

Producing Juice Sustainably.



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Louis Dreyfus Company is a leading merchant and processor of agricultural goods, leveraging its global reach and extensive asset network to deliver for our customers around the world – safely, responsibly and reliably.

The Group's Juice Platform combines best agricultural practice at our farms with state-of-the-art industrial performance at our processing plants. Our proven expertise is then engaged in transporting and shipping the resultant products efficiently to a variety of destinations while preserving the quality and safety of our juice.

More specifically, through our juice production operations in Brazil, we focus on employee welfare and safety, designing work programmes to eliminate accidents and optimize productivity. We are also very aware that investment in sound environmental stewardship at our farms and industrial locations today supports our position as a producer and supplier of juice for the future.

In line with our commitment to be transparent and open with our stakeholders, we are pleased to present the third edition of our Juice Sustainability report, featuring the progress we have made during the course of last year. As in previous reports, we highlight the advances made within the framework of our four sustainability pillars – People, Environment, Community and Partners.

With this report, we would like to demonstrate continued progress in maintaining a sustainable approach at the heart of all operations, and invite all of our stakeholders to provide feedback on our performance.

Highlights



More than doubled our Rainforest Alliance – certified farms

Significant achievements in our safety indexes, and new protective equipment developed for our pickers

Start of the construction of a dry-peel processing plant in Bebedouro

Introduction of new Code of Conduct toll free line

Over 20% of volumes purchased from third party producers that were trained according to our best practice

LDC achieved Gold Grade in SAI Platform's self-audit

Implementation of technology to optimize the harvest and make it safer

Expansion of activities related to LDC's Quality Policy

Expanding range of community programs

LDC's juice operations in Brazil include both orange and lemon processing, making us one of the largest juice producers in the world. As Brazil continues to be one of the largest citrus exporters, the Platform's presence in the country is essential.

LDC Juice Platform in Brazil.



Farms spread across the Citrus Belt

39

These include owned land and partnerships (see map).



Processing plants in Brazil

4

The assets are strategically located near the main productive citrus areas in Brazil.



Logistics terminals

2

Include one in Santos (Brazil) and one in Ghent (Belgium).



Vessels

3

For orange juice bulk transportation.



Range of products

30+

Orange juices (FCOJ: Frozen Concentrate Orange Juice, NFC: Not from Concentrate), allied products such as essential oils, dry peel, lime and lemon juices.

Our Value Chain

1



Farming

Close to 30 000 planted hectares with orange and lemon (including owned land and partnerships)

2



Origination

Cutting-edge research, where LDC maps all citrus groves and makes crop estimates

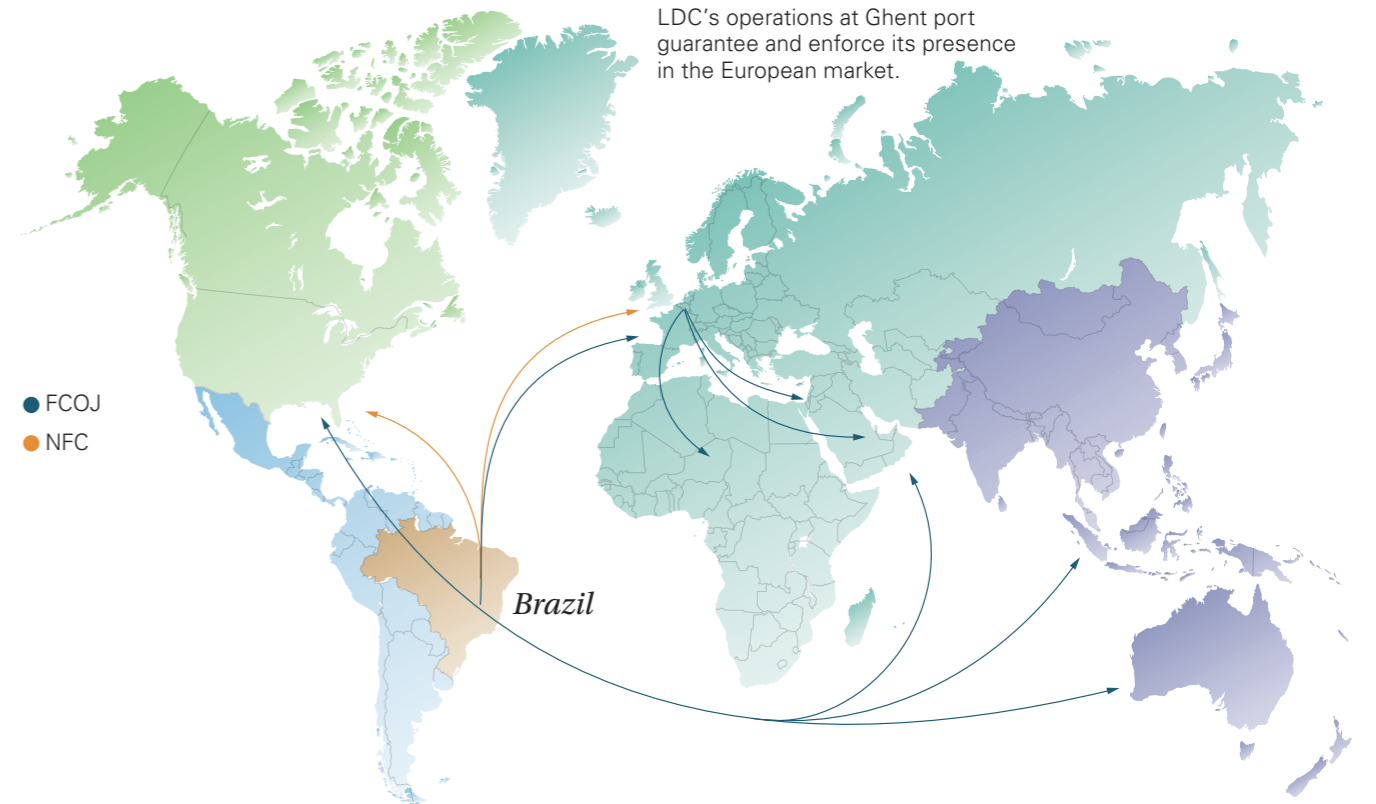
3



Processing

Four processing plants in São Paulo and Paraná states

Geographical Presence



Europe & Black Sea

LDC's operations at Ghent port guarantee and enforce its presence in the European market.

Brazilian Juice Operations

- Port Terminal
- Industrial Unit
- LDC managed farms



4



Logistics

Around 150 tank trucks and 3 vessels for juice transportation

- Santos terminal uses the most advanced technology
- Storage capacity suitable to production

5



Merchandizing

Distribution of a wide range of products to more than 80 countries (vs. 70 in 2015)

- LDC's commercial coverage is truly global

Our People.



We believe that our people are our most valuable asset. The responsibility for the well-being of our entire workforce, which numbers 10,000 people in the Juice Platform at peak season, is something we take very seriously. All of our employees, regardless of their contract type, are on our pay-roll and we do not outsource any component of labor related to farming, picking or industrial processing.

How we Look After Our Workforce.

All employees are trained as soon as they join the company to ensure that they have a comprehensive understanding of the business. This includes training on relevant corporate policies including the group's Code of Conduct, and the Safety, Health and Environment principles and policy. All new starters also receive a detailed explanation about the benefits to which they are entitled.

We adhere strictly to national labor regulations and strive to go beyond these in our benefits and corporate safety policies. In addition, we are signatories of the United Nations Global Compact which aligns companies to universal principles on human rights, labor, environment and anti-corruption.

Each section below outlines the methods used to ensure the safety and well-being of our employees.

In 2016, our Juice Platform held its Operational meeting involving more than 130 leaders from our farming, industrial and origination functions. Held every year, this edition was focused on sharing and discussing LDC's broader customer centricity strategy, and also specific Juice Platform plans, demonstrating the importance of everyone's involvement and commitment to the business.

Code of Conduct

The LDC Code of Conduct formalizes the business principles and ethical values of the company. LDC makes sure that all employees read, understand and accept its terms and also provides periodic training sessions (including e-learning) to assure they are updated. In addition, if any employee or third parties has any questions or concerns regarding situations that are against our policies they can, completely confidentially, contact our Compliance team directly via helpline (Linha Ética) or send a confidential message to a dedicated email address (conduta@ldc.com).

In 2016 LDC put in place a toll-free number that allows anyone to confidentially report Code of Conduct or other LDC policy breaches. In order to ensure that all LDC employees and third parties that have access to our facilities, plants and farms were properly informed of this change, a full communication campaign was launched to highlight the importance and easy access of the new service.

We recognize we have a strong duty towards all our people

ÉTICA
Esta é a nossa conduta.

A Linha Ética mudou de número e está ainda mais acessível

0800 384 2227

Qualquer pessoa (colaborador, fornecedor ou parceiro) pode entrar em contato, caso queira reportar situações contrárias ao nosso Código de Conduta. E agora ficou mais fácil para lembrar o número, basta discar 0800 ÉTICA BR.

Além da ligação ser gratuita, ela também é confidencial e anônima, ou seja, você não precisa se identificar. Se preferir, você também pode entrar em contato pelo e-mail conduta@ldc.com.



Banner on display in assets and farms

Translation for Ética poster above:

ETHICS
This is our conduct.
Linha Ética helpline has changed its number and it is even more accessible.
0800 384 2227
Any person (employee, contractor or partner) can get in touch in case they want to report situations that go against our Code of Conduct.
And now it is even easier to remember the number – just dial 0800 ÉTICA BR.
In addition to being free, the call is also confidential and anonymous, which means you don't need to identify yourself.
If you prefer, you can also get in touch through the email conduta@ldc.com.

Benefits Provided

The Juice Platform strives to provide very attractive fringe benefits, above and beyond national law.

Benefits	Urban		Rural		Observations
	Permanent	Croppers	Permanent	Pickers	
Life Insurance	●	●	●	●	Offered to all employees
Healthcare	●	●	●		For all urban permanent and urban seasonal workers and for some rural permanent administrative functions (co-participation plan), including dependents (spouse and children until 21 years old, or 24 if at college)
Dental Assistance Plan	●	●	●		For all urban permanent and seasonal workers and for some rural permanent administrative functions, including families
Meal Ticket	●	●			Only for Santos Terminal employees, when requested in exchange for food stamps
Food Stamps	●	●	●		Provided to all urban employees and to permanent rural employees
Restaurant	●	●			Restaurants in factories and port terminal open to employees with contribution to costs from LDC
Transport	●	●	●	●	Charter bus at industrial plants of Bebedouro, Engenheiro Coelho, Matão and all farms
Transportation Voucher	●	●			Provided at Paranavaí plant and Santos Terminal (no charter transport)
Drugstore assistance plan	●	●			Agreement with drugstores to facilitate the purchase of medication
Private Pension Plan	●		●		Optional to all permanent employees

Occupational Health and Safety

We go to great lengths to ensure that the working environment, including labour terms and conditions, demonstrates best practice.

- In line with global policy, all employees, including seasonal pickers, have mandatory training to ensure they adopt safe, healthy working practices.
- All seasonal workers are trained as comprehensively as any permanent employee.
- Personal safety equipment is issued to each employee on our farms and we ensure they use it at all times. This includes certain new items of personal protective equipment introduced in 2016.
- Personal protective equipment is also provided for employees at our industrial sites.
- Transportation, water, shade, sanitary and eating area facilities are set up at every work site.
- All transportation vehicles have fully qualified drivers, with authorization granted by the local transit authority, and are equipped with proper seating and seatbelts.
- Pay is set at a rate above the Brazilian legal minimum wage, with an added variable premium linked to performance and safety targets.

We introduced new personal protective equipment for harvest employees in 2016 to ensure they are equipped with the best materials available, in line with our commitment to zero accidents:

- New Safety Hat

In partnership with a specialized supplier company, we developed a new model adapted to our specific needs, to ensure our employees are protected from accidents involving bees, branches and thorns. The new cap does not require the use of protective glasses, and also shields the pickers' whole face as well as protecting them from the sun.



- New Safety Boots and Orange-Picking Gloves

Proved to be even safer during tests undertaken last year.



- New Specific Uniforms and Gloves for Lemon Picking

The lemon trees have longer thorns which are more dangerous than those on orange trees. LDC has invested in specific personal protective equipment for pickers who work on the lemon harvest. The uniforms have doubled the protection of forearms and thighs to prevent accidents with thorns.

Pickers are provided with the best and safest equipment; the new lemon-picking gloves are longer, covering the forearm, and made of a different material for better protection.

We also introduced a new approximation system for our tractors in 2016. The main function of this system is to warn the tractor driver of risks within a radius up to 20 meters. Those risks are related to the presence of people or the proximity of the power grid. The tractor driver is alerted by two signals: a flashing red light on the tractor control panel and a sound alert.

This application is safe in the sense that the device stops the tractor's moving parts, by cutting the oil flow to all hydraulics using a flow sensor that is connected to the alert system. After the person leaves the reading range, the system automatically unlocks and returns to normal operation.

We go to great lengths to ensure that the working environment demonstrates best practice.



Highlight

Working Conditions

We ensure that the sanitary installations at all our worksites have access doors and locks, are separated by gender, with a drainage system and suitable containers for garbage collection. We also ensure that drinking water, toilet paper, paper towels and liquid soap are provided.

Industrial Employees

A sample of the protective clothing provided to employees at the industrial sites



Harvest Employees

Protective clothing provided to all harvest employees



Corporate Policies and Training

LDC believes in the potential of all of its employees. In order to help them develop and to create a better work environment for everyone – not only safer and more efficient, but also friendlier – we invest heavily in training, from the senior leaders to the temporary workers.

In 2016, the Juice Platform conducted a total of 844 trainings in Brazil, including the induction for new employees, as well as training in technical, normative, behavioral and work / operational instructions in all assets.

Training was conducted within the following programs:

- **LDA (Leadership Development Academy)** Corporate program for the company's leadership.
- **Evolve Program** Development program with behavioral and technical training for employees in mid-level management positions and possible future leaders. In 2016, 45 trainings were carried out, involving 721 participants.
- **SGQA (Agricultural Quality Management System)** Technical and operational training program that instructs agricultural workers on best practice related to their day-to-day tasks. More than 260 trainings were conducted.
- **Graduate Program** Focus on our graduate trainees to accelerate their professional development in areas such as agriculture and logistics. We also have a strong internship program, involving all four of our processing plants and Santos terminal.
- **Regulatory Training** We delivered full compliance training as required by regulatory norms for activities carried out at our farms, our industrial sites and the export terminal.
- **Training of Harvest Team Leaders** Cultural, technical and operational development program for harvest leaders.

- **People Committee / IDPs** Managers and Human Resources convene twice a year to discuss career development actions and plans for succession in order to retain talent and to support the sustainable growth of the company.

Other regular trainings and initiatives with active participation from our employees:

- **Safety Day** Global initiative conducted annually by LDC, emphasizing the importance of safety procedures and the company's commitment to zero accidents.
- **SIPAT (Work Accident Prevention Internal Week)** Initiative that promotes a week of activities and lectures developed locally according to the site's (both industrial and farms) needs. In 2016, the SIPAT conducted in the Juice Platform's assets had over 1400 participants.
- **Health Campaigns** The platform had Pink October and Blue November internal events (regarding women's and men's health prevention), aiming to bring information to our employees and encouraging them to seek preventive medical care.
- **DDS (Daily Safety Dialogues)** A daily talk conducted routinely at the assets at the beginning of the day and each shift, covering best practice and information on health, safety, cleanliness and other themes. Some of the themes that were covered during 2016 were: fighting dengue fever, STDs, H1N1 fever vaccines, emergency simulations and social campaigns of the platform.

LDC SHE (Safety, Health and Environment) Principles

- 1 **People are the most important success factor of our health and safety program**
- 2 **Management is responsible for all safety programs**
- 3 **All employees should be adequately trained to work safely**
- 4 **All employees are responsible for working safely and following the rules**
- 5 **All injuries and incidents can be prevented**
- 6 **All operating risks can be controlled**
- 7 **All deficiencies must be corrected promptly**
- 8 **Safety is a condition of employment**

Coffee with the Manager

In 2016, we continued with the "Coffee with the Manager" monthly initiative in the agricultural department. This activity ensures that the farm manager and the employees have an open dialogue during breakfast, strengthening the relationship between leaders and employees.

Case Study

Safe Harvest

Harvesting is a manual process and by definition conducted outdoors, which can lead to exposure to hazardous working conditions. With the objective of reducing unsafe practices, a multidisciplinary team, composed of various LDC departments, studied the main causes of accidents and has proposed the following four areas of focus:

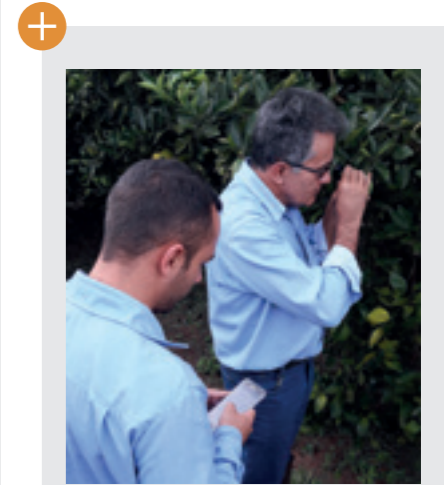


1. Pickers and picking team leaders: ensure their return for the following year's harvest
2. Operation: analysis of all methodologies, material and equipment used in the operation
3. Farm structure: management responsibility definition in SHE and harvesting aspects
4. SHE Management System: training and developing all employees

We implemented several actions based on our discoveries, and are pleased to

have achieved the following results: a significant increase of pickers and picking team leaders returning for the following harvest and the implementation of a robust development program and safety culture training, leading to a reduction close to 60% in accident levels when compared to previous crops.

The Safe Harvest Program has also played a large part in ensuring all aspects of the harvest are conducted in a safe manner. Finally, the development and adoption of new Personal Protective Equipment mentioned previously, was also successful.



Case Study

ProMIP

In 2016, LDC invested in developing technology that would help our teams in the field to work in a more efficient way.

One of the pilots that was implemented and is now being successfully adopted is the ProMIP (Project of Inspection of Pest Mobile). This project will effectively replace the current model of pest inspection with the use of a mobile application for data collection.

Data collection is conducted by pest inspectors on motorcycles, equipped with the ProMIP application; this eliminates notes on paper and makes calculations faster and more accurate. After data collection, results can be consolidated and overlaid on thematic maps, generating reports specially developed for the needs of the company. Use of the ProMIP system has resulted in greater reliability in data traceability, speed and yield.



Case Study

Not From Concentrate (NFC) Field Day

In 2016, aligned with the Platform's decision to focus on quality and customer centricity, a NFC Field Day was held. This event was designed to define and educate on the selection parameters for NFC fruits. During the training, the critical points related to fruit quality were determined in order to instruct the attendees about good practices and to standardize the selection parameters for NFC fruits.

The participants for the Field Day included the Quality Supervisors of

Bebedouro and Matão plants, the Harvest, Loading and Transport Supervisors of all our managed farms, Origination Supervisors and Raw Material Inspectors. Following the event, Key Performance Indicators were created for daily monitoring. In addition, a manual was produced for the farm coordinators to assist with training, multiplication and understanding of the fruit pattern. As a direct result we saw a significant improvement on the standards of the fruit selected for NFC.

Our People. *continued*

Who are our People

Permanent & Temporary Employees By Gender

	2014			2015			2016		
	Female	Male	Total	Female	Male	Total	Female	Male	Total
Indefinite / Permanent Contracts	1 063	2 543	3 606	786	2 419	3 205	703	2 437	3 140
Seasonal / Temporary Contracts	2 388	3 654	6 042	2 499	4 210	6 709	2 026	3 794	5 820
Total	3 451	6 197	9 648	3 285	6 629	9 914	2 729	6 231	8 960

Breakdown Of Employees By Gender & Seniority

	2014			2015			2016		
	Female	Male	Total	Female	Male	Total	Female	Male	Total
Managers	3	27	30	4	25	29	4	20	24
Supervisors / Technicians	13	98	111	11	101	112	12	104	116
Other Employees	1 141	2 744	3 885	780	2 302	3 082	698	2 325	3 023
Seasonal Employees	2 294	3 328	5 622	2 490	4 201	6 691	2 015	3 782	5 797
Total	3 451	6 197	9 648	3 285	6 629	9 914	2 729	6 231	8 960

Compared to 2015, in 2016 we had a variation in the total number of employees, particularly seasonal workers. This is due to the following factors:

- The biggest impact on the number of employees was the smaller volume of the crop, which determines how many pickers and other seasonal workers will be needed. 2016 witnessed a significant drop in the orange crop due to climatic reasons, resulting in the smallest harvest in 20 years.
- There was a reduction in the number of pest inspectors required by the farms, as the ProMIP optimized this task.



Our focus on Safety: Frequency, Gravity & Severity Indexes

The LDC Juice Platform takes the safety of our people at all our sites very seriously. We monitor all accidents at our sites, however large or small.

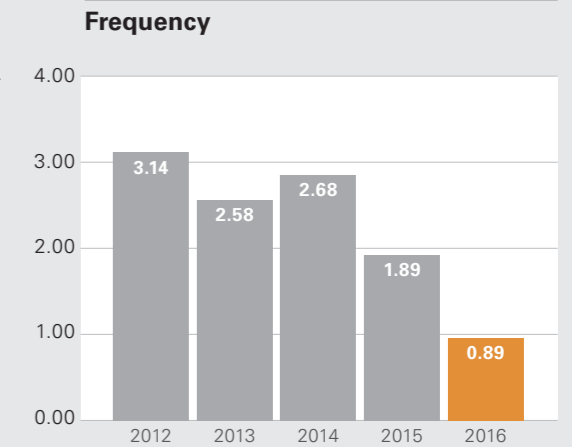
We are constantly striving to be best-in-class in the industry in our safety performance, and for 2016, we are pleased to have achieved reductions in all 3 indexes, with an outstanding reduction in the severity index.

We had an average reduction of 53% in our frequency index of accidents in 2016 vs. 2015 (vs. target of 20% for all our indexes). For our gravity index, we achieved an average reduction of 51.5% in 2016. For the severity index, we achieved an average reduction of 48.8%.



Frequency Index Reduction 2015-2016

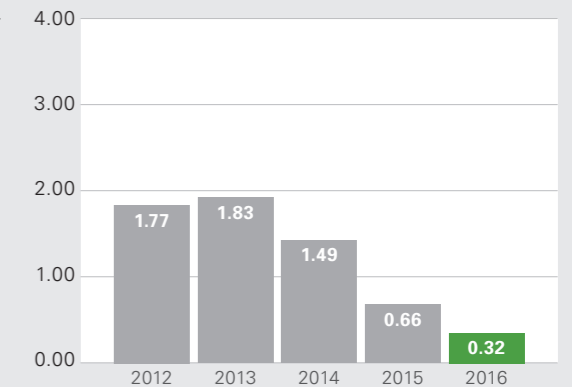
↓53%



Frequency Index: expresses the relation between workplace injuries and hours worked. Includes injuries to all LDC employees (Juice Platform), contracted employees or seasonal workers, excluding contractors.

Gravity Index Reduction 2015-2016

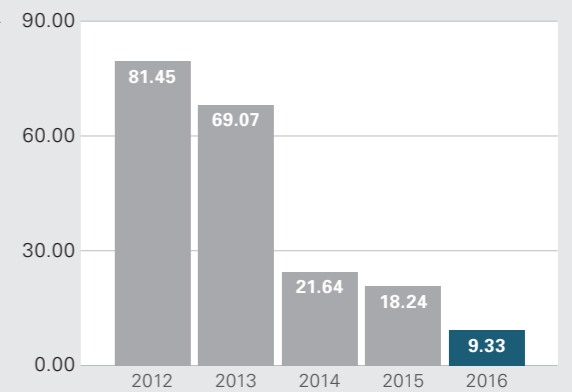
↓51.5%



Gravity Index: expresses the relation between lost time cases and hours worked. A qualifying case includes those work-related injuries and illnesses severe enough to warrant time away from work.

Severity Index Reduction 2015-2016

↓48.8%



Severity Index: expresses the relation between lost days and hours worked. Qualifying lost days include those days away from work as prescribed by a licensed medical provider due to work-related injuries and illnesses.

Our Environment.



Looking after the environment across the value chain is one of our top priorities. We carefully monitor the energy, carbon footprint, waste and water usage at our assets.

Looking after our Natural Resources.

Environmental Footprint of Assets

Our juice production is inherently environmentally sustainable in that no part of the fruit is wasted. Any residues extracted from the production of fruit juice are used as an ingredient in perfume, chemical ingredients, cattle feed, cosmetics and other food products. In addition, during the production of the fruit juice itself, we are making significant strides in measuring and improving our environmental footprint across the following areas:

- Industrial energy consumption
- Carbon footprint
- Water usage
- Waste generated

Industrial Energy Consumption

Fuel Type	2015	2016
Wood chips (MT)	199 200	167 089
Sugarcane bagasse (MT)	68 500	232 893
Peanut Shell (MT)	181	0
Corn stover (MT)	0	8 909
Diesel – Generators (L)	0	2 529
Diesel – Machinery (L)	155 800	206 461
LPG – Machinery (MT)	47	50
LPG – Process (MT)	376	489
BPF Oil (MT)	552	532
Natural gas (Nm3)	6.8 million	5.3 million
Energy consumption – power utility (kWh)	83 million	103 million

MT: metric tons L: liters kW-h: kilowatt-hour

Wood Chips, Sugarcane bagasse, Peanut Shell and Corn Stover
Renewable Energy Sources The sources to obtain renewable energy vary according to market availability and prices of each product at a particular point in time. The decrease in consumption of wood chips occurred because sugarcane bagasse had a better ratio of price/kcal.

Diesel – Machinery
 In Bebedouro and Matão plants we witnessed an increase in sugarcane bagasse consumption, and as a consequence a greater use of the wheel loaders and tractors for moving this bagasse. Therefore, we had a higher consumption of diesel for keeping these machines in operation.

Diesel – Generators
 The generators were used when it was not possible to switch off some equipment during maintenance or in the event of lack of energy in the plant (blackout).

LPG – Process in Santos Terminal
 In 2016, we handled more juice in the terminal. However, due to improvements in the operation, the gas yield was increased.

Note: In 2015 the yield was 2.49 kg of LPG consumed / ton of juice, which improved to 2.18kg/ton of juice.

Natural Gas
Matão During January 2015, natural gas was used to fuel the dryers. For the rest of 2015, and all of 2016, natural gas was replaced by sugarcane bagasse.

Energy Consumption (KWh)
Engenheiro Coelho During 2015, we processed no fruit at this plant, but did so in 2016, thereby increasing energy consumption.

Bebedouro The increase in energy consumption was due to greater volumes of fruit being processed in 2016.

Matão The increase in energy consumption in 2016 was due to two main causes; firstly, the clarification plant began to operate, and secondly, we expanded the capability of the waste water treatment plant by increasing the aeration process.

Santos In 2016, the terminal handled greater volumes of juice, consequently consuming more energy.



Carbon Footprint

2016 Total Energy Consumption vs. Use of Renewable Energy



Energy Consumption (GJ)

5.6 million GJ

2015 4.8 million GJ



Renewable Fuel (GJ)

5.1 million GJ

2015 4.5 million GJ

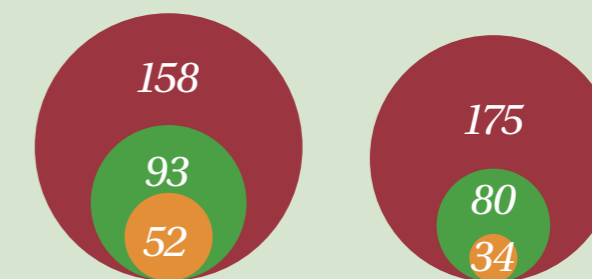
Total energy consumption increased from 2015 due to increase of orange processing and plants expansion.

Remark 2015 Report: Total energy consumption was 4.8 million GJ for all plants in 2015, and not 9.9 million GJ as indicated in our previous Juice Sustainability Report.

Carbon Footprint 2015 & 2016 in Grams equivalent of CO2 per liter of Orange Juice at 11.5°Brix

Our absolute total carbon footprint increased slightly in 2016 from 2015 due to the increase of biomass (sugarcane bagasse) consumption in the plants, and maritime transport volume, but it decreased per litre of juice produced.

NFC Total Footprint



2015

2016

303

289

FCOJ Total Footprint



2015

2016

143

141

- Agricultural
- Industrial
- Logistics / Other

Water Consumption



Water Consumption	FY (m3)		m3/ton	
	2016	2015	2016	2015
Industrial	4.077.847,14	3.189.382,00	1,61	1,70
Farms	1.968.914,75	1.562.444,50	0,93	0,83
Platform Total	6.046.761,89	5.751.826,50	1,30	1,26

Water Consumption for Farms

Bebedouro
In 2016, we produced more NFC. As a result, we obtained a smaller volume of condensed water from FCOJ.

Engenheiro Coelho
Orange processing resumed at this plant in 2016.

Matão
In 2016 more water was consumed due to expansion of the juice clarification plant.

Santos
There were greater volumes handled in Santos.

The small increase in water consumption for farms in 2016 was mainly a result of the installation of hydrometers, allowing us to improve water measurement by moving from estimates to real values.

Remark 2015 Report:
Total water consumption was 3.189.382m³ for all plants in 2015, and not 1.9 million m³ as indicated in our previous Juice Sustainability Report.

Remark 2015 Report:
Total farms water consumption was 1.562.445m³ for all farms in 2015, and not 3.5 million m³ as indicated in our previous Juice Sustainability Report.

Generation of Waste

Industrial Waste

in MT	2015	2016
Waste in general (garbage, grain, etc)	92	418
Hazardous waste	16	20
Medical waste	1.2	1.75
Reused organic waste	20 667	46 520
Recycled waste	50	111
Metal recycled material	271	560

General Waste / Recycled Waste / Metal Recycled Waste Bebedouro

The amount of waste generated was higher in 2016 due to the construction work involved in the plant's expansion (dry peel plant), in addition to the increased production / processing activity compared to 2015.

Matão

The amount of waste generated was higher in 2016 due to the expansion of the plant, including the juice clarification process and the improvements made in the waste water treatment facility.

Engenheiro Coelho

We also saw increases in waste generation, as we resumed orange processing in 2016.

Reused Organic Waste Engenheiro Coelho

During 2016, we disposed of a stock of solid waste, including material collected in previous years.

Matão

In 2016, we improved the waste water treatment plant inlet by separating liquid and solid waste. This improvement in separation resulted in an increase in solid organic waste.

Agricultural Waste

in MT	2015	2016
Waste in general (garbage, grain, etc)	99	111
Hazardous waste	11	68
Recycled waste	36	207
Metal Recycled material	22	325

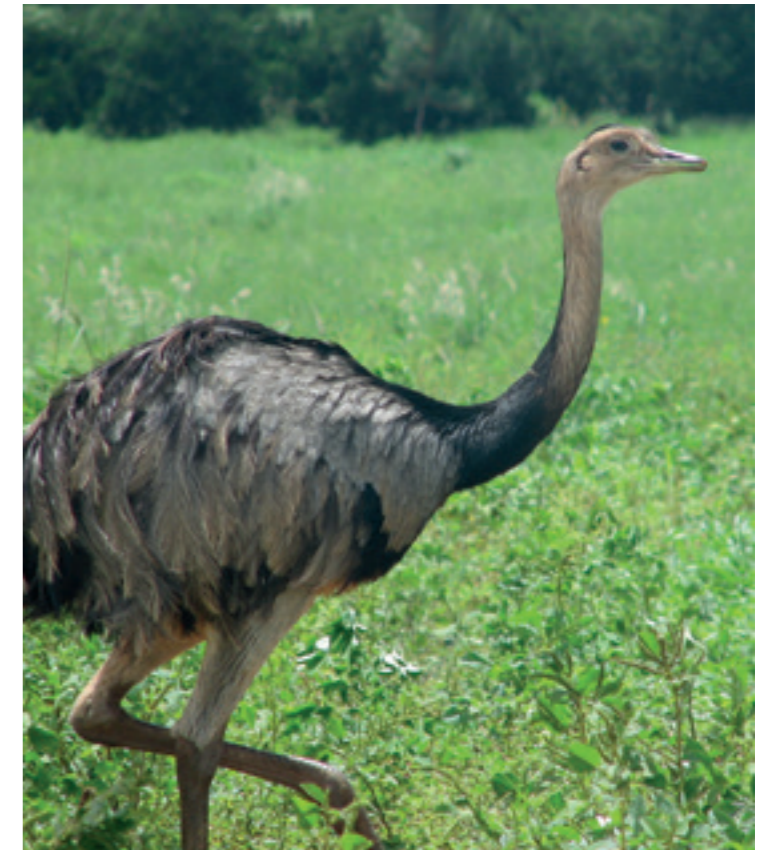
Overall, in 2016 we did not witness an increase in the generation of waste. Instead, we disposed of passive waste more efficiently.

Wildlife Conservation

We understand the importance of protecting and preserving indigenous wildlife around all our operations and installations.

We take great care to be mindful of and compliant with Brazilian law as it relates to environmental and habitat preservation.

Animals photographed on LDC farms



Our Community.



We recognize that the building of long-term partnerships is essential to both LDC's growth and to the well-being of local communities where we operate.

Working with our Local Communities.

Our diverse initiatives, directed at people, the environment, the community and partners, reflect how much we are aware of the extent of our impact. We therefore recognize and embrace our social responsibilities wherever we operate.

Louis Dreyfus Company is an important employer locally, generating income for the communities, and helping to improve their quality of life. We also make significant contributions to social projects, aiming to support initiatives that improve the living conditions of local residents.

Recognized Initiatives

LDC has been commended by Abrinq, an organization that defends the rights of children and teenagers, and has been designated as a child-friendly company. This recognition is a result of the support we provide to projects such as the Alfredo Naime school. Since 1998, we have been involved in assisting the school, helping it to move from part- to full-time education provision. In addition, our support has enabled improvements and additions to the curriculum including mathematics, IT, writing and literacy, gardening, sports, music, dance and environmental stewardship. This support also covers the provision of relevant materials such as uniforms. The main objective of our involvement is to encourage the development of children in need, while helping to protect them from being exploited as child labour.



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Testimony

LDC's support for the school has contributed to our children's education and welfare. The investment allows activities and concepts to be developed and care to be given to the children and their families, and this will last for a lifetime.

Clélia Mascaranhas Antônio, student mother

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Testimony

The project was very important for my schooling, as it allowed me to enhance my social interaction with others and encouraged me to develop my skills, among which was music, which is now part of my church life. I am grateful for this wonderful opportunity I was given, which enables me to grow as a person.

Matheus Marques da Costa Carvalho, 17 years old, former student

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Testimony

LDC has been supporting full-time education at this school since August 1998, helping us to ensure the student's access and permanence in school and providing opportunities for a solid background in citizenship. The partnership is also important for actions that seek the children's welfare in the teaching and learning process. As a manager of this school, the progress the school community has made in all segments is clear to me: students have had the opportunity to experience diverse activities that help them make their choices, giving them more autonomy; parents are more involved in the students' school lives, becoming partners in the task of educating, and the nurturing staff and teachers are appreciated in the teaching and learning functions, since the partnership allows us the opportunity to provide the conditions needed for a good class.

Sueli Occaso, Alfredo Naime school director

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Testimony

Having the workshops is important because we not only learn several activities, but also how to care for the environment, turning recyclable garbage into toys, solve issues, write texts, play instruments, and search the Internet.

Jaini Lombardo Padovan, 10 years old, 5th grade student

We observed that the students understood the importance of preserving the environment.

Sirlene Chieregato Borges, 5th grade teacher, Maria Madalena Straioto de Souza school, Pedregulho



Together for the Environment

Another growing LDC-supported initiative is Together for the Environment, whose principal objective is to raise awareness about the importance of the environment in elementary school children. Through this project, we bring children from local public schools to visit LDC's orange farms, teaching them about the importance of water, riparian forest, wild fauna, recycling and sustainable agricultural practices. At the end of the visit, each child plants a native tree. The students get an illustrated booklet, created exclusively for the project, featuring tips on conscientious consumption and recycling and information about the orange juice production process. They also receive a participation certificate, a t-shirt, and, as a gift, a "magic plant," which sprouts with the word "nature" in its bud. This is now a permanent element in the calendar of the participating schools.

In 2016, around 800 children participated, bringing the total number to more than 3000 since the project's inception in 2012. During the course of the year, we extended the project to new cities, adding Itatinga, Guarantã, Agudos, São Carlos, Santo Antônio da Alegria and Pedregulho, all in São Paulo state. In total, children came from public schools in nine different cities to 11 of our farms.

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Testimony

We observed that the students understood the importance of preserving the environment. They learned how to plant trees and loved the visit, the videos, the food provided and the project organization. We hope to return next year with new classes and students.

Sirlene Chieregato Borges, 5th grade teacher, Maria Madalena Straioto de Souza school, Pedregulho

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Testimony

The project has brought to students, through experience and participation, understanding about conscientious environmental management. They realize that environmentally appropriate actions can be done daily, and that minor actions drive major changes.

Maria Teresinha Sartorelli Manieri, former Education Director of Ribeirão Bonito, city that has participated in all editions

Other Initiatives
Educandário Santo Antonio de Bebedouro: this entity hosts children for extracurricular activities, including sports, information technology, dance, and theater. LDC has offered financial support for over ten years, and also donates juice to meals offered by this institution, which has been working with local children for over fifty years.

Family Visitation Program: LDC employees invite their families to the workplace, to show family members how the company values safety and quality.

Each month, we **donate juice** to schools, nurseries and other relevant institutions.

Other donations: we encourage and support our employees to get involved with local community programs, and promote internal campaigns to collect food, toys, and clothes. These items are then delivered to relevant local social institutions that distribute them to the people that need them most. An example is the "Good Gymkhana", an internal competition between departments where the challenge is to gather the largest amount of non-perishable food. We also support local winter campaigns in Bebedouro, Matão and other cities where we have juice assets: we encourage employees to donate coats they no longer use.

Partners & Certifications.



A key development in our sustainability efforts has been our successful progress on certification.

Partners & Certifications.

Rainforest Alliance



A key development in our sustainability efforts has been our successful certification progress with the Rainforest Alliance. Our Juice operations are now certified across two dimensions:

- **Farm-level certification:** 6 new farms certified in 2016 (São Francisco, Maria Sophia, São Sebastião, Morrinhos, Pedra Branca, Rincão dos Coxos), adding to the 5 farms already certified in 2015 (Monte Belo, São José, Santo Antônio da Barra Nova; São João; Santa Ângela) totaling 11 certified farms.
- **Chain of custody certification,** so that we can help to ensure the traceability of the production from Rainforest Alliance Certified™ farms. The Matão plant and Santos Terminal, Brazil, as well as the destination terminal in Ghent, Belgium, were already certified in 2015, and in 2016 the Bebedouro plant in Brazil also received this certification.

to manage solid residue waste and to reduce the use of any crop protection products which may have toxic effect. The farms adhere to only using inputs from a strict list of crop protection products, which are considered safe for the environment.

In 2016, as part of the process to obtain the certifications and verify our impact in the communities in which we operate, social diagnoses were performed in the cities of:

- Pedregulho – SP (Vila Primavera, Estreito)
- Ribeirão Fundo – SP (Guarapiranga)
- São Carlos – SP (Santa Eudóxia District)
- Itatinga – SP

The audit team visited some municipal nurseries, schools, health offices, social assistance centers, workers' unions, among others, in order to have a social overview of the area.

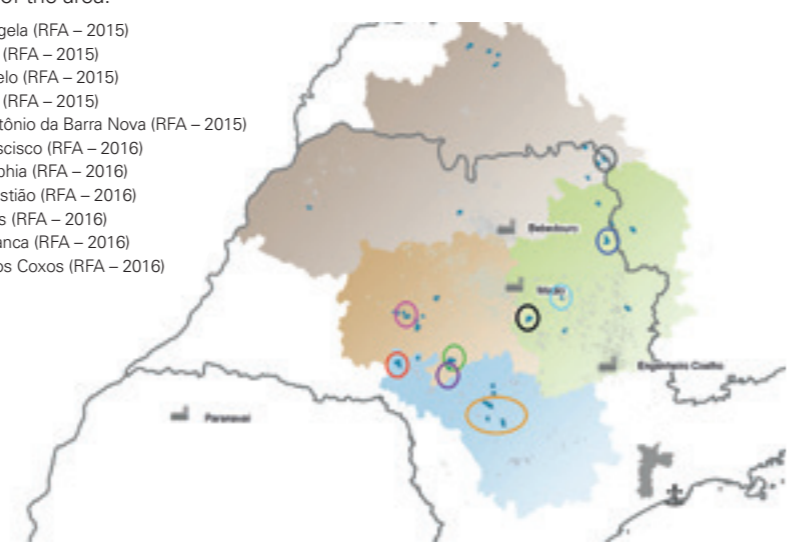
- Santa Ângela (RFA – 2015)
- São João (RFA – 2015)
- Monte Belo (RFA – 2015)
- São José (RFA – 2015)
- Santo Antônio da Barra Nova (RFA – 2015)
- São Francisco (RFA – 2016)
- Maria Sophia (RFA – 2016)
- São Sebastião (RFA – 2016)
- Morrinhos (RFA – 2016)
- Pedra Branca (RFA – 2016)
- Rincão dos Coxos (RFA – 2016)

The certification process has resulted in several immediate benefits, both environmental and social:

- Dedicated and assigned Group Administrator who is responsible for ensuring that the respective sites are constantly meeting the requirements of the certification standards
- Formalized process in working with neighboring communities
- Further expansion of our Environmental Education program which allows us to promote environmental responsibility through farm tours, seedling planting and training
- Implementation of a Resource Management plan to reduce the consumption of water and electricity,

To gain certification, our farms are assessed against strict criteria on the following dimensions, as per the Sustainable Agriculture Standards:

- Social and Environmental Management
- Ecosystem Conservation
- Wildlife Protection
- Water Conservation
- Fair Treatment and Good Working Conditions for Workers
- Occupational Health and Safety
- Community Relations
- Integrated Crop Management
- Soil Management and Conservation
- Integrated Waste



Sharing of Best Practice: Programa Compartilhar



The Juice Platform is conscientious in training its own employees and local communities, as well as in offering training to third party fruit suppliers. The program's goal is to share best practice with partners and raw material suppliers. Through this program our aim and ambition is to ensure alignment with LDC's policies, as well as with technical and legal requirements for the sector, sharing sustainable methods of production. Over 20% of volumes have been purchased from third party producers trained through this program.

A wide variety of subjects are addressed in the meetings, and this year these included NR 31 (legislation), safe use of crop protection products, environmental protection and requirements by the ministry of labor. In 2016 we had 42 participants in the program.

Taking part in this program is great, I already participated in two events and we always see different subjects. We are more attentive to updates, and learn more in detail about safety, for example.

Valdete Aparecido, worker at Capão do Vale farm, Guaraci, São Paulo state

Every program that helps the citrus producers is important, because we are in the field and we don't get the chance to do updating trainings frequently. I will take part in all events to come.

Spencer Nazzi, owner of Morumbi farm, Estrela d'Oeste, São Paulo state

Sustainable Agriculture Initiative (SAI)

Whilst our operations equate to Gold Grade under SAI Platform's self-audit standard, we continue to work with this important association to learn, share, develop and improve across all areas of our activity related to juice production.

Sedex Members Ethical Trade Audit (SMETA)



LDC has been a voluntary member of "Supplier Ethical Data Exchange" (Sedex) since 2010, and is committed to the continuous improvement of ethical and social responsibility performance through the SMETA 4-Pillar Audit Report (Sedex Members Ethical Trade Audit), developed by Sedex.

The SMETA 4-Pillar is an audit procedure, compiling best practice in the following areas:

- Labour Standards
- Health & Safety
- Environment
- Business Ethics

The juice terminals are audited under this scheme as are three of the Brazilian processing plants (Bebedouro, Matão and Paranavaí – the last one was included in 2016).

Customer Centricity Projects

Serving the needs of our customers as proactively and responsibly as possible has always been our principal goal.

We encourage all our employees to incorporate quality themes in their working lives on a daily basis, and introduced several initiatives to support this in 2016. For example, VOQ (Visita de Observação de Qualidade – Visit and Quality Observation), encourages our employees to assess our locations to monitor and observe if quality and hygiene norms are being respected.

In addition, the Quality team also hosts "pop up events", showcasing to our employees all the products that we manufacture, (juice itself, fruit, oil and animal feed) stressing the quality standards we follow. The idea is to increase awareness among our employees about the importance of observing procedure, in order to deliver a quality final product.

Fairtrade



The Juice Platform is also successfully working with the FairTrade certification program, with its focus on smallholder producers. The program assesses the small holder farmers against key criteria around labor and environmental standards. The FairTrade certification allows them to command a premium, which is to be invested in projects to further enhance social, economic and environmental development.

We now have more than 40 certified small producers who deliver their FairTrade-certified fruits to the LDC Paranavaí Plant.

Other Certifications

The Juice Platform has an impressive range of other certifications, all reflecting its commitment to food safety, quality management and best-in-class industry standards. These include:

- **ISO 9001:2008**
Quality Management System: Santos, Ghent and Rotterdam
- **ISO 14001:2004**
Environmental Management System: Santos
- **OSHAS 18001:2007**
Occupational Health and Safety Assessment Services: Santos
- **FSSC 22000:2005**
Certification Scheme for Food Safety System: Ghent
- **Halal Certificate**
(required by the Islamic community)
- **Kosher Certificate**
(required by the Jewish community)
- **SQF Code– Level 2**
Food Safety and Quality Management System (Recognized by GFSI): Matão, Bebedouro, Paranavaí and Santos Terminal
- **SGF (Sure Global Fair)**
Food Safety, Authenticity, Hygiene, Sustainability, Traceability and Labelling: Matão, Bebedouro, Paranavaí, Santos and Ghent