BUNGE

SDG	BUNGE RESPONSE
	Bunge is a leading agribusiness and food company whose fully integrated value chain spans the globe. We
SDG 2 End hunger,	are accelerating our approach to sustainability, aiming to become a shaper of sustainable practices within our sector.
achieve food security and improved nutrition and promote sustainable agriculture	We're working on one of the world's biggest challenges — how to ensure food security for a growing population in a sustainable way. Our approximately 33,000 employees help farmers produce larger harvests by ensuring a seamless connection between farmers and customers, and among regions, and produce high-quality products ranging from consumer foods to animal feed to renewable fuels. In
AND	operation for nearly 200 years, we currently run activities in more than 40 countries related to:
SDG 8: Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all	 Origination of oilseeds and grains from the world's primary growing regions and transport them to customers worldwide Crushing oilseeds to make meal for the livestock industry and oil for the food processing, food service and biofuel industries Producing bottled oils, mayonnaise, margarines and other food products for consumers, providing affordable access to staple foods
	 providing affordable access to staple foods mill wheat and corn for food processors, bakeries, brewers and other commercial customers crush sugarcane to make sugar, ethanol and electricity, supporting the development of renewable sources that support the well-being in developing countries sell fertilizer to farmers
	<i>Our Sustainability Pillars</i> Bunge aims to improve the global food production chain, from farm to fork, to help meet global nutrition and food security needs while conserving natural resources and supporting local communities.
	HOW WE ACT: Our Business
	For Bunge, everything starts in the agricultural fields. Although we do not operate farms for most of the agricultural products we source, we have built strong relationships with farmers, sourcing oilseed oils and whole grains and delivering them to where demand is around the globe. We also process food and ingredients, and operate in the bioenergy market.
	Nutrition Nutritious food supports human health, which is the basis of human well-being and development. Grains and oilseed oils, specifically, account for 50% of the available calories in the global food supply today. Bunge enhances the nutritional profile of diets around the world with our oilseed oils and grains and through the fortified foods we produce.
	Nutritious Oils & Grains Soybean, canola, rapeseed and sunflower oils are among the richest dietary sources of polyunsaturated fat and omega-3 and omega-6 fats, all of which have known health benefits. Whole grains are rich in fiber, which is associated with a reduced risk of diabetes and heart disease. They also provide minerals such as iron, magnesium and zinc, as well as B vitamins. And quinoa, millet and sorghum — gluten-free grains — are a good source of nutrients.

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SDG 2 End hunger, achieve food security and improved nutrition and promote sustainable agriculture	Making nutrition available globally With an integrated value chain that stretches from farm to fork, Bunge is well positioned to deliver safe, affordable and nutritious grains and oilseed oils around the world. And our fortified margarines, enriched oils and omega-3 blends supply nutrients and other benefits that are needed for human health and decrease disease risks. Going forward, we will continue to work with partners across our food value chains, the nutrition
AND	community and the public health sector to help improve public health by providing healthier oil and grain
SDG 8: Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all	products, for which there is a growing consumer demand. Food Security An expected surge of the global population and the unpredictability of rainfall and other weather patterns due to climate change are making it necessary for agribusiness and food companies to plan for increased food production and less food waste, and to take measures to combat and manage the risks of climate change.
	Bunge is preparing to help feed 9.5 billion people by 2050 on several fronts: We are investing in new facilities; working to increase the efficiency and integration of our supply chains; promoting sustainable agriculture and striving to ensure resiliency to climate change in various regions of the world.
	Partnerships From 2013 through 2015, Bunge was an anchor sponsor of and contributor to the Aspen Institute's Food Security Strategy Group (FSSG), an expert strategy dialogue among thought leaders from business, government, academia and civil society in support of long-term food security that developed recommended actions for further international coordination around the subject.
	Most recently, joining forces with industry leaders to work on sustainable solutions to feeding a growing world, in August 2016, Bunge became a member of the World Business Council for Sustainable Development (WBCSD), a CEO-led organization working to galvanize businesses around the world to help create a sustainable future.
	Going forward, we must balance sustainability requirements with macro efficiencies in order to continue to meet demand and standards of safety and quality around the globe.
	ENGAGE: Communities Bunge contributes to the well-being of local communities through employment and investments, through our work with local associations and through employee volunteer activities.
	Community Development Bunge participates in and sponsors activities that support the communities in which we operate around the world. In 2015, these activities supported access to water, disaster and hunger relief, farm safety, children and families in need, environmental preservation, education and literacy, and arts and culture.

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SDG 2 End hunger, achieve food security and	Fertilizing to increase production and protect the environment – the Argentine approach
improved nutrition and promote sustainable agriculture	Higher yields in the same cropping area, respecting the environment, is the goal for sustainable development. In Argentina, Bunge is generating knowledge based on essential trials conducted for farmers, to validate and facilitate the beneficial decision-making process. The so called 'Bunge Proposal' (Propuesta Bunge) has shown the increase of productivity that can be achieved in La Pampa region by
AND	correctly balancing the soil nutrients through a proper fertilization. In average, 13% of yield increase has been reached.
SDG 8: Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all	To improve the transfer of technology Bunge has launched the Agro Files tools, with a collection of trials performed and or sponsored by the Company, which are allowing people to choose fertilization recommendations by region or crop, and to finding research experiences applicable to their work area. It has been a valuable support to local sustainable agriculture for putting together all of Bunge Argentina's research, keeping its farmer's community updated. More info available at <u>www.bungeargentina.com</u>
	Responsible Sourcing Through our Agribusiness segment, we source oilseeds, soybeans, corn and other grains from major growing regions around the world. Through our Sugar & Bioenergy segment, we produce sugar and ethanol in Brazil, operating directly in plantation fields in this case.
	In our third year of partnership with the NGO The Nature Conservancy (TNC), we also continue to help protect habitats and biodiversity while Brazil's agribusiness sector expands. Through our new partnership with TNC, we have begun work on an innovative, open-source tool to help identify the best suited regions to sustainable growing practices within Brazil's farming sector. We are developing this tool in collaboration with other market players, associations, financial institutions, NGOs, and private and public research agencies, and it will be tested by Bunge and other companies to help determine sourcing operations going forward, in Brazil and beyond.

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SDG	BUNGE RESPONSE
SDG 4 Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all	Community Development Bunge participates in and sponsors activities that support the communities in which we operate around the world. In 2015, these activities supported access to water, disaster and hunger relief, farm safety, children and families in need, environmental preservation, education and literacy, and arts and culture. 60+ years of community development in Brazil The Bunge Foundation, which celebrated a milestone 60 years in Brazil in 2015, supports literacy, history education, individual achievements and sustainable development in that country. Some 500 Bunge Brazil employees volunteered in local community activities in 2015, and more than 32,000 people participated in Foundation activities during the year. Uruguay's XXI Century Rural School ("Escuela Rural Siglo XXI") A joint project with Reaching U and Fundación e.dúcate Uruguay over 11 primary schools, benefiting 100 rural families. The objective is to strengthen the rural educational initiative, developing the capabilities of the Rural Educational Community (inspection, schools, teachers)" In this terms, children will be able to broaden their geographical and cultural horizons while improving their academic standards, expanding their cultural knowledge and maximizing their creative skills.

	ENGAGE: Our Employees
SDG 5	We engage in best practices to attract a richly diverse workforce and aim to include all voices in our
Achieve gender	operations. Our extensive employee-training offerings are an investment in our workforce and the future
equality and	of our business.
empower all women and girls	
	Diversity & Inclusion
	With nearly 33,000 employees across more than 40 countries, diversity and inclusion are valued at Bunge.
	We are committed to supporting our diverse workforce and to boosting diversity within our operations.
	We strive to cast a wide net so that our global workforce will be reflective of our broad customer base
	and so that a diversity of thought is represented across our operations. We also review policies and
	practices to ensure that none inadvertently undermines diversity.
	We take proactive measures to increase employees' participation and inclusion once they are a part of
	Bunge, and examine policies and rules, both written and unwritten, to assess whether any are excluding
	participation in any way. We also examine comments received on our Ethics & Compliance hotline and
	website and our employee engagement survey to gauge employees' sense of inclusion. To support
	diversity of professional viewpoints, we also aim for cross-functional representation on our internal
	teams.



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SDG 5 Achieve gender equality and empower all women and girls

SDG

EOP Headcount

	2015					
		Male	Female		Total	
	Value	Percent	Value	Percent		
All Operating Company	26,722	81.5%	6,050	18.5%	32,772	
BAS	2,008	81.5%	456	18.5%	2,464	
BBR	15,334	86.2%	2,454	13.8%	17,788	
BEMEA	4,008	68.4%	1,848	31.6%	5,856	
BMSI	138	64.8%	75	35.2%	213	
BNA	3,143	77.7%	901	22.3%	4,047	
BPL	204	69.6%	89	30.4%	293	
BSC	1,884	89.2%	227	10.8%	2,111	

Average Workforce Tenure

		2015				
		All Genders Male Fema				
All Ag	es	7.0	7.1	6.7		
<	:20	1.1	1.2	0.8		
2	20-29	3.0	3.1	2.6		
3	80-39	5.4	5.4	5.2		
4	0-49	8.4	8.4	8.2		
5	50-59	13.4	13.0	15.3		
6	60+	17.0	16.9	17.7		

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Water

SDG

SDG 6 Ensure availability and sustainable management of water and sanitation for all

Because water plays a central role in the growing of food and production processes, and because access to safe, clean water is a UN-recognized human right, managing the limited availability of freshwater around the world is a central concern for the agribusiness and food sector. Agriculture is generally considered to use roughly 70% of the world's available freshwater.

The direct use of freshwater in Bunge's operations occurs mainly during our production processes, including heating and cooling, and in some secondary industrial contexts. As the world plans to grow more crops to meet growing demand, Bunge is preparing to simultaneously further reduce our freshwater use, manage our risk in water-stressed locations and support water availability for local communities. Soybean, Bunge's largest commodity by revenue, is a rain-fed crop in the majority of areas from which we source it.

Assessing and managing water risk

Using the CEO Water Mandate's definitions for key water stewardship terms, Bunge assesses water stress and water risk in watersheds or other areas where our facilities are located using:

- Internal company knowledge
- Regional government databases
- The WBCSD Global Water Tool[©] (GWT) and Aqueduct

Some percentage of Bunge facilities are located in **river basins considered at risk**, though their exposure to this risk is minor at present due to the nature of the facilities' operations. In addition, Bunge operates some facilities in 20 separate river basins in the world classified as being at high or extremely high **baseline water stress**, as defined by the World Resources Institute's Aqueduct tool embedded in the GWT. We also have facilities in 19 separate river basins that will be **below sufficient projected annual renewable water supply** per person in 2025, according to a World Business Council for Sustainable Development (WBCSD) 2016 update.

Of all of the above locations, the risk of potential financial impact from climate change, drought, increased water scarcity or stress, flooding, extreme weather and pollution of water sources is considered medium to high only in the Parana River basin (South America) and low to medium or low in the remaining basins.

Progress, disclosure and partnerships

We have made strides in water conservation within our operations, having already reduced our freshwater use by 9% since 2013, tripling our goal of a 3% reduction by year-end 2016. We have accomplished this by making our operational processes more efficient.

2015 marked our fourth year of disclosure to the CDP Water program and our first as an endorser of the UN Global Compact's <u>CEO Water Mandate</u>.



SDG		BUNGE RESPONSE	
	Water Withdrawal (megaliters/ye		
		2015	
SDG 6	Total water withdrawal	97 million cubic meters	
Ensure availability and sustainable	Total freshwater withdrawal	68 million cubic meters	
management of	Water Withdrawal by Source		-
water and sanitation	Sea water	22,887,426 megaliters	
for all	City	9,550,514 megaliters	
	Well	13,623,537 megaliters	
	Surface	45,284,317 megaliters	
	Total	97,345,794 megaliters/year	
	mobilization of business leaders to Development Goals. As part of our dialogue with investors, including members of the Interfaith Center and human rights. Please see our and performance. Bunge Global Innovation Award: In response to the most severe dra Araçatuba industrial plant constru freshwater consumption. As a resp	Water section for more information Water Conservation ought conditions in 150 years in São cted a closed-circuit water system ult of this innovation, the plant has duced its water consumption by 3.6	ation and the Sustainable t, Bunge also has been engaged in nvestment Responsibility and veral years regarding water security n on our water stewardship efforts o Paulo, Brazil, the team at our in 2014 to dramatically reduce become more sustainable, and

	We produce sugarcane products sustainably in Brazil, with three of our eight sugarcane mills producing
SDG 7 Ensure access to affordable, reliable, sustainable and modern energy for all	Bonsucro®- certified products as demand requires. In addition, our mills not only produce sugarcane
	ethanol, an advanced biofuel, but also run on bagasse, a renewable-energy byproduct of sugarcane
	processing, resulting in carbon-neutral electricity and the ability to contribute surplus to the grid to meet
	local power needs. In 2015, our Sugar & Bioenergy division exported 570,043 MWh to the Brazilian
	national grid (SIN), an increase of 8.03% over the previous year and enough energy to meet the annual
	power needs of approximately 300,000 households in Brazil.



SDG			BUNGE RESPONS	E			
	Waste			-			
SDG 12 Ensure sustainable	Bunge's biggest achievement in the environmental space in 2015 was our 11% reduction of waste sent to landfill since 2013, more than double our target of a 5% reduction by year-end 2016. We also reduced the						
consumption and	generation of solid w	aste in the major	ity of our operating con	npanies in 2015, and	d are in the proces	s of	
production patterns	preparing for a landfill-free future.						
					TOTAL		
	Total Weight of tons)	f Waste by Typ	e and Disposal Meth	od (metric	TOTAL		
		_					
		Landfill dispo	sal		41,560	4	
		Composting			16,330	4	
		Land farming			17,534	-	
		Hazardous la	-		0	_	
		Physic-chemi			540	4	
			-without energy recov	-	1,214	-	
		Fertilizer	- with energy recover	у	6,910	-	
	Non-		ation		1,599	-	
	hazardous	Biogas produ Recovery	Clion		25,420 14,589	-	
	Wastes	Reuse			22,277	-	
		Recycling			51,339	-	
		On-site stora	01		3,449	-	
		Mining waste			0	-	
		-	s waste (tailings)		0	-	
		Another treat			1,651	-	
			zardous wastes		204,412		
		Incineration			1,391	-	
		Hazardous la	ndfill disposal		746	-	
		Recycling			976		
		Recovery			748		
	Hazardous	Reuse			212		
	Wastes	Land farming			0		
		On-site storage	je		210		
		Another treat			114	1	
		Total hazard	ous wastes		4,282		
		Total w	eight of waste		208,694		
	-		pe and disposal metho	d)			
	Non-hazard	ous wastes (204,4	112 total metric tons)				
			2015				
	Recycling	ng 25%					
	Landfill d	isposal	20%				



SDG		BUNGE RESPOR	NSE
	Composting	8%	
	Biogas production	12%	
SDG 12	Other	11%	
Ensure sustainable consumption and	Reuse	24%	
production patterns			
	Hazardous wastes (4,282 tot	al metric tons)	
		2015	7
	Recycling	23%	7
	Hazardous landfill	17%	1
	Recovery	17%	
	Incineration	32%	7
	Reuse	5%	1
	On-site storage	5%	1
	(GRI-G4, EN23, 25)		
	company also runs programs to prom important example is the Soya Recicla its position as the main Bunge recycli collection program in the country, So (Rio Grande do Sul, São Paulo, Rio de currently being implanted in another In 2015, the number of schools partic collection hotspots were installed in 2 2,188 active collection hotspots (10% previous year. Since 2006, the progra	note awareness, waste a Program. Created in ng initiative as of 2014 ya Recicla is in place ir Janeiro, Bahia, Ceará, 23 municipal districts. cipating in the program 20 municipal parks in C up on 2014) collected m has collected more	nsumers directly with food products, the management and recycling. The most 2006, the Soya Recicla program consolidated 4. The largest voluntary used cooking oil a more than 40 municipalities in eight states Pará, Pernambuco and Minas Gerais); it is a was also expanded, in addition to which Greater São Paulo. Overall, in 2015, a total of 804,042 kg of oil, a 21% increase over the than 3 million kilograms of post-consumer vas collected, a volume increase of 35%

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SDG	BUNGE RESPONSE
SDG 13 Take urgent action to combat climate change and its impacts	Energy Use, Emissions and Climate Carbon emissions and deforestation may contribute to the warming of the atmosphere, which further destabilizes climate patterns and places food supplies and livelihoods at risk. As an agribusiness and food company, Bunge seeks to support adaptation and resilience to climate change in our operations and supply chain by managing the location and diversity of crops; by reducing our own energy use and emissions in both our facilities and our fleet; and by protecting forests. Such activities are core to Bunge's climate change mitigation efforts.
	Managing climate change risks Climate change poses acknowledged risks for Bunge. First, future additional regulations or taxation of GHG emissions, or policies related to national emission-reduction plans, could affect costs for our business. And second, adverse weather, including as a result of climate change, could affect the availability of agricultural commodities and products, as well as our operations and results.
	These same possibilities could also create opportunities for our business, in that they could result in a greater demand for our crops grown in unaffected regions, as well as opportunities to leverage our global asset network to meet demand in times of shortages.
	Public policy advocacy We seek to influence public policy on bioenergy through direct engagement with policy makers and participation in the trade associations of FEDIOL, ABIOVE and UNICA, in whose governance we are also active, and we report avoided emissions to the CDP Climate Change program for our low-carbon products: ethanol, biofuel, biomass and bioelectricity.
	<i>Energy use reductions in 2015</i> In 2015, Bunge made good progress in reducing our non-renewable energy use and emissions and in forest protections, and we are on track to accelerate our efforts in these areas. Substantially all of our major industrial facilities are located in the U.S., Argentina and Brazil; 2015 emissions reported to the CDP Climate Change program originated at approximately 100 processing plants, mills, refineries, packaging facilities and fertilizer production facilities.
	Although it takes a great deal of energy to produce and deliver safe, quality products, we have decreased our energy use/MT of production by 4% since 2013, surpassing our goal of a 3% reduction by year-end 2016. We've accomplished this through a variety of energy-efficiency programs across our operating companies and varying energy sources. We also use renewable energy, including sunflower husks and biomass, when possible, and our sugarcane mills in Brazil run on <i>and produce</i> renewable energy. <i>Progress, disclosure and partnerships</i>
	In emissions reductions, we are closing in on our target of a 3% reduction in carbon- and energy-intensity by year-end 2016, reaching 2.8% thus far. Following the global call for a cleaner-energy economy, we are reducing emissions in our facilities and our fleet, including through our membership in the <u>Sustainable</u> <u>Shipping Initiative</u> . Bunge also participates in the European Union Emission Trading Scheme, complying



SDG		BUN	GE RESPONSE			
	with regional legislat Development Mecha	tion and purchasing carbon o anism.	credits in 2015 for pro	jects verifi	ed to the Clean	
DG 13 ake urgent action combat climate nange and its npacts						
	Emissions (in metric	: tons)				_
				2015		
	Direct CO ₂ emission	ns from fuel use in facilities		1.69M m	netric tons	
	Indirect CO ₂ emissi	ons from purchased electric	ity and steam	1.72M m	netric tons	
		ean freight and bunker fuel				
	GHG Emissi	ions (metric tons)*				
		Due due lie a 001 F	UNIT	TOT		
	Greenhouse Gasses	Production 2015 Emission Intensity	Metric tons kgCO2/tons		347,263 17.66	
		ope 1) — total direct emissio			1,694,967 me	tric tons
		ope 2) — total indirect emission (2)			1,729,080 me	
		ensity — intensity ratio			.00008	
		en to calculate ratio			43,483	
					-,	
	Reduction of GHG	emissions — achieved as a d	irect result of initiativ	es	51,912	
	* Bunge collects acti Programme, the IPC Mandatory Greenho	emissions — achieved as a d vity data and calculates Scop C Guidelines for National Gro use Gas Reporting Rule; nat and the Brazilian Ministry of	be 1 and Scope 2 emise eenhouse Gas Invento ional sources such as	sions using pries (2006 the U.S. EP), and the U.S. E A, the Argentin	PA
	* Bunge collects acti Programme, the IPC Mandatory Greenho Secretary of Energy, (GRI G4-EN15-21)	vity data and calculates Scop C Guidelines for National Gro puse Gas Reporting Rule; nat and the Brazilian Ministry o	be 1 and Scope 2 emis eenhouse Gas Invento ional sources such as f f Science and Technol	sions using pries (2006 the U.S. EP	g the Brazil GHG), and the U.S. E A, the Argentin	PA
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	* Bunge collects acti Programme, the IPC Mandatory Greenho Secretary of Energy, (GRI G4-EN15-21) Energy Consumption Scope 1 Natural gas	vity data and calculates Scop C Guidelines for National Gro puse Gas Reporting Rule; nat and the Brazilian Ministry o	pe 1 and Scope 2 emis eenhouse Gas Invento ional sources such as f f Science and Technol (h)* 26,605,014	sions using pries (2006 the U.S. EP	g the Brazil GHG), and the U.S. E A, the Argentin	PA
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	* Bunge collects acti Programme, the IPC Mandatory Greenho Secretary of Energy, (GRI G4-EN15-21) Energy Consumption Scope 1 Natural gas Gasoline Light oil	vity data and calculates Scop C Guidelines for National Gro puse Gas Reporting Rule; nat and the Brazilian Ministry o	pe 1 and Scope 2 emis eenhouse Gas Invento ional sources such as f f Science and Technol /h)* 26,605,014 6,708 22,577	sions using pries (2006 the U.S. EP	g the Brazil GHG), and the U.S. E A, the Argentin	PA
	* Bunge collects acti Programme, the IPC Mandatory Greenho Secretary of Energy, (GRI G4-EN15-21) Energy Consumption Scope 1 Natural gas Gasoline Light oil Diesel	vity data and calculates Scop C Guidelines for National Gro puse Gas Reporting Rule; nat and the Brazilian Ministry o	the 1 and Scope 2 emiseenhouse Gas Inventorional sources such as formation of the second seco	sions using pries (2006 the U.S. EP	g the Brazil GHG), and the U.S. E A, the Argentin	PA
	* Bunge collects acti Programme, the IPC Mandatory Greenho Secretary of Energy, (GRI G4-EN15-21) Energy Consumption Scope 1 Natural gas Gasoline Light oil Diesel Fuel oil/heavy oil	vity data and calculates Scop C Guidelines for National Gro puse Gas Reporting Rule; nat and the Brazilian Ministry o	pe 1 and Scope 2 emis eenhouse Gas Invento ional sources such as f f Science and Technol /h)* 26,605,014 6,708 22,577	sions using pries (2006 the U.S. EP	g the Brazil GHG), and the U.S. E A, the Argentin	PA
	* Bunge collects acti Programme, the IPC Mandatory Greenho Secretary of Energy, (GRI G4-EN15-21) Energy Consumption Scope 1 Natural gas Gasoline Light oil Diesel	vity data and calculates Scop C Guidelines for National Gro ouse Gas Reporting Rule; nat and the Brazilian Ministry or n (Scope 1 and Scope 2, MW	the 1 and Scope 2 emiseenhouse Gas Inventorional sources such as formation of the second sources and Technol 26,605,014 6,708 22,577 265,594 77,920	sions using pries (2006 the U.S. EP	g the Brazil GHG), and the U.S. E A, the Argentin	PA
	* Bunge collects acti Programme, the IPC Mandatory Greenho Secretary of Energy, (GRI G4-EN15-21) Energy Consumption Scope 1 Natural gas Gasoline Light oil Diesel Fuel oil/heavy oil Shale oil	vity data and calculates Scop C Guidelines for National Gro ouse Gas Reporting Rule; nat and the Brazilian Ministry of n (Scope 1 and Scope 2, MW	pe 1 and Scope 2 emis eenhouse Gas Invento ional sources such as f f Science and Technol (h)* 26,605,014 6,708 22,577 265,594 77,920 0	sions using pries (2006 the U.S. EP	g the Brazil GHG), and the U.S. E A, the Argentin	PA
	* Bunge collects acti Programme, the IPC Mandatory Greenho Secretary of Energy, (GRI G4-EN15-21) Energy Consumption Scope 1 Natural gas Gasoline Light oil Diesel Fuel oil/heavy oil Shale oil Liquefied petroleur	vity data and calculates Scop C Guidelines for National Gro ouse Gas Reporting Rule; nat and the Brazilian Ministry of n (Scope 1 and Scope 2, MW	th)* 26,605,014 6,708 22,577 265,594 77,920 0 86,999	sions using pries (2006 the U.S. EP	g the Brazil GHG), and the U.S. E A, the Argentin	PA
	* Bunge collects acti Programme, the IPC Mandatory Greenho Secretary of Energy, (GRI G4-EN15-21) Energy Consumption Scope 1 Natural gas Gasoline Light oil Diesel Fuel oil/heavy oil Shale oil Liquefied petroleur Wood or wood was	vity data and calculates Scop C Guidelines for National Gro ouse Gas Reporting Rule; nat and the Brazilian Ministry of n (Scope 1 and Scope 2, MW m gas (LPG) ste	pe 1 and Scope 2 emis eenhouse Gas Invento ional sources such as f f Science and Technol (h)* 26,605,014 6,708 22,577 265,594 77,920 0 86,999 6,214,349	sions using pries (2006 the U.S. EP	g the Brazil GHG), and the U.S. E A, the Argentin	PA
	* Bunge collects acti Programme, the IPC Mandatory Greenho Secretary of Energy, (GRI G4-EN15-21) Energy Consumption Scope 1 Natural gas Gasoline Light oil Diesel Fuel oil/heavy oil Shale oil Liquefied petroleun Wood or wood was Seed hulls	vity data and calculates Scop C Guidelines for National Gro ouse Gas Reporting Rule; nat and the Brazilian Ministry of n (Scope 1 and Scope 2, MW m gas (LPG) ste	pe 1 and Scope 2 emise penhouse Gas Inventor ional sources such as f f Science and Technol /h)* 26,605,014 6,708 22,577 265,594 77,920 0 86,999 6,214,349 2,497,877	sions using pries (2006 the U.S. EP	g the Brazil GHG), and the U.S. E A, the Argentin	PA
	* Bunge collects acti Programme, the IPC Mandatory Greenho Secretary of Energy, (GRI G4-EN15-21) Energy Consumption Scope 1 Natural gas Gasoline Light oil Diesel Fuel oil/heavy oil Shale oil Liquefied petroleur Wood or wood was Seed hulls Other primary solic	vity data and calculates Scop C Guidelines for National Gro ouse Gas Reporting Rule; nat and the Brazilian Ministry of n (Scope 1 and Scope 2, MW m gas (LPG) ste	pe 1 and Scope 2 emise pe 1 and Scope 2 emise pe 1 and Scope 2 emise penhouse Gas Inventor ional sources such as f f Science and Technol /h)* 26,605,014 6,708 22,577 265,594 77,920 0 86,999 6,214,349 2,497,877 3,182,800	sions using pries (2006 the U.S. EP	g the Brazil GHG), and the U.S. E A, the Argentin	PA
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		BUNGE RESPONSE		
	Scope 2			
SDG 13	Electricity			
Take urgent action	Breakdown of consumption (joules, watt-hours or multiples for electricity, heating, cooling, steam)			
to combat climate change and its impacts	Consumed energy purchased			
	Total electricity sold			
	Total electricity			
	Steam			
	Purchased		1,194,514	
	Total Indirect Energy Consumption		3,386,044	
	* Bunge collects activity data and calculate	s Scope 1 and Scope 2 emissions us	ing the Brazil GHG Protoco	
	Programme, the IPCC Guidelines for Nation	nal Greenhouse Gas Inventories (20	06), and the U.S. EPA	
	Mandatory Greenhouse Gas Reporting Rule	e; national sources such as the U.S.	EPA, the Argentine	
	Secretary of Energy, and the Brazilian Mini	stry of Science and Technology; and	local sources.	
	Energy Consumption by Source			
		2015		
	Direct energy consumption	74,209,876		
	Sugarcane waste	72.7%		
	Natural gas			
	Wood	14.2%		
	Seed hulls	5.7%		
	Coal			
	Coal Other primary biomass	7.3%		
		7.3%		
	Other primary biomass	7.3% .2%		
	Other primary biomass Other			
	Other primary biomass Other			
	Other primary biomass Other	.2%		
	Other primary biomass Other Ethanol	.2% 2015		
	Other primary biomass Other Ethanol Indirect energy consumption	.2% 2015 3,386,044		
	Other primary biomass Other Ethanol Indirect energy consumption Electricity	.2% 2015 3,386,044 65%		
	Other primary biomass Other Ethanol Indirect energy consumption Electricity	.2% 2015 3,386,044 65%		
	Other primary biomass Other Ethanol Indirect energy consumption Electricity	.2% 2015 3,386,044 65% 35%		



SDG	BUNGE RESPONSE
	HOW WE CONSERVE: Sustainable Agriculture
SDG 15	We are committed to eliminating deforestation from all of our agricultural supply chains worldwide, and
Protect, restore and promote	are now developing implementation plans for necessary crop- and region-specific solutions. In addition,
sustainable use of	we disclosed to the CDP Forests program for the first time in early 2016, as part of our recent policy
terrestrial	dedicated to the mitigation of deforestation in our supply chains. [see our commitment at http://www.bunge.com/citizenship/sustainable.html]
ecosystems, sustainably manage	http://www.bunge.com/clizensnip/sustainable.ntmj
forests, combat desertification, and	
halt and reverse	
land degradation and halt biodiversity	
loss	Palm Oil
	Palm oil is the most widely used vegetable oil in the world, used by many companies as an alternative to
	hydrogenated vegetable oils, whose use is now restricted due to the health concerns related to the trans
	fatty acids those oils contain. In growers' efforts to produce more palm seeds for global markets,
	important ecosystems have been converted to oil palm plantations.
	The protection of forests and peat land within the palm oil industry, notably the protection of high-
	conservation value (HCV) and high-carbon-stock (HCS) forests, is critical for minimizing greenhouse gas
	emissions, combating climate change and preserving habitats and biodiversity. While progress is being
	made in palm traceability and forest and peat protection, achieving full traceability for palm oil in Asia
	remains an industry-wide challenge.
	Our Global Palm Oil Sourcing Policy, first implemented in 2014, calls for:
	Eliminating deforestation from our agricultural supply chains worldwide, employing tested methodologies that incompare and his diversity protoctions
	 methodologies that incorporate carbon and biodiversity protections Respecting local and indigenous community rights and applying free, prior and informed consent
	• Respecting local and indigenous community rights and applying free, prior and informed consent for land purchases and use
	• Enhancing the traceability and transparency of key supply chains over time, aiming for 100%
	traceability to the mill in countries or areas of countries in which this has not yet been achieved
	 Engaging directly with suppliers on the ground to close gaps and implement transformational
	 projects Creating a grievance process whereby our stakeholders can raise any concerns or issues related
	to our Policy
	 Launching a supplier-qualification and -evaluation process
	 Publicly disclosing progress on our efforts
	Bunge' existing global labor policy prohibits forced and child labor and protects freedom of association.
	Bunge existing global labor poincy prohibits forced and child labor and protects freedom of association.
	Looking ahead
	By 2017, we aim to reach 100% traceability for palm oil in our Europe, North America and South America
	businesses; begin issuing regular traceability updates for global operations; and ensure our palm oil
	grievance mechanism is fully operational.

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SDG	BUNGE RESPONSE
	Going forward, we will work with The Forest Trust to close palm traceability and policy gaps in our supply
	chain and further enhance our public reporting and grievance mechanism. And, in those regions and
SDG 15	countries that are lagging behind throughout our industry, we aim to replicate recognized best practices
Protect, restore and	in palm traceability.
promote sustainable use of	
terrestrial	The Forest Trust (TFT) is an international nonprofit that helps transform commodity supply chains by
ecosystems,	guiding companies through policy creation, source mapping, action on the ground and verification. Bunge
sustainably manage	joined TFT in 2015, committing to measurable progress in respecting people and nature in our palm oil,
forests, combat desertification, and	sunflower oil and soy supply chains. (GRI-G4 16)
halt and reverse	
land degradation	Progress in 2015/2016
and halt biodiversity loss	In 2015, we mapped and improved the traceability of our palm oil, achieving a 93% traceability to the mill
	average rate for Europe, North America and South America, and a 67% overall rate in the last quarter.
	Rates were similar or improved for the first and second quarters of 2016: Europe and the Americas rose
	to between 95% and 98%, while Asia remained a challenge with 41% traceability to the mill due to local
	market particularities and the industry's origination and trading model. We are working on these
	challenges to enhance our traceability pattern.
	CONSERVE: Environment Environmental stresses such as freshwater limits and climate unpredictability have intensified, making it
	necessary for agribusiness and food companies to better manage environmental performance within their
	operations and supply chains.
	In addition to adhering to our Environmental Policy. Runge has been preastively advancing our
	In addition to adhering to our Environmental Policy, Bunge has been proactively advancing our
	management of water, emissions, energy use and waste, exceeding three of our four goals in these areas
	in 2015, ahead of schedule. Adding additional targets, our Environmental Working Group has developed
	more ambitious goals for these environmental priorities for 2017 and beyond.
	We measure environmental performance in our factories and production centers. Silos and ports, whose
	impact is marginal, are not included. This year, we are reporting on the progress made against our 2014–
	2016 environmental goals and setting the stage for our expanded efforts over the coming decade.
	A partnership with the NGO TNC is in place in Argentina, where Bunge supports the project on
	regenerative investment in natural assets, carried out in the Southeast of the Province of Buenos Aires.
	The project goal is to develop and apply an agronomic, financial and commercial model that allows rural
	actors from that region to generate a normal farm income, by sustainably improving the natural assets
	and the ecological functions of their land and of the region, and the rural social fabric.



SDG	BUNGE RESPONSE
	Transparency
SDG 17 Strengthen the means of implementation and	Bunge is considered to be a good partner by stakeholders within our value chains, a professional team with whom organizations can engage in dialogue around sustainability. We are respected for being honest about what we are doing and for reporting our progress in sustainability in a balanced way.
revitalize the global partnership for sustainable development	Public Reporting We publicly disclose our efforts and progress through several sustainability reporting mechanisms, including through the Global Reporting Initiative (GRI) framework at the global and regional levels, as in this report, and through CDP programs.
	Sustainability reports Bunge issued our first global edition of a Citizenship report in 2008. In 2011, we launched our Citizenship website. Bunge's 2014 Citizenship Report was our first GRI-based report at the global level, and this year's Global Sustainability Report is our first global report in compliance with the Core indicators of the GRI G4 framework.
	We have been reporting on sustainability at the regional level longer: <u>Bunge Brazil</u> released its thirteenth report this year — its third GRI Comprehensive report. And <u>Bunge Southern Cone</u> , which has been reporting on its performance since 2009, published a GRI G4–based report for operations in Argentina, Uruguay, Paraguay and Bolivia this year. (GRI-G4 27)
	<i>CDP programs</i> & <i>the CEO Water Mandate</i> Bunge also discloses its sustainability performance to three CDP programs: CDP Water, CDP Climate Change and, for the first time in 2016, CDP Forests. 2015 was the fourth consecutive year, in fact, that we disclosed information to the CDP Water program. In 2015, we also became a signatory to the <u>CEO Water</u> <u>Mandate</u> .
	<i>Charters and Principles</i> Bunge belongs or is a signatory to several charters and principle frameworks, including the <u>UN Global</u> <u>Compact</u> and Brazil's Soy Moratorium.
	Member Organizations Bunge is a member of the following organizations, all of which are working toward a more sustainable agribusiness and food industry. Bunge's board and council participation in these organizations is noted where applicable.
	ABIOVE (Brazilian Association of Vegetable Oils Industries), Council participation
	Bonsucro, Board participation (2013–2016); chair in 2015/16
	FEDIOL (Federation representing the European Vegetable Oil and Protein meal Industry in Europe), Board
	participation; presidency in 2016
	Field to Market*



SDG	BUNGE RESPONSE
	New Vision for Agriculture: founding partner, partner companies are collectively working toward a 20%
	improvement in agricultural food chain performance across 18 countries in Africa, Asia and Latin America
SDG 17	in each decade leading up to 2050.
Strengthen the means of	
implementation and revitalize the global	Sustainable Shipping Initiative
partnership for	The Forest Trust: transforms commodity supply chains by guiding companies through policy creation,
sustainable development	source mapping, action on the ground and verification. Bunge joined TFT in 2015, committing to
	measurable progress in respecting people and nature in our palm oil, sunflower oil and soy supply chains.
	(GRI-G4 16)
	UNICA, Council participation
	World Business Council on Sustainable Development (WBCSD)
	*Founding member
	Participation in global forums and debates
	Another important way in which Bunge engages with stakeholders is through active participation in global
	public events, in addition to local opportunities:
	 Aspen Institute's Food Security Strategy Group (FSSG) annual meetings, 2013–2015
	 Bonsucro Week 2015, Sao Paulo — "Inform, Improve, Inspire" — attended by producers,
	industry, trade and NGOs. Bunge's Michel Santos, then chair of Bonsucro, opened the
	conference by calling for an accelerated transformation of the sugarcane industry in the next few years.
	 Soy Traders Meeting, Miami, Florida, 2016 – Bunge participated in the "Anticipated Challenges
	for Soy Expansion, Deforestation and Policy Developments for Latin America" discussion,
	organized by the World Wildlife Federation and Conservation International, together with the
	International Finance Corporation (IFC)
	 Innovation Forum, Washington, D.C., 2016 – In the "How Business Can Tackle Deforestation"
	discussion, Bunge weighed in on transferable lessons from the Soy Moratorium for other
	 commodities. IFC's LAC Climate Business Forum 2016, Bogotá, Colombia – Bunge participated in the "Threats
	and Opportunities Posed by Climate Change on Agribusiness" panel discussion.
	 World Bank Strategies Workshop, Bogotá, Colombia, 2016 — Bunge participated in the
	"Developing a Common Methodology for Landscape Conservation in Latin America" discussion
	with other invited companies and NGOs.