1%	307.34	1%	309.01	1%	198.61	1%	166.90	1%	150.14	0%	290.55	1%	339.54	1%	0.00	0%	0.00	0%	2,725.06	1%
Osni Coelho Atanasio	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Orestes Macedo da Luz	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	86.04	0%	111.10	0%	0.00	0%	0.00	0%	0.00	0%	197.14	0%
P & P Móveis de Confeccões Ltda	1,543.62	5%	1,835.48	6%	1,842.10	6%	1,824.08	5%	1,793.49	6%	1,765.93	8%	2,304.20	7%	2,069.99	6%	2,108.51	8%	2,454.36	9%	0.00	0%	0.00	0%	19,541.76	6%
Pablo Eryk Bocker Alves	0.00	0%	0.00	0%	24.55	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	24.55	0%
Pamela Branco Schweitcer	0.00	0%	0.00	0%	0.00	0%	59.09	0%	70.40	0%	0.00	0%	45.04	0%	302.75	1%	116.68	0%	0.00	0%	0.00	0%	0.00	0%	593.96	0%
Pandolfo Madeiras Ltda	878.62	3%	847.06	3%	699.58	2%	778.07	2%	653.47	2%	453.00	2%	914.32	3%	929.75	3%	875.42	3%	578.03	2%	0.00	0%	0.00	0%	7,607.32	3%
Paulino Granzotto	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Paulo Afonso Leal Narciso	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Paulo Cesar da Costa	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Paulo Cesar Souza Rodrigues	263.84	1%	376.26	1%	368.85	1%	340.02	1%	213.40	1%	216.00	1%	240.68	1%	204.72	1%	75.18	0%	142.94	0%	0.00	0%	0.00	0%	2,441.89	1%
Pedro de Quadra da Cruz	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Pinus Bom Jesus	745.84	3%	695.24	2%	992.74	3%	1,488.17	4%	971.37	3%	563.01	2%	517.83	2%	233.35	1%	131.43	1%	97.72	0%	0.00	0%	0.00	0%	6,436.70	2%
Pinus Forte	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%

CDM-MR-FORM

Pinusbras	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%		
Pisani	487.63	2%	412.27	1%	353.11	1%	287.75	1%	75.17	0%	38.15	0%	132.58	0%	148.29	0%	164.87	1%	62.62	0%	0.00	0%	0.00	0%	2,162.44	1%
Planta Projetos e Administração	182.58	1%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	182.58	0%
Polese	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Prefeitura Municipal de Lages	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Prime Timber	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Raul Antonio Favero	26.32	0%	0.00	0%	0.00	0%	0.00	0%	10.58	0%	27.45	0%	18.92	0%	22.76	0%	17.87	0%	55.63	0%	0.00	0%	0.00	0%	179.53	0%
Ravazin	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Reflorestadores Unidos	884.51	3%	120.94	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	1,005.45	0%
Resíduos Bioenergia	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Ricardo Sabatine Rocha	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Righez	0.00	0%	0.00	0%	0.00	0%	0.00	0%	82.62	0%	36.91	0%	116.57	0%	113.25	0%	99.02	0%	98.27	0%	0.00	0%	0.00	0%	546.64	0%
RF Serraria Ltda Epp	545.26	2%	657.73	2%	668.05	2%	641.69	2%	714.83	2%	755.32	3%	704.19	2%	600.58	2%	687.55	3%	586.80	2%	0.00	0%	0.00	0%	6,562.00	2%
Rile Cavacos de Madeira Ltda	3,022.44	11%	4,496.95	14%	4,127.41	12%	5,294.24	15%	3,782.27	12%	1,910.28	8%	2,865.03	9%	4,479.94	14%	2,011.28	8%	2,954.46	10%	0.00	0%	0.00	0%	34,944.30	12%
Roberto Antonio de Almeida EPP	0.00	0%	158.28	0%	213.38	1%	198.10	1%	115.17	0%	239.92	1%	117.45	0%	135.94	0%	78.93	0%	78.07	0%	0.00	0%	0.00	0%	1,335.24	0%
RP Madeiras Ind. e Com. Ltda	322.35	1%	345.84	1%	384.20	1%	382.95	1%	393.66	1%	462.14	2%	582.64	2%	422.61	1%	412.63	2%	435.64	2%	0.00	0%	0.00	0%	4,144.66	1%
Rudimar Cesar Tavares	0.00	0%	122.23	0%	295.80	1%	139.17	0%	141.75	0%	72.19	0%	168.54	1%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	939.68	0%
São Braz	180.01	1%	72.34	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	37.58	0%	188.25	1%	75.24	0%	0.00	0%	0.00	0%	0.00	0%	553.42	0%
Sart	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Sérgio Bochart	0.00	0%	0.00	0%	42.39	0%	48.76	0%	13.56	0%	13.47	0%	14.96	0%	27.61	0%	28.90	0%	0.00	0%	0.00	0%	0.00	0%	189.65	0%
Sergio Dal Bosco Eireli	0.00	0%	0.00	0%	0.00	0%	36.72	0%	92.35	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	129.07	0%
Sérgio Luiz Bogorni	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Serraria Campos de Palmas S.A	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Silmara de Fatima da Silva	0.00	0%	0.00	0%	63.91	0%	16.73	0%	29.88	0%	0.00	0%	15.34	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	125.86	0%
Sbadeslotto																										
Silvio da Luz Cordova	0.00	0%	0.00	0%	33.03	0%	35.26	0%	17.68	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	85.97	0%
Silvio Muinz Matos	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Tributto	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Turbina	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Ulisses Rogerio Arruda de Andrade	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	117.20	0%	0.00	0%	132.38	1%	0.00	0%	0.00	0%	0.00	0%	249.58	0%
União Fosforeira	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Valcir Tortelli	0.00	0%	82.66	0%	236.16	1%	112.31	0%	108.83	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	539.96	0%
Valdeci Nunes de Carvalho	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%

CDM-MR-FORM

Victorio Genuino Agostini	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Vilmar Laudelino Ferreira	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Vilso Isidoro	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Vitor Hugo Dall Asta	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	14.38	0%	0.00	0%	0.00	0%	0.00	0%	14.38	0%
Wilson de souza Machado	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Zenaide Terezinha Pereira	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	9.76	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	9.76	0%
Zilda Eliza Letti Pelizzaro	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
Total	28,391.09	100%	31,760.11	100%	33,129.42	100%	35,312.79	100%	31,966.24	100%	23,530.29	100%	31,471.14	100%	32,187.27	100%	26,255.57	100%	28,648.90	100%	0.00	0%	0.00	0%	302,652.82	100%

"Torete" amount purchased from Battistella	=	0.00 tonnes/year	Percentage of "Torete" in the wood waste purchased from Battistella	=	0.00
"Torete" amount purchased from Sofia	=	0.00 tonnes/year	Percentage of "Torete" in the wood waste purchased from Sofia	=	0.00
"Torete" amount purchased from Spot Market	=	32,477.93 tonnes/year	Percentage of "Torete" in the wood waste purchased from Spot Market	=	10.73%

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Document information

<i>Version</i>	<i>Date</i>	<i>Description</i>
05.1	4 May 2015	Editorial revision to correct version numbering.
05.0	1 April 2015	Revisions to: <ul style="list-style-type: none"> • Include provisions related to delayed submission of a monitoring plan; • Provisions related to the Host Party; • Remove reference to programme of activities; • Overall editorial improvement.
04.0	25 June 2014	Revisions to: <ul style="list-style-type: none"> • Include the Attachment: Instructions for filling out the monitoring report form (these instructions supersede the "Guideline: Completing the monitoring report form" (Version 04.0)); • Include provisions related to standardized baselines; • Add contact information on a responsible person(s)/ entity(ies) for completing the CDM-MR-FORM in A.6 and Appendix 1; • Change the reference number from <i>F-CDM-MR</i> to <i>CDM-MR-FORM</i>; • Editorial improvement.
03.2	5 November 2013	Editorial revision to correct table in page 1.
03.1	2 January 2013	Editorial revision to correct table in section E.5.
03.0	3 December 2012	Revision required to introduce a provision on reporting actual emission reductions or net GHG removals by sinks for the period up to 31 December 2012 and the period from 1 January 2013 onwards (EB70, Annex 11).
02.0	13 March 2012	Revision required to ensure consistency with the "Guidelines for completing the monitoring report form" (EB 66, Annex 20).
01	28 May 2010	EB 54, Annex 34. Initial adoption.

<i>Version</i>	<i>Date</i>	<i>Description</i>
Decision Class: Regulatory Document Type: Form Business Function: Issuance Keywords: monitoring report		