Realtime Deforestation 16 Monitoring System



Soy and cattle supply chains Amazon and Cerrado Biomes - Brazil



environment

Aidenvironment develops **Realtime Deforestation Monitoring (RDM)** reports to engage companies and urge action towards real-time deforestation events, as well as to support civil society and financial sector stakeholders in their efforts to halt deforestation linked to commodity production and trade. In Brazil, the recent increase in deforestation rates is mainly linked to the expansion of Soy and Cattle production within the Amazon and Cerrado biomes.

The RDM 16 report of September 2023 highlights 10 cases linked to the cattle and soy supply chains in the Cerrado and Amazon biomes. The 10 cases present 20,165 hectares of deforestation and 431 fire alerts in Mato Grosso, Piauí, Bahia, Tocantins and Maranhão states. The cases cover deforestation alerts detected in August 2023, with visually confirmed deforestation events between June 2022 and August 2023.

Together with the confirmed cleared area of native vegetation, the RDM also estimates the linked CO_2 emissions (above-ground carbon emissions) according to vegetation type. The 10 cases of the RDM 16 report represent an emission of 2,6 million tons of CO_2 .

The **European Union Deforestation Regulation** (EUDR) entered into force in June 2023, and this RDM report shows potentially non-compliant cases in the Amazon biome.

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Property							
Fazenda Promissão III (SIGEF) / Fazenda São José, Santa Ana, Santa Catarina (CAR, not validated)							
Porto Alegre do				Amazon	biome		
MT-5106778-4 CAR: MT-5103353-		0493CA99210	,	SIGEF/SNCI:	9011801044691		
Area property (ha):	2,920		es property:	-10.56059, -52	.03118		
		Cleare					
Coordinates clea			-10.5	596, -52.0346			
438 96,681	hectares tons of CO ₂	period cle	arance	lan to	Aug 2023		
65	fires alerts	period cie		Jan to	Aug 2023		
Inside Forest Code's protected areas:	No	-	-				
Type of vegetation:	ed Savanna	Priority for B	iodiversity Cons	servation:	Extremely high		
Conservation area(s) (-			
Indigenous Territories	(overlapping o	r bordering):		-			
Imagery: limits of the p	roperty (greer	n), limits of the	e cleared area	(red)			
January 2023			Augus	st 2023			
Fource: Imagery @2022 Planet Labs Inc			Force: Imager	y 2023 Planet Jabs Inc.			
Suite iniger y 2023 Pare Zaus inc.							

					1.6	la a unita mana		
			1		l fines and em			
Embargoes: Yes for illegal			-			Catarina (linked to Everaldo),		
			clearance of native vegetation in 2021					
Environ	montal				rom SEMA-MT	-		
fine		res	clearance	of 58 ha of	native vegetat	ion in Fazenda	unknown	
	25.		Santa Cat	arina (linkec	l to Everaldo) i	n 2021		
			Ow	nership and	other linked p	roperties		
0	un europhine	0	Sarah de Olive	ira, Marcos	Antonio Boave	ntura (SIGEF) / I	Everaldo Peres Domingues	
0	nership:		J	unior, Ana R	osaria Medeir	os Peres (CAR, n	ot validated)	
_		Lin					nentos (Terezópolis de Goiás	
Comp	oany group:					GO)	、 · ·	
		2	linked propert	ies to Evera	Ido and Ana R	osaria, totalling a	at least 3,320 ha. Bordering	
Linked	d properties:					-	nhora Aparecida (3,320 ha).	
				-			io (unknown area)	
		1			ly chain links			
Ma	in Commodi	ties		Capp	-	ef and Soy		
					D	-		
			nk, level of ce	rtainty, and	Yes	High /	Bunge / JBS	
soy tra	ider/ beef p	rocesso	or		100	Medium		
		Amag	gi [potential lin	k removed]: "	No commercial re	lationship was ident	ified between AMAGGI with the	
Compa	nies' reply	menti	oned property aft	er the deforest	ation."			
oompa	nico reply				ntial link remove	d]: "In 2023, LDC d	id not receive products from the	
		listed	producers and C	ARs."				
	Warehou	ises (5)	0 km radius)				Dreyfus and 1 from Amaggi	
				Fazenda Santa Catarina I and II, and Fazenda II Irmãos II, suplied				
Soy	Cumplus	hain lin	nks & details: soy to Amaggi in São Félix do Xingu (MT) in 2018, to Louis					
	Supply c	nain iin	iks & details:	in Confresa (MT) in 2019, and to Agrícola Alvorada (retaled to				
				Bunge) in Confresa (MT) in 2020				
				A linked property to Everaldo, Fazenda Promissão (Confresa - MT),				
				indirectly supplied JBS (Confresa - MT) in 2018, through Fazenda				
				Brahma (São José do Xingu - MT), operated by Ivonei Vilela				
	-		s (sourcing	Medeiros. A linked (unknown) property to Ana Rosaria in Confresa				
	from the	munic	ipality)				through an unknown	
							-	
				property operated by Robisson Eugênio Dorner in Ipiranga do Norte (MT)				
Beef				· · /	property to Eve	raldo Fazenda	Promissão (Confresa - MT),	
							n 2018, through Fazenda	
				-			_	
	Supply o	hain lin	ks & details:	Brahma (São José do Xingu - MT), operated by Ivonei Vilela Medeiros. A linked (unknown) property to Ana Rosaria in Confresa				
	Supply C		no a ucialio.				through an unknown	
							Dorner in Ipiranga do Norte	
					operated by R	JUISSOIT EUgeIIIO	Domer in ipitaliga do Norte	
Oth co		nlinke	and data lar	(MT)				
Uther	supply chai	II IIIIKS	and details:	-				
		1			ral comments			
							of 951 ha of native	
-			-		-		t "Junior"), probably a	
relative to Everaldo, is secretary of Coagril, a cooperative of crop producers in Unaí (MG) (2). Besides								
Fazenda Santa Catarina I e II, Fazenda II irmãos II e III (750 ha) and Fazenda São José (1,588 ha), the Peres								
-			-				a Medeiros Peres and	
		-				-	other, totalling 5,570 ha:	
							a - Matrícula 17.223 (961	
				d Fazenda N	lossa Senhora	do Carmo (14,9	9 ha) (1)	
(1) <u>http</u>	<u>s://geoporta</u>	l.sema.r	<u>mt.gov.br/</u>					
(0) 644	(2) https://coogstil.coop.br/web.content/webcade/2021/02/DELATORIO ANUAL COACEU 2020 M/EB.pdf							

(2) https://coagril.coop.br/wp-content/uploads/2021/03/RELATORIO-ANUAL-COAGRIL-2020-WEB.pdf

Property							
Fazenda Rar	Fazenda Rancharia, Fazenda Três Irmãos, Fazenda Mariana						
Bom Jesus do Araguaia, I	Mato Grosso	osso Amazon biome					
(validated, where CAR: B9DEEBF76FA24962A1	deforestation falls), M 2B50FDAD8B1FF6 (u	F4BD7A9B2D9E2B7AA5B89 ation falls), MT-5101852- AD8B1FF6 (under analysis), MT- 6A498F97CE834F79B (under ysis)					
Area property (ha): 10,0	20 Coordina	ates property:	-12.11047, -51	98923			
	Cleared	d Area					
Coordinates clearance:		-12.1031	., -52.0005				
965 hecta	ires						
405,398 tons of	FCO ₂ period clea	arance:	Jun to Aug 2023				
- fires a	lerts						
Inside Forest Code's No)						
Type of Montane Ser vegetation: Deciduous Seas Forest		Priority for Biodiversity Conservation: No					
Conservation area(s) (overlapp	oing or bordering):		-				
Indigenous Territories (overlap	ping or bordering):		-				
Imagery: limits of the propert June 2023	ty (green), limits of t	he cleared area (n August 2023	red)				

Source: Imagery ©2023 Planet Labs Inc.

Source: Imagery ©2023 Planet Labs Inc.

			En	vironmen <u>tal</u>	fines and emb	oargoes		
Emba	rgoes:	No	-					
	nmental es:	Yes (other links)	vegetation	-	ice of 620 ha Bom Jesus (Bo		BRL 4,650,000	
			Owi	nership and o	other linked p	roperties		
	Ownersh	ip:	Antônio Biz	zarro da Nave	e Neto (Femat	o Agropecuária)		
Co	mpany g	roup:	Femato Ag	ropecuária, A	MF São Paulo	o Holding, ANN Pa	rticipações	
Lin	ked prop	erties:	Meu II (410) ha). In Bom	-	guaia (MT): Fazer	azaré (MT): Fazenda Sonho da Bom Jesus (unknown	
				Suppl	y chain links			
Mai	in Comm	odities			Be	ef and Soy		
	ned supp ler/ beef	-	link, level of ce sor	rtainty, and	Yes	Medium	JBS, Bunge	
Companies' reply The set of the			record of the su Loreno Busnello MT unit and me	pplier Willian I o, [], slaughte t all the criteri ed its operation O."	Raimundo dos S ered for the last a of the commit as at the Nova X	Santos. Fazenda Sa time in October 20	istory of slaughter. There is no nta Clara, owned by supplier 19 at the Nova Xavantina – company at the time. Marfrig ato Grosso state) in	
Soy			inks & details:	A linked property, Fazenda União (Bom Jesus do Araguaia - MT) supplied soy to Agrícola Alvorada (related to Bunge) in Querência				
	-		ses (sourcing cipality)	(MT) in 2019 Bom Jesus do Araguaia (MT) supplies cattle to 5 different meatpackers, including: JBS (Confresa - MT, Barra do Garças - MT, Água Boa - MT), and Marfrig (Paranatinga - MT, Nova Xavantina - MT)				
Beef	Beef Supply chain links & details:		Antônio Bizarro da Nave Neto indirectly supplied to JBS (Água Boa - MT) in 2018 and 2019 through Fazenda Pai Eterno (Ribeirão Cascalheira - MT), operated by Willian Raimundo dos Santos. Indirectly supplied JBS (Barra do Garças - MT), Marfrig (Nova Xavantina - MT and Paranatinga - MT), in 2018 and 2019 through Fazenda Santa Clara (Querência - MT), operated by Loreno Busnello					
Other supply chain links and details:								
				Gener	al comments			
General comments The property, Fazenda Rancharia, is linked to horse breeding (1). Fazenda Rancharia has active authorizations for forest exploitation and clearance of 982 ha of native vegetation, valid until December 2026 (2). The same area has an AUTEX linked to a Sustainable Forest Management Plan (SFMP) valid until December 2023 (2). As an SFMP is supposed to keep the area with forest cover through a selective logging strategy, the same area is not expected to have authorization for clearance of native vegetation issued after								

the AUTEX. The Public Prosecutors of Mato Grosso are prosecuting Antônio Bizarro da Nave Neto for labour crimes (3), and he is being investigated in a Federal Public Prosecutor's process from 2021 for the suspicion of crimes such as tax evasion, money laundering and irregularities in the cattle trade (4).

- (1) <u>https://www.mbaleiloes.com.br/Animal.asp?IDAnimal=86031&IDLeilao=1075</u>
- (2) <u>https://geoportal.sema.mt.gov.br/</u>
- (3) <u>https://transparencia.mpmt.mp.br</u> (process number 000039-101/2021 under legal confidentiality)
- (4) https://transparencia.mpmt.mp.br/includes/simpweb-det-view.php?action=consultar&protocolo=001113-078/2016

	Property						
Fazenda	Santo Expec	lito (Lote 01)	, Fazenda Santo Antônio (Lote 02)				
Itanhanga	á, Mato Grosso			Amazon biome			
		1542- 6A45C783787 DA999B61EFFF		SIGEF/SNCI: 9010750373117, 9500331299419			
Area property (ha):	1,959	Coordinates		-12.04939, -56.65763			
Ocerdinates ales		Cleare		10.0010 50.000			
Coordinates clea			-	12.0642, -56.6602			
652	hectares						
359,128	tons of CO ₂	period cle	arance:	Mar to Aug 2023			
94	fires alerts						
Inside Forest Code's protected areas:	Yes	652	ha inside	declared Legal Reserve and APP			
	ntane Semi Ious Seasonal Forest	Priority for E	Biodiversity	Conservation: Very high			
Conservation area(s)	(overlapping or	r bordering):		-			
Indigenous Territories	(overlapping o	r bordering):		-			
Imagery: limits of th	e property (gr	een), limits of	the cleare	ed area (red)			
March 2023	et Labs Inc.			<image/> <image/> <image/> <image/>			
Fires July 2023							

			En	vironmental	fines and emb	oargoes			
Emba	rgoes:	Yes	several embargoed areas in Fazenda Santo Antônio for illegal deforestation in July 2023						
	nmental es:	Yes	Santo Anto 2023 and	3 fines for not complying with embargoes in Fazenda Santo Antonio and Fazenda Santo Expedito: 2 in April 2023 and 1 in July 2023, both in the name of Jair Paulo Vergutz					
			Owr	nership and (other linked p	roperties			
	Ownersh	ip:			Antônio Morer Iaurício Catap		Paulo Vergutz) / Luciano		
Co	mpany g	roup:			-		União do Sul - MT), Vagel tes (Sorriso - MT)		
Lin	ked prop	erties:	No other li	nked proper	ties found				
				Suppl	y chain links				
Mai	n Comm	odities				Soy			
		ly chain lin processoi	k, level of ce	rtainty, and	Yes	Low	Bunge		
Cor	mpanies' I	reply			noved] "No comr after the defores		vas identified between AMAGGI		
Soy	Wareh	ouses (50	km radius)	55 wareho	ouses including	g 1 from Bunge a	and 1 from Amaggi		
	Supply	chain link	s & details:	-					
Beef	-	iterhouses ne municip		Itanhangá (MT) supplies cattle to 5 different meatpackers, including: JBS (Diamantino - MT, Juara - MT)					
	Supply	[,] chain link	s & details:	-					
Other	supply cl	nain links a	and details:	-					
				Gener	al comments				
A small part of the area has a CAR registration under analysis by SEMA MT in the name of Daiane Cyrino da Silva Cattapan and Marcelo Cattapan, not where the deforestation falls. The rest of the property does have CAR declaration in the federal system but not in the SEMA - MT geoportal (1). The property Fazenda Santo Antônio (Lote 2) has recent embargoes and environmental fines by SEMA under the name of Jair Paulo Vergutz, which indicates that he might be the operator of the area. Jair is active in cattle breeding, as one of the fines is linked to the illegal clearance of native vegetation for pasture. Jair has been involved in a court case for environmental crimes since 2022 (2), but he claims that he sold the property to the Cattapan (or Catapan) family in 2020.									

Property							
Fazenda Orobo Badejo e Sítio							
Alto Parna	aíba, Maranhão)		Cerrado	biome		
		D477984A8D9 DC471880977F		SIGEF/SNCI:	1140140004502		
Area property (ha):	3,970	Coordinate	es property:	-9.42280, -46.015	521		
		Cleare					
Coordinates clea			-9.4	061, -46.0114			
1,015	hectares	-					
123,894	tons of CO_2	period cle	arance:	Jan to A	ug 2023		
13	fires alerts						
Inside Forest Code's protected areas:	Yes	70	ha inside dec	lared Legal Reserv	e		
Type of vegetation: Forest	ed Savanna	Priority for B	liodiversity Con	servation:	Extremely high		
Conservation area(s)	(overlapping o	r bordering):		-			
Indigenous Territories	s (overlapping o	or bordering):		-			
Imagery: limits of th January 20		een), limits of	the cleared an August 20				

	Environmental fines and embargoes								
Embar	rgoes:	No	-						
Environ fine		No	-						
			Owr	nership and o	other linked pr	operties			
(Ownersh	ip:	Zenil Caeta	ano Zacarias	, Antônio Carl	os Zacarias			
Cor	mpany gi	roup:	No linked	companies fo	ound				
Link	ed prope	erties:	No other li	nked propert	ies found				
				Suppl	y chain links				
Mair	n Commo	odities				Soy			
		y chain lir processo	nk, level of ce r	ertainty, and	Yes	Low	Bunge		
Soy	Wareh	ouses (50	km radius)	8 warehou	ses including	1 from Bunge			
009	Supply	chain link	s & details:	-					
Beef Slaughterhouses (sourcing from the municipality)			Alto Parnaíba (MA) supplies cattle to 4 different meatpackers in Alto Paranaíba, Benedito Leite, Itambém, and Mamamguape, all in Maranhão						
Ī	Supply	chain link	s & details:	-					
Other s	supply ch	ain links a	and details:	-					
				Genera	al comments				
decease year, Am Paraná" of Fazen murdere police (3 his wife registrat	ed in 202 tônio Ca for land nda Orob ed in 202 3). In 202 Maria Ar tions of t no de So	21 (1). The rlos Zacar invasion a ó then oc L9, but the L4, Antôni nélia Tele he two fai uza. In the	e boundaries rias sued Luis and illegal de cupied by Lu e crime was i o Carlos Zac s Fonseca S rms at the re	of Fazenda (s Antônio Car eforestation. uis Antônio Ca unrelated to arias sold Fa ouza (4). In N gistry office,	Orobo were co nuto Carvalho In 2017, the I anuto Carvalh land disputes, zenda Orobó March 2023, ti benefiting the	ontested in Cour and a business Maranhão court o and Chico Par , according to th and Sítio to Bela he Maranhão co e current owner	to Zenil Caetano Zacarias, rt in 2011. In this same sman known as "Chico is ordered the repossession raná (2). Chico Paraná was he investigation by local armino Prado de Souza and burts agreed to unblock the of the properties, ess from 2011 has already		

- (4) https://www.jusbrasil.com.br/jurisprudencia/tj-ma/1315677950/inteiro-teor-1315677951
- (5) https://www.jusbrasil.com.br/jurisprudencia/tj-ma/1315677950/inteiro-teor-1315677951
- (6) https://dadosabertos.ibama.gov.br/dataset/?q=auto+de+infra%C3%A7%C3%A3o
- (7) Undisclosed information

		Prop	erty			
Fazendas Serra Branca e Sucuruju						
Balsa	s, Maranhão			Cerrado bi	iome	
CAR: 222239/	MA-2101 A0B5AC4D718/	L400- A76AE80260D:	LB58	SIGEF/SNCI:	1610630280105	
Area property (ha):	9,328	Coordinates	property:	-8.909	41, -46.88632	
		Cleare				
Coordinates clea	rance:			-8.9166, -46.8706	j	
591	hectares					
29,536	tons of CO_2	period cle	arance:	Apr	to Jul 2023	
11	fires alerts					
Inside Forest Code's protected areas:	No					
Type of Wood vegetation:	ed Savanna	Priority for E	Biodiversity	Conservation:	Extremely high	
Conservation area(s)	(overlapping o	r bordering):		-		
Indigenous Territories	s (overlapping o	or bordering):		-		
Imagery: limits of th	e property (gr	een), limits of	the cleare	d area (red)		
April 2023		August 2023	as Inc.	Sour		

		E	nvironmen	tal fines and e	embargoes			
Embarg	nbargoes: No -							
Environn fine	Yes	vegetation Santa Filo Branca (Ba Baixão Feo	At least 4 environmental fines for clearance of native vegetation without proper authorization: 1 for 150 ha in Santa Filomena, in 2000; 1 for 1,737 ha in Fazenda Serra Branca (Balsas - MA), in 2006; 1 for 148 ha in Fazenda Baixão Fechado (Santa Filomena - PI), in 2009; and 1 for 386 ha in Fazenda Ponta da Serra (Balsas - MA), in 2011					
		Öv	vnership ar	nd other linke	d properties			
(Ownership:	Serra Brar	ica Imobiliá	iria e Agropec	uária Ltda			
Cor	mpany group:	Serra Branca Imobiliária e Agropecuária is registered in São Paulo, having real state as a primary activity. The company is linked to Raffaella Naccarella Bernini Enzo Fabricio Casciello, and Euclides de Carli. Another linked company is Bravo Empreendimentos Imobiliários, linked to Raffaella and Enzo and also linked to						
Link	ed properties:	5,966 hec Marcos (9 Euclides d (9,377 ha Tagi (2,57 Fazendas (1,805 ha Fazenda C Riachão (N Fazenda P	tares. In Ba 2 ha), Faze e Carli, tota I, Fazenda I 9 ha), Faze Novas e Ou I, Fazenda (ristalina (3 IA): Fazenc onta da Se	alsas (MA): Fa nda Santa Ed Illing 50,712 Primavera (1, nda Zodorica Itras (4,996 h Gleba Serra (3 ,611 ha) and la Chapadinha rra (2,798 ha	zenda Riacho d wiges (5,807 ha ha. In Santa Filo 126 ha), Fazeno (413 ha), Fazeno (413 ha), Fazeno (363 ha), Fazeno Fazenda São Fi a Primeira do N	e Areia (6 a). 16 oth omena (P da Salto (nda Belo aíba (MA) da Altamin rancisco (orte (440): Fazenda	17,785 ha); in) ha); in Balsas (MA): a Telha (1,007 ha); in	
			Su	pply chain linl	s			
Mair	n Commodities	3			Soy			
	ied supply cha r trader/ beef p	in link, level of o processor	ertainty,	Yes	-		-	
Soy	Warehouses	(50 km radius)	companie				torage asil, Agrinvest Brasil,	
	Supply chain details:	links &	-					
Beef	from the mu		Balsas (M Maranhão		attle to 24 diffe	rent mea	tpackers, all in	
	Supply chain details:		-					
Other s	upply chain lin	ks and details:	-					

General comments

The case is indirectly linked to de Carli as he is one of the owners of Serra Branca Imobiliária e Agropecuária. De Carli is a conceived land grabber (1) who died in June 2019 (2). In May 2015, an investigation by the Federal Public Ministry and the Federal Police of Piauí unveiled a land-grabbing network connected to Euclides de Carli, pointed as the main land grabber in the Matopiba region, controlling over 1 million hectares (3, 4, 5). In 2016, a justice court in Piauí blocked the titles of 124,000 hectares in possession of De Carli (6). De Carli's company, CODECA, also connects to TIAA-CREF investments in Brazil, operated by Radar S/A, a joint venture with Cosan (7, 8). The local Agrarian Court estimates that 300,000 ha of land in Maranhão and Piauí states are linked to De Carli's land-grabbing crimes (9). De Carli is also accused of violence and threats connected to invasions of lands occupied by local communities (1, 8). He is still registered as the owner of 16 companies in Maranhão (10).

(1) <u>https://reporterbrasil.org.br/2018/09/empresario-euclides-de-carli-acusado-mortes-roubo-terras-nordeste</u>

- (2) <u>https://sindag.org.br/galeria_merito/medalha-06-euclides-de-carli-in-memoriam/</u>
- (3) https://www.gp1.com.br/colunistas/deputado-manoel-ribeiro-denuncia-grileiro-e-assassinatos-no-sul-do-maranhao-186258.html
- (4) <u>https://deolhonosruralistas.com.br/2018/02/21/especulacao-com-terras-no-matopiba-deixa-rastros-de-grilagem-e-violacoes-aos-direitos-humanos/</u>
- (5) https://deolhonosruralistas.com.br/2018/09/20/historias-de-grilagem-e-venda-de-terras-publicas-marcam-candidaturas-no-piaui/
 (6) https://cidadeverde.com/noticias/225086/justica-bloqueia-acesso-a-mais-de-124-mil-hectares-do-maior-grileiro-do-piaui
- (7) https://www.nytimes.com/2015/11/17/world/americas/tiaa-cref-us-investment-giant-accused-of-land-grabs-in-brazil.html
- (8) https://chainreactionresearch.com/wp-content/uploads/2020/01/Radar-company-report-2.pdf
- (9) https://jornaldebrasilia.com.br/noticias/brasil/alvo-de-pistoleiros-juiz-faz-cruzada-solitaria-contra-grileiros/

(10) <u>http://www.sintegra.gov.br/</u>

Property						
Fazenda Grotão do Riacho do Meio, Fazenda Barreirinho						
Cocos, Bahia		Cerradobiome				
BA-2908101- CAR: BD45661FA2604C1481C564F 2908101-C6F4AC42D5964AF4A7	344896B34, BA-	SIGEF/SNCI: 3020230000940, 9500257690453				
Area property (ha): 12,623 Co	oordinates property:	-14.56269, -45.10404				
	Cleared Area					
Coordinates clearance:		-14.5806, -45.0716				
8,801 hectares						
1,131,398 tons of CO ₂	period clearance: Dec 2022 to Aug 202					
101 fires alerts						
Inside Forest Code's protected areas: No						
Type of vegetation: Forested Savanna P	Priority for Biodiversity Conservation: Extremely high					
Conservation area(s) (overlapping or bord	lering):	-				
Indigenous Territories (overlapping or bord	dering):	-				
Imagery: limits of the property (green)), limits of the clear	ed area (red)				
December 2022	August 2023					

Source: Imagery ©2023 Planet Labs Inc.

Source: Imagery ©2023 Planet Labs Inc.

Environmental fines and embargoes										
Embai	rgoes:	Yes (other links)	-	1 embargo for illegal clearance of 1,712 hectares in Fazenda Terra Boa (Arinos - MG) in 2018						
Environ fine		Yes (other links)		1 environmental fine for illegal clearance of 1,712 hectares in Fazenda Terra Boa (Arinos - MG) in 2018 BRL 1,712,390						
			Owr	nership and (other linked pi	roperties				
(Ownersh	nip:	Total Proje	tos e Admini	istração Ltda,	Total Empreend	imen	tos Florestais Ltda		
Co	mpany g	group:			s Agrícolas, To Greice Terezi	•	dmini	istração, DJG Buriti		
Linked properties: Terra Boa (Fazenda B ha). In Una Fazenda S			ked properties, totaling 23,000 hectares. In Arinos (MG): Fazenda e Grande Vereda (6,754 ha), Fazenda Extrema do Riachinho e rejo ou Extrema (1,096 ha), Fazenda Ipoeira das Maravilhas (3,812 ií (MG): Fazenda Capim Branco (3.7 ha), Fazenda Buriti (9,407 ha), ítio ou Barreiro (unknown area), Fazenda Tamboril (unknown area). In s (MG): Fazenda Confins (1,932 ha)							
				Suppl	y chain links					
Maii	n Comm	odities				Soy				
		ply chain lin of processor	k, level of ce	rtainty, and	ainty, and No					
Soy	Wareho	buses (50 ki	m radius)	1 warehouse owned by an individual						
SUy	Supply	chain links	& details:	-						
	-	terhouses (s e municipal	-	Cocos (BA) supplies cattle to 9 different meatpackers, including: JBS (Itapetinga - BA)						
Beef	Supply	chain links	& details:	The owner of Total companies, Dirceu Júlio Gatti, has received cattle from different farms in Minas Gerais no links to slaughterhouses						
Other s	Other supply chain links and details:				-					
	General comments									
The property Fazenda Grotão do Riacho do Meio, has active authorization for the clearance of 4,839 hectares valid between September 2022 and October 2025 issued by the Bahia Institute of the Environment and Water Resources (Inema) in the name of Total Projetos e Administração (1). The owner of Total Projetos e Administração and Total Empreendimentos Agrícolas e Florestais, Dirceu Júlio Gatto, is a known producer in Unaí (MG) (2)										
(2) <u>https://www.youtube.com/watch?v=u0qSK5AK8II</u>										

Property									
	Fazenda Taquara Verde								
	Paranating	a, Mato Gross	0		Cerrado	biome			
CAR:	5106307-CE18 D32BC2240 5106307-FF79 D8FE0EA	38F8AB24742 MT-5106 79E44258EC 36721C204E MT-5106 CC43649CBA	 5307- E9B99B7C051F2, MT- 2EBB158A74E2AFE4D9D, 5307- 193AD838D0B0F, MT- 31DB581659AAC2A1F98,		SIGEF/SNCI:	9510218360107, 9510305590402, 8120300899077			
Area	property (ha):	14,190			4334, -54.69099				
			Cleare	d Area					
	Coordinates clea	rance:		-	14.1107, -54.7	124			
	1,410	hectares							
	27,815	tons of CO_2	period clearance: Jun 2022 to May 2023			22 to May 2023			
	-	fires alerts							
Inside Forest Code's protected areas: 500 ha inside declared Legal Reserve and APP									
Type vegeta	Sav	anna Park	Priority for B	iodiversity	Conservation:	Extremely high			
Cons	Conservation area(s) (overlapping or bordering): -								
Indig	Indigenous Territories (overlapping or bordering): Indigenous Territory of Bakairi (Indigenous peop Bakairí)								

Imagery: limits of the property (green), limits of the cleared area (red)

June 2022



Source: Imagery ©2023 Planet Labs Inc.

May 2023



Source: Imagery ©2023 Planet Labs Inc.

Embargoes: Yes 1 embargo by SEMA for illegal clearance of 5,9 ha of native vegetation in October 2021 in Fazenda Taquara Verde II (Nelson Padovani) Environmental fines: No - Ownership and other linked properties - Ownership: Marlusa Haide Thome Elias, Giorgia Catarina Thome, Carmen Lucia Thome Fabiani / Nelson Fernando Padovani (Taquara Verde 1 - 2,335 ha), Nelson Padovani (Taquara 2,489 ha), Carmen Lucia Thome Fabiani, Valdemar Fabiani (Fazenda Taquara Verde IV - 2,821 ha), ZB Empreendimentos e Participações e Administração (Fazenda Santa Filomena 2,489 ha), Carmen Lucia Thome Fabiani, Valdemar Fabiani (Fazenda Taquara Verde IV - 2,821 ha), ZB Empreendimentos e Participações (Fazenda Taquara Verde - 3,545 ha) Company group: Linked to Padovani family members: Victória Empreendimentos Imobiliários (Sorriso MT), Nelson F. Padovani & Cia (Sinop - MT), and several other real state companies to Fabiani family members found Linked properties: No other linked companies to Fabiani family members found Supply chain link, level of certainty, and soy trader/ beef processor 11 warehouses owned by individuals and local storage companies/ccoperatives, including 2 owned by Bom Furuto Agricola Supply chain links & details: Beef Slaughterhouses (sourcing from the municipality) Paranatinga (MT) supplies cattle to 12 different meatpackers, including: JBS (Água Boa - MT, Colider - MT, Diamantino - MT, Pedra Preta - MT), Marfrig (Paranatinga - MT). Supply chain links & details: - Other suppl			Er	vironmental	fines and em	oargoes		
Environmental fines: No Ownership and other linked properties Ownership: Marlusa Haide Thome Elias, Giorgia Catarina Thome, Carmen Lucia Thome Fabiani / Nelson Fernando Padovani (Taquara Verde 1 - 2,335 ha), Nelson Padovani (Taquara Verde II - 2,447 ha), Tio Ico Participações e Administração (Fazenda Santa Filomena 2,489 ha), Carmen Lucia Thomé Fabiani, Valdemar Fabiani (Fazenda Taquara Verde IV - 2,821 ha), ZB Empreendimentos e Participações (Fazenda Taquara Verde - 3,542 ha) Company group: Linked to Padovani family members: Victória Empreendimentos Imobiliários (Sorriso MT), Nelson F. Padovani & Cia (Sinop - MT), and several other real state companies in Rio Grande do Sul and Santa Catarina. No active linked companies to Fabiani family members found Linked properties: No other linked properties found Supply chain link, level of certainty, and soy trader/ beef processor Soy Warehouses (50 km radius) 11 warehouses owned by individuals and local storage companies/cooperatives, including 2 owned by Bom Furuto Agrícola Supply chain links & details: - Comments - Beef Slaughterhouses (sourcing from the municipality) Paranatinga (MT) supplies cattle to 12 different meatpackers, including: JBS (Água Boa - MT, Ooider - MT, Diamantino - MT, Pedra Preta - MT), Marfrig (Paranatinga - MT, Nova X							native vegetation in October	
fines: No No Ownership and other linked properties Ownership: Marlusa Haide Thome Elias, Giorgia Catarina Thome, Carmen Lucia Thome Fabiani / Nelson Fernando Padovani (Taquara Verde 1 - 2,335 ha), Nelson Padovani (Taquara Verde 1 - 2,345 ha), Nelson Padovani (Taquara Verde 1 - 2,345 ha), Nelson Padovani (Taquara Verde 1 - 2,342 ha), ZB Empreendimentos e Participações e Administração (Fazenda Santa Filomena 2,489 ha), Carmen Lucia Thomé Fabiani, Valdemar Fabiani (Fazenda Taquara Verde IV - 2,821 ha), ZB Empreendimentos e Participações (Fazenda Taquara Verde - 3,545 ha) Company group: Linked to Padovani family members: Victória Empreendimentos Imobiliários (Sorriso MT), Nelson F. Padovani & Cia (Sinop - MT), and several other real state companies in Rio Grande do Sul and Santa Catarina. No active linked companies to Fabiani family members found Linked properties: No other linked properties found Main Commodities Soy Confirmed supply chain link, level of certainty, and sory cooperatives, including 2 owned by Bom Furuto Agrícola sorge companies/cooperatives, including 2 owned by Bom Furuto Agrícola Supply chain links & details: Soy Supply chain links & details: - Paranatinga (MT) supplies cattle to 12 different meatpackers, including: JBS (Água Boa - MT, Coider - MT, Diamantino - MT, Pedra Preta - MT), Marfrig (Paranatinga - MT, Nova Xavantina - MT, Várzea Grande - MT), and Minerva (Paranatinga - MT) Supply chain links & details: - Other supply chain links and details: - <t< th=""><th>Enviror</th><th>mental</th><th>2021 III Fa</th><th></th><th></th><th></th><th></th></t<>	Enviror	mental	2021 III Fa					
Warenship: Marlusa Haide Thome Elias, Giorgia Catarina Thome, Carmen Lucia Thome Fabiani / Nelson Fernando Padovani (Taquara Verde 1 - 2,335 ha), Nelson Padovani (Taquara Verde II - 2,447 ha), Tio Ico Participações e Administração (Fazenda Taquara Verde IV - 2,821 ha), ZB Empreendimentos e Participações (Fazenda Taquara Verde - 3,545 ha) Company group: Linked to Padovani family members: Victória Empreendimentos Imobiliários (Sorriso MT), Nelson F. Padovani & Cia (Sinop - MT), and several other real state companies in Rio Grande do Sul and Santa Catarina. No active linked companies to Fabiani family members found Linked properties: No other linked properties found Soy Warehouses (50 km radius) 11 warehouses owned by individuals and local storage companies/cooperatives, including 2 owned by Bom Furuto Agrícola Soy Slaughterhouses (sourcing from the municipality) Paranatinga (MT) supplies cattle to 12 different meatpackers, including: JBS (Água Boa - MT, Colider - MT, Diamantino - MT, Pedra Preta - MT), Marfrig (Paranatinga - MT, Nova Xavantina - MT, Várzea Grande - MT), and Minerva (Paranatinga - MT, Nova Xavantina - MT, Várzea Grande - MT), and Minerva (Paranatinga - MT) Deforestation falls in two properties of the cluster "Fazenda Taquara Verde" with validated CRAs. One is Fazenda Taquara Verde II (2,447 ha), declared by Nelson Padovani (1). Both areas where deforestatio falls have active authorization for clearance of native vegetation: Fazenda Taquara Verde IV (996 ha), valid unti Odr October 2023, and Fazenda Taquara Verde II (980 ha), valid until 14th July 2025 (1). Nelson Padovani and Nelson Fermando Padovani is currently an elected deputy representing Paraná in the Federal Chamber (2). </th <th></th> <th>NO.</th> <th>-</th> <th></th> <th></th> <th></th> <th>-</th>		NO.	-				-	
Wnership: Nelson Fernando Padovani (Taquara Verde 1 - 2,335 ha), Nelson Padovani (Taquara Verde 1 - 2,437 ha), Tio Ico Participações e Administração (Fazenda Santa Filomena 2,489 ha), Carmen Lucia Thomé Fabiani, Valdemar Fabiani (Fazenda Taquara Verde - 3,545 ha) Company group: Linked to Padovani family members: Victória Empreendimentos Imobiliários (Sorriso MT), Nelson F. Padovani & Cia (Sinop - MT), and several other real state companies in Filo Grande do Sul and Santa Catarina. No active linked companies to Fabiani family members found Linked properties: No other linked properties found Main Commodities Soy Confirmed supply chain link, level of certainty, and soveral other real state companies to Fabiani family members. Cooperatives, including 2 owned by Bom Furuto Agrícola Soy Warehouses (50 km radius) 11 warehouses owned by individuals and local storage companies/cooperatives, including 2 owned by Bom Furuto Agrícola Beef Slaughterhouses (sourcing from the municipality) - Supply chain links & details: - Vereta - MT), Marfrig (Paranatinga - MT, Nova Xavantina - MT, Várzea Grande - MT), and Minerva (Paranatinga - MT, Nova Xavantina - MT, Várzea Grande - MT), and Minerva (Paranatinga - MT). Supply chain links and details: - Other supply			Ow	nership and	other linked p	roperties		
Company group: MT), Nelson F. Padovani & Cia (Sinop - MT), and several other real state companies in Rio Grande do Sul and Santa Catarina. No active linked companies to Fabiani family members found Linked properties: No other linked properties found Main Commodities Supply chain links Main Commodities Soy Confirmed supply chain link, level of certainty, and so ther real state companies found Yes - Soy Warehouses (50 km radius) 11 warehouses owned by individuals and local storage companies/cooperatives, including 2 owned by Bom Furuto Agrícola Soy Slaughterhouses (sourcing from the municipality) Paranatinga (MT) supplies cattle to 12 different meatpackers, including: JBS (Água Boa - MT, Colider - MT, Diamantino - MT, Pedra Preta - MT), And Minerva (Paranatinga - MT, Nova Xavantina - MT, Várzea Grande - MT), and Minerva (Paranatinga - MT) Supply chain links ad details: - Other supply chain links and details: - Deforestation falls in two properties of the cluster "Fazenda Taquara Verde IV (2,821 ha), declared by Carmen Lucia Thomé Fabiani and Valdemar Fabiani, and the other is Fazenda Taquara Verde II (2,447 ha), declared by Nelson Padovani (1). Both areas where deforestatior falls have active authorization for clearance of native vegetation: Fazenda Taquara Verde IV (996 ha), valid unti 03rd October 2023, and Fazenda Taquara Verde II (880 ha), valid until 14th July 2025 (1). Nelson Padovani and Nelson Fernando Padovani are relatives and politicians from Paraná. Fernando Padovani is currently an elected dep	Ownership: Nelson Ferna Verde II - 2,44 2,489 ha), Ca			ndo Padovar 17 ha), Tio Ice armen Lucia	ni (Taquara Ve o Participações Thomé Fabian	rde 1 - 2,335 ha s e Administraçã i, Valdemar Fab articipações (Fa), Nelson Padovani (Taquara io (Fazenda Santa Filomena iani (Fazenda Taquara Verde	
Main Commodities Supply chain links Main Commodities Soy Confirmed supply chain link, level of certainty, and soy trader/ beef processor Yes - Soy Warehouses (50 km radius) 11 warehouses owned by individuals and local storage companies/cooperatives, including 2 owned by Bom Furuto Agrícola Soy Supply chain links & details: - Other supply chain links and details: - <	Com	npany group:	MT), Nelson F	/IT), Nelson F. Padovani & Cia (Sinop - MT), and several other real state companies in Rio Grande do Sul and Santa Catarina. No active linked companies to Fabiani family				
Main Commodities Soy Confirmed supply chain link, level of certainty, and soy trader/beef processor Yes - Soy Warehouses (50 km radius) Yes - Supply chain links & details: - - Supply chain links & details: - - Beef Slaughterhouses (sourcing from the municipality) Paranatinga (MT) supplies cattle to 12 different meatpackers, including - MT, Diamantino - MT, Pedra Preta - MT), Marfrig (Paranatinga - MT, Nova Xavantina - MT, Várzea Grande - MT), Marfrig (Paranatinga - MT, Nova Xavantina - MT, Várzea Grande - MT), and Minerva (Paranatinga - MT) Supply chain links & details: - Other supply chain links and details: - Deforestation falls in two properties of the cluster "Fazenda Taquara Verde" with validated CRAs. One is Fazenda Taquara Verde IV (2,821 ha), declared by Carmen Lucia Thomé Fabiani and Valdemar Fabiani, and the other is Fazenda Taquara Verde II (2,447 ha), declared by Nelson Padovani (1). Both areas where deforestation falls have active authorization for clearance of native vegetation: Fazenda Taquara Verde IV (996 ha), valid until 03rd October 2023, and Fazenda Taquara Verde II (980 ha), valid until 14th July 2025 (1). Nelson Padovani and Nelson Fernando Padovani are relatives and politicians from Paraná. Fernando Padovani is currently an elected deputy representing Paraná in the Federal Chamber (2).	Linke	ed properties:			No other linke	d properties fou	nd	
Confirmed supply chain link, level of certainty, and soy trader/ beef processor Yes - Soy Warehouses (50 km radius) 11 warehouses owned by individuals and local storage companies/cooperatives, including 2 owned by Bom Furuto Agrícola Supply chain links & details: - Supply chain links & details: - Slaughterhouses (sourcing from the municipality) Paranatinga (MT) supplies cattle to 12 different meatpackers, including: JBS (Água Boa - MT, Colider - MT, Diamantino - MT, Pedra Preta - MT), Marfrig (Paranatinga - MT, Nova Xavantina - MT, Várzea Grande - MT), and Minerva (Paranatinga - MT) Supply chain links & details: - Other supply chain links and details: - Deforestation falls in two properties of the cluster "Fazenda Taquara Verde" with validated CRAs. One is Fazenda Taquara Verde IV (2,821 ha), declared by Carmen Lucia Thomé Fabiani and Valdemar Fabiani, and the other is Fazenda Taquara Verde II (2,447 ha), declared by Nelson Padovani (1). Both areas where deforestation falls have active authorization for clearance of native vegetation: Fazenda Taquara Verde IV (996 ha), valid until 03rd October 2023, and Fazenda Taquara Verde II (980 ha), valid until 14th July 2025 (1). Nelson Padovani and Nelson Fernando Padovani are relatives and politicians from Paraná. Fernando Padovani is currently an elected deputy representing Paraná in the Federal Chamber (2).				Supp	ly chain links			
soy trader/ beef processor Tes - Soy Warehouses (50 km radius) 11 warehouses owned by individuals and local storage companies/cooperatives, including 2 owned by Bom Furuto Agrícola Supply chain links & details: - Slaughterhouses (sourcing from the municipality) Paranatinga (MT) supplies cattle to 12 different meatpackers, including: JBS (Água Boa - MT, Colider - MT, Diamantino - MT, Pedra Preta - MT), Marfrig (Paranatinga - MT, Nova Xavantina - MT, Várzea Grande - MT), and Minerva (Paranatinga - MT) Supply chain links & details: - Other supply chain links and details: - Deforestation falls in two properties of the cluster "Fazenda Taquara Verde" with validated CRAs. One is Fazenda Taquara Verde IV (2,821 ha), declared by Carmen Lucia Thomé Fabiani and Valdemar Fabiani, and tho other is Fazenda Taquara Verde II (2,447 ha), declared by Nelson Padovani (1). Both areas where deforestation falls have active authorization for clearance of native vegetation: Fazenda Taquara Verde IV (996 ha), valid until 03rd October 2023, and Fazenda Taquara Verde II (980 ha), valid until 14th July 2025 (1). Nelson Padovani and Nelson Fernando Padovani are relatives and politicians from Paraná. Fernando Padovani is currently an elected deputy representing Paraná in the Federal Chamber (2).	Ма	in Commodities		Soy				
Soy Warehouses (50 km radius) companies/cooperatives, including 2 owned by Bom Furuto Agrícola Supply chain links & details: - Beef Slaughterhouses (sourcing from the municipality) Paranatinga (MT) supplies cattle to 12 different meatpackers, including: JBS (Água Boa - MT, Colider - MT, Diamantino - MT, Pedra Preta - MT), Marfrig (Paranatinga - MT, Nova Xavantina - MT, Várzea Grande - MT), and Minerva (Paranatinga - MT) Supply chain links & details: - Other supply chain links and details: - Deforestation falls in two properties of the cluster "Fazenda Taquara Verde IV (2,821 ha), declared by Carmen Lucia Thomé Fabiani and Valdemar Fabiani, and the other is Fazenda Taquara Verde II (2,447 ha), declared by Nelson Padovani (1). Both areas where deforestation falls have active authorization for clearance of native vegetation: Fazenda Taquara Verde IV (996 ha), valid unti 03rd October 2023, and Fazenda Taquara Verde II (980 ha), valid until 14th July 2025 (1). Nelson Padovani and Nelson Fernando Padovani are relatives and politicians from Paraná. Fernando Padovani is currently an elected deputy representing Paraná in the Federal Chamber (2).				tainty, and	Yes	-	-	
Beef Slaughterhouses (sourcing from the municipality) Paranatinga (MT) supplies cattle to 12 different meatpackers, including: JBS (Água Boa - MT, Colider - MT, Diamantino - MT, Pedra Preta - MT), Marfrig (Paranatinga - MT, Nova Xavantina - MT, Várzea Grande - MT), and Minerva (Paranatinga - MT) Supply chain links & details: - Other supply chain links and details: - Deforestation falls in two properties of the cluster "Fazenda Taquara Verde" with validated CRAs. One is Fazenda Taquara Verde IV (2,821 ha), declared by Carmen Lucia Thomé Fabiani and Valdemar Fabiani, and the other is Fazenda Taquara Verde II (2,447 ha), declared by Nelson Padovani (1). Both areas where deforestation falls have active authorization for clearance of native vegetation: Fazenda Taquara Verde IV (996 ha), valid until 03rd October 2023, and Fazenda Taquara Verde II (980 ha), valid until 14th July 2025 (1). Nelson Padovani and Nelson Fernando Padovani are relatives and politicians from Paraná. Fernando Padovani is currently an elected deputy representing Paraná in the Federal Chamber (2).	Soy	Warehouses (50 km radius)					
Beef Slaughterhouses (sourcing from the municipality) including: JBS (Água Boa - MT, Colider - MT, Diamantino - MT, Pedra Preta - MT), Marfrig (Paranatinga - MT, Nova Xavantina - MT, Várzea Grande - MT), and Minerva (Paranatinga - MT) Supply chain links & details: - Other supply chain links and details: - Deforestation falls in two properties of the cluster "Fazenda Taquara Verde" with validated CRAs. One is Fazenda Taquara Verde IV (2,821 ha), declared by Carmen Lucia Thomé Fabiani and Valdemar Fabiani, and the other is Fazenda Taquara Verde II (2,447 ha), declared by Nelson Padovani (1). Both areas where deforestation falls have active authorization for clearance of native vegetation: Fazenda Taquara Verde IV (996 ha), valid untio 03rd October 2023, and Fazenda Taquara Verde II (980 ha), valid until 14th July 2025 (1). Nelson Padovani and Nelson Fernando Padovani are relatives and politicians from Paraná. Fernando Padovani is currently an elected deputy representing Paraná in the Federal Chamber (2).		Supply chain l	inks & details:	tails: -				
Other supply chain links and details: - General comments Deforestation falls in two properties of the cluster "Fazenda Taquara Verde" with validated CRAs. One is Fazenda Taquara Verde IV (2,821 ha), declared by Carmen Lucia Thomé Fabiani and Valdemar Fabiani, and the other is Fazenda Taquara Verde II (2,447 ha), declared by Nelson Padovani (1). Both areas where deforestation falls have active authorization for clearance of native vegetation: Fazenda Taquara Verde IV (996 ha), valid until 03rd October 2023, and Fazenda Taquara Verde II (980 ha), valid until 14th July 2025 (1). Nelson Padovani and Nelson Fernando Padovani are relatives and politicians from Paraná. Fernando Padovani is currently an elected deputy representing Paraná in the Federal Chamber (2).	Beef			including: JBS (Água Boa - MT, Colider - MT, Diamantino - MT, Pedra Preta - MT), Marfrig (Paranatinga - MT, Nova Xavantina - MT, Várzea				
General comments Deforestation falls in two properties of the cluster "Fazenda Taquara Verde" with validated CRAs. One is Fazenda Taquara Verde IV (2,821 ha), declared by Carmen Lucia Thomé Fabiani and Valdemar Fabiani, and the other is Fazenda Taquara Verde II (2,447 ha), declared by Nelson Padovani (1). Both areas where deforestation falls have active authorization for clearance of native vegetation: Fazenda Taquara Verde IV (996 ha), valid unti 03rd October 2023, and Fazenda Taquara Verde II (980 ha), valid until 14th July 2025 (1). Nelson Padovani and Nelson Fernando Padovani are relatives and politicians from Paraná. Fernando Padovani is currently an elected deputy representing Paraná in the Federal Chamber (2).		Supply chain I	inks & details:	-				
Deforestation falls in two properties of the cluster "Fazenda Taquara Verde" with validated CRAs. One is Fazenda Taquara Verde IV (2,821 ha), declared by Carmen Lucia Thomé Fabiani and Valdemar Fabiani, and the other is Fazenda Taquara Verde II (2,447 ha), declared by Nelson Padovani (1). Both areas where deforestation falls have active authorization for clearance of native vegetation: Fazenda Taquara Verde IV (996 ha), valid unti 03rd October 2023, and Fazenda Taquara Verde II (980 ha), valid until 14th July 2025 (1). Nelson Padovani and Nelson Fernando Padovani are relatives and politicians from Paraná. Fernando Padovani is currently an elected deputy representing Paraná in the Federal Chamber (2).	Other	supply chain lin	ks and details:	-				
Fazenda Taquara Verde IV (2,821 ha), declared by Carmen Lucia Thomé Fabiani and Valdemar Fabiani, and the other is Fazenda Taquara Verde II (2,447 ha), declared by Nelson Padovani (1). Both areas where deforestation falls have active authorization for clearance of native vegetation: Fazenda Taquara Verde IV (996 ha), valid unti 03rd October 2023, and Fazenda Taquara Verde II (980 ha), valid until 14th July 2025 (1). Nelson Padovani and Nelson Fernando Padovani are relatives and politicians from Paraná. Fernando Padovani is currently an elected deputy representing Paraná in the Federal Chamber (2).	General comments							
(1) https://geoportal.sema.mt.gov.br/								

(2) https://eleicoes.poder360.com.br/candidato/1134907#2008 / https://www.instagram.com/p/CwQ_uSwAwtX/?img_index=1 / http://www.quantocustaobrasil.com.br/pdfs/5relacao.pdf

Fazen	da Solta I, Faze	nda Ra						
			ananeira					
e do Ribeiro, Pia	auí		Cerrado	o biome				
A45E4B8FAD0I	DA0761CFBD043		SIGEF/SNCI:	9500413887696, 9500414759713				
5,846			-8.5	8299, -44.99633				
	Cleared A							
rance:		-	8.5455, -44.98	374				
hectares								
	period cleara	nce:	N	lay to Aug 2023				
fires alerts								
Yes	4.5 ha	inside c	leclared Legal I	Reserve				
		liversity (Conservation:	No				
_	-			-				
(overlapping or	bordering):			-				
	PI-22011 A45E4B8FAD01 2D4BA0DF44F 5,846 rance: hectares tons of CO2 fires alerts Yes ed Savanna (overlapping or (overlapping or (overlapping or	PI-2201150- A45E4B8FAD0DA0761CFBD043 2D4BA0DF44F2F9E1315341B2 5,846 Coordinates pro Cleared A rance: hectares tons of CO ₂ period cleara fires alerts Yes 4.5 ha ed Savanna Priority for Bioc (overlapping or bordering): (overlapping or bordering): property (green), limits of the 3	PI-2201150- A45E4B8FAD0DA0761CFBD043, PI- 204BA0DF44F2F9E1315341B20E331 5,846 Coordinates property: Cleared Area rance: hectares tons of CO ₂ fires alerts Yes 4.5 ha inside of ed Savanna Priority for Biodiversity of (overlapping or bordering): (overlapping or bordering): property (green), limits of the cleared a Augu Augu Augu Augu Augu Augu Augu Au	PI-2201150- A45E4B8FADDDA0761CFBD043, PI- 204BA0DF44F2F9E1315341B20E331 5,846 Coordinates property: -8.5 Cleared Area rance: -8.5455, -44.99 hectares tons of CO ₂ period clearance: M fires alerts Yes 4.5 ha inside declared Legal I ed Savanna Priority for Biodiversity Conservation: (overlapping or bordering): (overlapping or bordering): property (green), limits of the cleared area (red) August 2023 August 2023				

			Invironmenta	l fines and	embargoes		
Emba	rgoes: No	-					
	3 environmental fines: 1 in the name of Joacir Jorge Ottoni in Arinos (MG) for illegal clearing of native vegetation in 2002; 1 in the name of Jair Francisco Ottoni					BRL 10,500	
		0	wnership and	other linke	ed properties		
	Ownership:	Alzir Pir	nentel Aguiar I	Neto (Joac	ir Jorge Ottoni, Jair	Francis	co Ottoni)
Co	mpany group	: AZN Ag	opecuária, En	naflor Emp	reendimentos Rura	ais e Pa	rticipações
Link	ked properties	s: No othe	r linked prope	rties found	k		
			Supp	ly chain lin	iks		
Mai	n Commoditie	es			Soy		
	ned supply ch / trader/ beef	ain link, level o processor	f certainty,	Yes	Medium	В	unge, Cargill
Com	panies' reply	currently blo negotiated	cked, but we fo /ith the farmer,	und evidend but with a c	ce of the legality of th	e cleara	go with a farmer that is nce. For 1 case, we 1 case, we are waiting
	Warehouse	s (50 km radiu	s) 21 wareh	ouses, inc	luding 3 owned by	Bunge	
Soy	Supply cha	in links & detai	C '		upplied Bunge and atopiba region in 20	0	from other linked
Beef	Slaughterh from the m	ouses (sourcin unicipality)	8 No data				
	Supply cha	in links & detai	ls: -				
Other s	supply chain l	inks and detai	s: -				
			Gene	ral comme	nts		
Banane establis 5,000 f require the doc Produce (3). The sharehe others, cases r Morato Bunge t	eira, Solta I ar shment of 5,8 head of cattle d to obtain ar sument, the fa ers Association e company En olders of the of Fazenda Ema eported in the rium to the Co to include and os://siga.semar.g	ad Solta II show 93 hectares of will be raised a environmenta form is operated on (2), and nota haflor Empreer company AZN F aflor, a project e RDM 13 publ errado region a i-deforestation bi.cow.br/media/up sil.com.br/comunic	ed that the pl pasture. At th n the area (1) I license for th by Alzir Pime ry documents dimentos Rura tarticipações (inanced by Ba shed in June 1 nd led the fan clauses in co	anned clea ne farm's fu . The envir ne establis ntel Aguiar confirm th ais e Patici AZN group anco do No 2023 (5). / mers' resis ntracts sig), currently respons ordeste (4) and one Alzir Neto opposes stance against initia ned with producers	getatior eached eport is in activi the Pia e farms imentel sible for e of the the exp atives fr a in Piau d31a3c.p	a aimed at the in 2025/2026, one of the steps ties. According to uí Soybean in October 2022 Aguiar Neto are the managing, among recent deforestation ansion of the Soy om Abiove and uí (6).
(4) <u>htt</u>		am.com/p/CcOxR9 UNE-2023	MFlqS/?ref=tjour	nal.ru			

(5) <u>https://bit.ly/RDM-JUNE-2023</u>
(6) <u>https://www.youtube.com/watch?v=pxlTmxxTdl4</u>

Property									
Fazenda Buriti (Gleba 02-07)									
	Corren	tina, Bahia		Cerrado biome					
CAR:	BA-2909307-F BA-2909307-F BA-2909307-5 BA-2909307-E	77D59EAEEB54 17716B32253 44B3DDBA7D4 E4FC4D93DD3	4BB78EB134 4EA690EB05 4C01A6EB19 47318BE050	406B88F0A4F4970, EB13475CFF6ADAF, 0EB05331933BBAF, 6EB192446333029, BE050F24D3C3A73, 56C81B98DD18080					
Area	property (ha):	13,834	Coordinat	es property:	-13.59340, -45.5	52440			
	Cleared Area								
	Coordinates cle	arance:	-13.6161, -	45.5017					
	2,052	hectares							
	263,791	tons of CO_2	Period clea	Period clearance: Dec 2022 to Aug 2023					
	129	fires alerts							
	e Forest Code's protected areas:	No	-	-					
	Type of vegetation:Forested SavannaPriority for Biodiversity Conservation:No								
Conservation area(s) (overlapping or bordering):									
Indigenous Territories (overlapping or bordering):									

Imagery: limits of the property (green), limits of the cleared area (red)

December 2022



Source: Imagery ©2023 Planet Labs Inc.

August 2023



Source: Imagery ©2023 Planet Labs Inc.

Embargoes: No - Environmental fines: No - Ownership: Planta 7 S.A. Empreendimentos Rurais - Ownership: Planta 7 Empreendimentos Rurais is registered in Minas Gerais, Bahia and Brasilia as an Eucalyptus producer company (owners are Claudio Trincanato and Giuseppe Trincanato). The company is inactive. Both have more than 20 other company is fogether, including partnerships with finance corporation (Savannah Finance Corporation, Brascorp Investimentos) in the mining (Italmagnesio) and agribusiness (Coagro Indústria e Comércio de Produtos Agroindustriais) sectors. Coagro is active in charcoal production from forest plantations in Minas Gerais Linked properties: One other linked property in Cocos (BA): Fazenda Reunidas (11,453 ha) Supply chain link, level of certainty, and sy trade/ beef processor Soy Confirmed supply chain links & details: - soy - - Soy - - Soy - - Confirmed supply chain links & details: - - soy trader/ beef processor 17 warehouses owned by individuals and local storage companies/cooperatives, including Agricola Xingu and SLC Agricola Supply chain links & details: - - other supply chain links & details: - supply chain links and details: - -				Er	vironmental	fines and emb	oargoes			
fines: No - - Ownership and other linked properties Ownership: Planta 7 S.A. Empreendimentos Rurais Planta 7 Empreendimentos Rurais Planta 7 Empreendimentos Rurais is registered in Minas Gerais, Bahia and Brasilia as an Eucalyptus producer company (owners are Claudio Trincanato and Giuseppe Trincanato). The company is inactive. Both have more than 20 other companies together, including partnerships with finance corporations (Savannah Finance Corporation, Brascorp Investimentos) in the mining (Italmagnesio) and agribusiness (Coagro Indústria e Comércio de Produtos Agroindustriais) sectors. Coagro is active in charcoal production from forest plantations in Minas Gerais Linked properties: One other linked property in Cocos (BA): Fazenda Reunidas (11,453 ha) Supply chain link, level of certainty, and soy trader/ beef processor Soy Confirmed supply chain link, level of certainty, and soy trader/ beef processor \$\$\$ Supply chain links Soy Supply chain links & details: - Supply chain links and details: - Supply chain links a details: - The Trincanato family is active in the mining sector (magnesium) and in charcoal production from forest planattion	Emba	rgoes:	No	-						
Ownership: Planta 7 S.A. Empreendimentos Rurais Planta 7 Empreendimentos Rurais is registered in Minas Gerais, Bahia and Brasilia as an Eucalyptus producer company (owners are Claudio Trincanato and Giuseppe Trincanato). The company is inactive. Both have more than 20 other companies together, including partnerships with finance corporations (Savannah Finance Corporation, Brascorp Investimentos) in the mining (Italmagnesio) and agribusiness (Coagro in distria e Comércio de Produtos Agroindustriais) sectors. Coagro is active in charcoal production from forest plantations in Minas Gerais Linked properties: One other linked property in Cocos (BA): Fazenda Reunidas (11,453 ha) Supply chain link, level of certainty, and soy trader/ beef processor Soy Warehouses (50 km radius) 17 warehouses owned by individuals and local storage companies/cooperatives, including Agricola Xingu and SLC Agricola Soy Supply chain links & details: - Gorrentina (BA) supplies cattle to 26 different meatpackers, including: JBS (Itapetinga - BA) Supply chain links & details: Supply chain links & details: - - Other supply chain links and details: - Correntina (BA) supplies cattle to 26 different meatpackers, including: JBS (Itapetinga - BA) Supply chain links and details: - Correntina (BA) supplies cattle to 26 different meatpackers, including Planta 7 Empreendimentos Agricolas (1), the registered owner of Fazend		No. I -						-		
Planta 7 Empreendimentos Rurais is registered in Minas Gerais, Bahia and Brasilia as an Eucalyptus producer company (owners are Claudio Trincanato and Giuseppe Trincanato). The company is inactive. Both have more than 20 other companies together, including partnerships with finance corporations (Savannah Finance Corporation, Brascorp Investimentos) in the mining (Italmagnesio) and agribusiness (Coagro indústria e Comércio de Produtos Agroindustriais) sectors. Coagro is active in charcoal production from forest plantations in Minas Gerais Linked properties: One other linked property in Cocco (BA): Fazenda Reunidas (11,453 ha) Supply chain link, level of certainty, and sort rader, / beef processor Soy Confirmed supply chain link, level of certainty, and sort rader, / beef processor 17 warehouses owned by individuals and local storage companies/cooperatives, including Agricola Xingu and SLC Agrícola Soy Supply chain links & details: - Supply chain links & details: - from the municipality) Correntina (BA) supplies cattle to 26 different meatpackers, including JBS (Itapetinga - BA) Supply chain links & details: - Other supply chain links ad details: - from the municipality) Correntina (BA) supplies cattle to 26 different meatpackers, including JBS (Itapetinga - BA) Supply chain links & details: - from the municipality) Correntina (BA) supplies cattle to 26 different meatpackers, including Planta 7 <td< th=""><th></th><th></th><th></th><th>Ow</th><th>nership and</th><th>other linked p</th><th>roperties</th><th></th><th></th></td<>				Ow	nership and	other linked p	roperties			
Brasilia as an Eucalyptus producer company (owners are Claudio Trincanato and Giuseppe Trincanato). The company is inactive. Both have more than 20 other companies together, including partnerships with finance corporations (Savannah Finance Corporation, Brascorp Investimentos) in the mining (Italmagnesio) and agribusiness (Coagro Indústria e Comércio de Produtos Agroindustriais) sectors. Coagro is active in charcoal production from forest plantations in Minas Gerais Linked properties: One other linked property in Cocos (BA): Fazenda Reunidas (11,453 ha) Supply chain link, level of certainty, and so ytrader/ beef processor Soy Confirmed supply chain link, level of certainty, and so ytrader/ beef processor Soy Soy Intervention links & details: Soy Supply chain links & details: Supply chain links & details: - Supply chain links and details: - Other supply chain links and details: - Supply chain links and details: - Correntina (BA) supplies cattle to 26 different meatpackers, including JBA (Lapetinga - BA) - Supply chain links and details: - Cotter supply chain links a details: - <		Ownersh	nip:	Planta 7 S.	A. Empreend	dimentos Rura	is			
Supply chain links Main Commodities Soy Confirmed supply chain link, level of certainty, and soy trader/ beef processor Yes - Soy Warehouses (50 km radius) 17 warehouses owned by individuals and local storage companies/cooperatives, including Agrícola Xingu and SLC Agrícola Soy Supply chain links & details: - Supply chain links and details: - Other supply chain links and details: - The Trincanato family is active in the mining sector (magnesium) and in charcoal production from forest plantations in Minas Gerais. In 2017, the Justice Court of São Paulo accepted the judicial reorganization plan presented by the Trincanato family for the bankruptcy of 7 of the group's companies, including Planta 7 Empreendimentos Agrícolas (1), the registered owner of Fazenda Buriti (BRL 178 million), which is included among the company group's real estate assets that can be sold to pay off debts. In the plan, Fazenda Buriti, then owned by the Trincanato family, was divided into 10 small parcels (glebas 1, 2, 3, 4, 5, 11, 12, 13, 14 and 15) (1). Glebas 11, 12, 13, 14 and 15 are currently controlled by Pegoraro Agro (CNPI): 48.804.547/0001-76), based in São Pedro do lvaí (Paraná). In July 2023, the company applied to Inema in Bahai for authorization for the controlled burning of	Company group:			Brasília as an Eucalyptus producer company (owners are Claudio Trincanato and Giuseppe Trincanato). The company is inactive. Both have more than 20 other companies together, including partnerships with finance corporations (Savannah Finance Corporation, Brascorp Investimentos) in the mining (Italmagnesio) and agribusiness (Coagro Indústria e Comércio de Produtos Agroindustriais) sectors.						
Main Commodities Soy Confirmed supply chain link, level of certainty, and soy trader/ beef processor Yes - Soy Warehouses (50 km radius) 17 warehouses owned by individuals and local storage companies/cooperatives, including Agrícola Xingu and SLC Agrícola Supply chain links & details: - - Slaughterhouses (sourcing from the municipality) Correntina (BA) supplies cattle to 26 different meatpackers, including: JBS (Itapetinga - BA) Supply chain links & details: - Other supply chain links and details: - The Trincanato family is active in the mining sector (magnesium) and in charcoal production from forest plantations in Minas Gerais. In 2017, the Justice Court of São Paulo accepted the judicial reorganization plan presented by the Trincanato family for the bankruptcy of 7 of the group's companies, including Planta 7 Empreendimentos Agrícolas (1), the registered owner of Fazenda Buriti (BRL 178 million), which is included among the company group's real estate assets that can be sold to pay off debts. In the plan, Fazenda Buriti, then owned by the Trincanato family, was divided into 10 small parcels (glebas 1, 2, 3, 4, 5, 11, 12, 13, 14 and 15) (1). Glebas 11, 12, 13, 14 and 15 are currently controlled by Pegoraro Agro (CNPI): 48.804.547/0001-76), based in São Pedro do lvaí (Paraná). In July 2023, the company applied to Inema in Bahia for authorization for the controlled burning of 6,252 hectares in these areas. However, the authorization appears in the system with a "pending validation" status (2). The deforestation reported in this case falls in the	Lin	ked prop	erties:	One other	linked prope	rty in Cocos (B	A): Fazenda Reu	nidas (11,453 ha)		
Confirmed supply chain link, level of certainty, and soy trader/ beef processor Yes - Soy					Supp	ly chain links				
soy trader/ beef processor res Soy Warehouses (50 km radius) 17 warehouses owned by individuals and local storage companies/cooperatives, including Agrícola Xingu and SLC Agrícola Soy Supply chain links & details: - Beef Slaughterhouses (sourcing from the municipality) Correntina (BA) supplies cattle to 26 different meatpackers, including: JBS (Itapetinga - BA) Supply chain links & details: - Other supply chain links and details: - The Trincanato family is active in the mining sector (magnesium) and in charcoal production from forest plantations in Minas Gerais. In 2017, the Justice Court of São Paulo accepted the judicial reorganization plan presented by the Trincanato family for the bankruptcy of 7 of the group's companies, including Planta 7 Empreendimentos Agrícolas (1), the registered owner of Fazenda Buriti according to Sigef (2). The reorganization plan presents an assessment of the sale value of Fazenda Buriti (BRL 178 million), which is included among the company group's real estate assets that can be sold to pay off debts. In the plan, Fazenda Buriti, then owned by the Trincanato family, was divided into 10 small parcels (glebas 1, 2, 3, 4, 5, 11, 12, 13, 14 and 15 are currently controlled by Pegoraro Agro (CNPJ): 48.804.547/0001-76), based in São Pedro do Ivaí (Paraná). In July 2023, the company applied to Inema in Bahia for authorization for the controlled burning of 6,252 hectares in these areas. However, the authorization appears in the system with a "pending validation" status (2). The deforestation reported in this case falls in the	Ма	in Comm	odities				Soy			
Soy Warehouses (S0 km radius) companies/cooperatives, including Agrícola Xingu and SLC Agrícola Supply chain links & details: - Beef Slaughterhouses (sourcing from the municipality) Correntina (BA) supplies cattle to 26 different meatpackers, including: JBS (Itapetinga - BA) Other supply chain links and details: - Other supply chain links and details: - The Trincanato family is active in the mining sector (magnesium) and in charcoal production from forest plantations in Minas Gerais. In 2017, the Justice Court of São Paulo accepted the judicial reorganization plan presented by the Trincanato family for the bankruptcy of 7 of the group's companies, including Planta 7 Empreendimentos Agrícolas (1), the registered owner of Fazenda Buriti according to Sigef (2). The reorganization plan presents an assessment of the sale value of Fazenda Buriti (BRL 178 million), which is included among the company group's real estate assets that can be sold to pay off debts. In the plan, Fazenda Buriti, then owned by the Trincanato family, was divided into 10 small parcels (glebas 1, 2, 3, 4, 5, 11, 12, 13, 14 and 15) (1). Glebas 11, 12, 13, 14 and 15 are currently controlled by Pegoraro Agro (CNPJ: 48.804.547/0001-76), based in São Pedro do Ivaí (Paraná). In July 2023, the company applied to Inema in Bahia for authorization for the controlled burning of 6,252 hectares in these areas. However, the authorization appears in the system with a "pending validation" status (2). The deforestation reported in this case falls in the					tainty, and	Yes	-	-		
Beef Slaughterhouses (sourcing from the municipality) Correntina (BA) supplies cattle to 26 different meatpackers, including: JBS (Itapetinga - BA) Other supply chain links & details: - Other supply chain links and details: - General comments - The Trincanato family is active in the mining sector (magnesium) and in charcoal production from forest plantations in Minas Gerais. In 2017, the Justice Court of São Paulo accepted the judicial reorganization plan presented by the Trincanato family for the bankruptcy of 7 of the group's companies, including Planta 7 Empreendimentos Agrícolas (1), the registered owner of Fazenda Buriti according to Sigef (2). The reorganization plan presents an assessment of the sale value of Fazenda Buriti (BRL 178 million), which is included among the company group's real estate assets that can be sold to pay off debts. In the plan, Fazenda Buriti, then owned by the Trincanato family, was divided into 10 small parcels (glebas 1, 2, 3, 4, 5, 11, 12, 13, 14 and 15) (1). Glebas 11, 12, 13, 14 and 15 are currently controlled by Pegoraro Agro (CNPJ: 48.804.547/0001-76), based in São Pedro do Ivaí (Paraná). In July 2023, the company applied to Inema in Bahia for authorization for the controlled burning of 6,252 hectares in these areas. However, the authorization appears in the system with a "pending validation" status (2). The deforestation reported in this case falls in the	Soy	Wareh	iouses (50	km radius)					а	
Beef from the municipality) including: JBS (Itapetinga - BA) Supply chain links & details: - Other supply chain links and details: - Other supply chain links and details: - The Trincanato family is active in the mining sector (magnesium) and in charcoal production from forest plantations in Minas Gerais. In 2017, the Justice Court of São Paulo accepted the judicial reorganization plan presented by the Trincanato family for the bankruptcy of 7 of the group's companies, including Planta 7 Empreendimentos Agrícolas (1), the registered owner of Fazenda Buriti according to Sigef (2). The reorganization plan presents an assessment of the sale value of Fazenda Buriti (BRL 178 million), which is included among the company group's real estate assets that can be sold to pay off debts. In the plan, Fazenda Buriti, then owned by the Trincanato family, was divided into 10 small parcels (glebas 1, 2, 3, 4, 5, 11, 12, 13, 14 and 15 are currently controlled by Pegoraro Agro (CNPJ: 48.804.547/0001-76), based in São Pedro do Ivaí (Paraná). In July 2023, the company applied to Inema in Bahia for authorization for the controlled burning of 6,252 hectares in these areas. However, the authorization appears in the system with a "pending validation" status (2). The deforestation reported in this case falls in the		Supply	/ chain link	s & details:	-					
Other supply chain links and details: - General comments The Trincanato family is active in the mining sector (magnesium) and in charcoal production from forest plantations in Minas Gerais. In 2017, the Justice Court of São Paulo accepted the judicial reorganization plan presented by the Trincanato family for the bankruptcy of 7 of the group's companies, including Planta 7 Empreendimentos Agrícolas (1), the registered owner of Fazenda Buriti according to Sigef (2). The reorganization plan presents an assessment of the sale value of Fazenda Buriti (BRL 178 million), which is included among the company group's real estate assets that can be sold to pay off debts. In the plan, Fazenda Buriti, then owned by the Trincanato family, was divided into 10 small parcels (glebas 1, 2, 3, 4, 5, 11, 12, 13, 14 and 15 are currently controlled by Pegoraro Agro (CNPJ: 48.804.547/0001-76), based in São Pedro do Ivaí (Paraná). In July 2023, the company applied to Inema in Bahia for authorization for the controlled burning of 6,252 hectares in these areas. However, the authorization appears in the system with a "pending validation" status (2). The deforestation reported in this case falls in the	Beef									
General comments The Trincanato family is active in the mining sector (magnesium) and in charcoal production from forest plantations in Minas Gerais. In 2017, the Justice Court of São Paulo accepted the judicial reorganization plan presented by the Trincanato family for the bankruptcy of 7 of the group's companies, including Planta 7 Empreendimentos Agrícolas (1), the registered owner of Fazenda Buriti according to Sigef (2). The reorganization plan presents an assessment of the sale value of Fazenda Buriti (BRL 178 million), which is included among the company group's real estate assets that can be sold to pay off debts. In the plan, Fazenda Buriti, then owned by the Trincanato family, was divided into 10 small parcels (glebas 1, 2, 3, 4, 5, 11, 12, 13, 14 and 15) (1). Glebas 11, 12, 13, 14 and 15 are currently controlled by Pegoraro Agro (CNPJ: 48.804.547/0001-76), based in São Pedro do Ivaí (Paraná). In July 2023, the company applied to Inema in Bahia for authorization for the controlled burning of 6,252 hectares in these areas. However, the authorization appears in the system with a "pending validation" status (2). The deforestation reported in this case falls in the		Supply	/ chain link	s & details:	is: -					
The Trincanato family is active in the mining sector (magnesium) and in charcoal production from forest plantations in Minas Gerais. In 2017, the Justice Court of São Paulo accepted the judicial reorganization plan presented by the Trincanato family for the bankruptcy of 7 of the group's companies, including Planta 7 Empreendimentos Agrícolas (1), the registered owner of Fazenda Buriti according to Sigef (2). The reorganization plan presents an assessment of the sale value of Fazenda Buriti (BRL 178 million), which is included among the company group's real estate assets that can be sold to pay off debts. In the plan, Fazenda Buriti, then owned by the Trincanato family, was divided into 10 small parcels (glebas 1, 2, 3, 4, 5, 11, 12, 13, 14 and 15) (1). Glebas 11, 12, 13, 14 and 15 are currently controlled by Pegoraro Agro (CNPJ: 48.804.547/0001-76), based in São Pedro do Ivaí (Paraná). In July 2023, the company applied to Inema in Bahia for authorization for the controlled burning of 6,252 hectares in these areas. However, the authorization appears in the system with a "pending validation" status (2). The deforestation reported in this case falls in the	Other	supply c	hain links a	and details:	-					
plantations in Minas Gerais. In 2017, the Justice Court of São Paulo accepted the judicial reorganization plan presented by the Trincanato family for the bankruptcy of 7 of the group's companies, including Planta 7 Empreendimentos Agrícolas (1), the registered owner of Fazenda Buriti according to Sigef (2). The reorganization plan presents an assessment of the sale value of Fazenda Buriti (BRL 178 million), which is included among the company group's real estate assets that can be sold to pay off debts. In the plan, Fazenda Buriti, then owned by the Trincanato family, was divided into 10 small parcels (glebas 1, 2, 3, 4, 5, 11, 12, 13, 14 and 15) (1). Glebas 11, 12, 13, 14 and 15 are currently controlled by Pegoraro Agro (CNPJ: 48.804.547/0001-76), based in São Pedro do Ivaí (Paraná). In July 2023, the company applied to Inema in Bahia for authorization for the controlled burning of 6,252 hectares in these areas. However, the authorization appears in the system with a "pending validation" status (2). The deforestation reported in this case falls in the					Gener	ral comments				
(1) https://lasproconsultores.com.br/admin/download.php?file=/_upload/0.7.A%20-%20Aditivos%20ao%20plano%20de%20RJ.pdf	The Trincanato family is active in the mining sector (magnesium) and in charcoal production from forest plantations in Minas Gerais. In 2017, the Justice Court of São Paulo accepted the judicial reorganization plan presented by the Trincanato family for the bankruptcy of 7 of the group's companies, including Planta 7 Empreendimentos Agrícolas (1), the registered owner of Fazenda Buriti according to Sigef (2). The reorganization plan presents an assessment of the sale value of Fazenda Buriti (BRL 178 million), which is included among the company group's real estate assets that can be sold to pay off debts. In the plan, Fazenda Buriti, then owned by the Trincanato family, was divided into 10 small parcels (glebas 1, 2, 3, 4, 5, 11, 12, 13, 14 and 15) (1). Glebas 11, 12, 13, 14 and 15 are currently controlled by Pegoraro Agro (CNPJ: 48.804.547/0001-76), based in São Pedro do Ivaí (Paraná). In July 2023, the company applied to Inema in Bahia for authorization for the controlled burning of 6,252 hectares in these areas. However, the authorization appears in the system with a "pending validation" status (2). The deforestation reported in this case falls in the parcels gleba 2, 3, 4, and 5 of Fazenda Buriti.									

(2) Inema, Bahia

Property									
Fazenda Rio Verde									
ļ	Araguaçu, Tocantins			Cerrado I	biome				
CAR: EB	TO-1702 1C5CDAC40D4407A		677C	SIGEF/SNCI:	9260190061579				
Area property (I	na): 10,735	Coordinates	property:	-12.80	962, -50.25970				
		Cleare	d Area						
Coordinat	es clearance:		-	12.8196, -50.251	.2				
2	,405 hectares								
120	,194 tons of CO_2	period cle	arance:	Мау	r to Aug 2023				
	- fires alerts								
Inside Forest (protected a	No	-	-						
Type of vegetation:	Wooded Savanna	Priority for Biodiversity Conservation: No							
Conservation a	area(s) (overlapping o	r bordering):		-					
Indigenous Ter	ritories (overlapping o	or bordering):		-					
	Imagery: limits of the property (green), limits of the cleared area (red)								
May 202	.3	August 2023							
August 2023 August 2023									



Source: Imagery ©2023 Planet Labs Inc.



Source: Imagery ©2023 Planet Labs Inc.

			En	vironmental	fines and eml	oargoes		
Emba	rgoes:	No	-					
Environmental No -							-	
			Owi	nership and (other linked p	roperties		
	Ownersh	nip:	Marcelo H	enrique Limi	rio Gonçalves			
Со	ompany g	{roup:	Nova Pirat	ininga Empre	eendimentos,	participações e	T and TO as corn producer), Incorporações (registered nd Araguaçu - TO)	
Goiás Fazen São M			Goiás (GO) Fazenda S São Migue area), Reti	other linked properties, totalling at least 2,160 hectares. In Campo Limpo de biás (GO): Fazenda Conceição (unknown area). In Lagoa do Tocantins (TO): izenda Serra Azul (unknown area), Fazenda Serra Dourada (unknown area). In io Miguel do Araguaia (GO): Retiro Recanto - Fazenda Piratininga (unknown ea), Retiro Cerradão(unknown area). In Silvânia (GO): Fazenda Barreiro (2,158				
				Suppl	y chain links			
Mai	n Comm	odities				Beef		
		oly chain lir f processo	nk, level of ce r	ertainty, and	Yes	High	JBS	
Cart	Wareh	ouses (50	km radius)	2 warehouse owned by local storage companies/cooperatives				
Soy	Supply	y chain link	s & details:	-				
		n terhouses he municip	s (sourcing ality)	Araguaçu (TO) supplies cattle to 7 different meatpackers, including: JBS (Mozarlândia - TO)				
Beef	Supply	y chain link	 Fazenda Rio Verde directly supplied JBS (Mozarlândia, GO) in 2020 and 2021. A linked property, Fazenda Barreiro (Silvânia, GO) directly supplied JBS (Senador Canedo, GO) in 2020, JBS/Friboi (Mozarlândia - GO) in 2020, and JBS/Friboi (Goinânia - GO) in 2023. 					
Other	supply cl	hain links a	and details:	-				
				Gener	al comments			
 Marcelo Henrique Limirio Gonçalves is a known entrepreneur in the farmaceutical sector in Anápolis (GO) (1). He was listed as one of Brazil's top 10 cattle producers in 2022 (2). The linked property, Fazenda Piratininga, is known as being larger than New York (3). Besides the fact of not having any embargoes or environmental fines since it was bought by Marcelo Henrique Limirio, he was investigated for corruption in the health sector in Brazil (4). In September 2023, Marcelo Gonçalves asked the Tocantins Nature Institute (Naturatins) to analyze the CAR for Fazenda Rio Verde. However, no requests for authorization to clear native vegetation on the property were identified (5). (1) https://www.dmanapolis.com.br/noticia/43364/alego-deputado-propoe-titulo-de-cidadania-goiana-a-empresario-anapolino-do-ramo- farmaceutico (2) https://revistaforum.com.br/economia/2022/12/1/quem-so-os-10-maiores-pecuaristas-do-brasil-que-isso-tem-ver-com-amaznia- seu-churrasco-128020.html (3) https://www.mightyearth.org/wp-content/uploads/Rapid-Response_soy-and-cattle_report-5.pdf 								
(5) <u>http</u>	 (4) https://www.gentedeopiniao.com.br/colunista/lucio-flavio-pinto/os-donos-do-gado-e-de-muito-mais-em-rondonia-e-no-pais (5) https://sigam.to.gov.br/cadastrousuarioexterno/detalhe_documento_processo.aspx?cod_protocolo=801267 (number 2023/40319/180500) 							

Methods & Sources

Deforestation and fire alert data are the starting point of the analysis for each case study. After confirming the clearance of native vegetation through satellite imagery, each of the cases is analyzed through the Aidenvironment database crossing data from different sources and datasets as described below. Finally, the data is validated by a local partner, and a qualitative analysis of each case is developed using publicly available data.

Deforestation & Fire

We processed deforestation alert data from the INPE/Deter program for both biomes, Amazon and Cerrado. The Global Forest Watch (GLAD alerts) and the Mapbiomas Alertas platforms are alternative sources. The fire alerts are checked in the NASA/Firms platform and processed using the EO Browser Copernicus Sentinel platform. For each selected case, the deforestation is confirmed through satellite images.

Landownership (SIGEF/SNCI/SNCR) and the Environmental Cadastre self-declaration (CAR)

The landownership data is from the Federal Tenure Land systems SIGEF and SNCI, crossing it with SNCR to identify the owner. The land ownership registration on local notary offices is not checked and might differ from the federal systems. The self-declaration for the Environmental Cadastre (CAR) is checked in the Federal System SICAR, including the Legal Reserves and Permanent Preservation Areas (APP), according to the Brazilian Forest Code. For some states, such as Mato Grosso and Pará, it is possible to check the CAR declarant name through the Environmental State Agencies' CAR platforms. It is essential to highlight that CAR is not recognized as official ownership data.

Brazilian Forest Code protected areas

The Brazilian Forest Code defines Legal Reserves and Permanent Preservation Areas (APP) as having mandatory conservation status on private properties. The size of Legal Reserves in private properties varies according to the biome [80% Amazonia biome, 35% Cerrado biome inside Legal Amazon, and 20% other areas]. Permanent Preservation Areas (APP) are those linked to water and soil conservation areas (close to river bases, wetlands, slopes, and high hills.) The Legal Reserve and APP areas considered in this report are those self-declared within the Cadastro Ambiental Rural (CAR) system – Brazil's environmental registration system. In some cases, the CAR was also used to find information on ownership because even if it is a self-declared document, in some cases, it still provides the most recent information on who is operating in a property.

Conservation Areas and Indigenous Territories

Conservation Areas data is from the ICMBio, responsible for monitoring and managing the Officially recognized Natural Reserves according to the National System of Natural Reserves (SNUC – Sistema Nacional de Unidades de Conservação). The SNUC determines the jurisdiction of the area federal, state, or local government or private owner – and how the natural resources may be used by whom in each of the natural reserves' categories. Indigenous Territories data is from FUNAI, the National Foundation for Indigenous Populations. Indigenous Territories are officially recognized and determine areas where local Indigenous populations have customary rights to access and use the land.

Type of Vegetation and Priority for Biodiversity Conservation

The type of vegetation data is from the IBGE (Brazilian Institute of Geography and Statistics) and Embrapa, consulted through the INPE website. The classification according to the Priority for Biodiversity Conservation is from a study elaborated by the Brazilian Ministry of the Environment, updated in 2018.

Environmental Embargoes and Fines

Embargoed areas and Environmental fines are checked in the database from IBAMA, the Federal Environment Agency. Embargoes are areas where any activity is suspended or unauthorized by IBAMA, oftentimes due to environmental degradation or other crimes such as slavery labor. Properties can be removed from the list of embargoed areas after addressing the problem. Environmental fines are usually linked to regulation infractions and are addressed to the property owner.

Company Group and linked properties

Once the ownership of the property is linked to an individual, we use the SINTEGRA database to check all the registered companies under this individual or group of individuals' names. If a company already registers the ownership, we also check the corporate structure of the company through open-source websites. Once the ownership, linked companies, and corporate structure are defined, we search for other properties registered under the same or similar ownership in the Federal Tenure Land systems SIGEF and SNCI.

Level of certainty of links to soy traders and beef processors

Soy – <u>*High*</u>: the trading relationship between the owner of the property and the trader is confirmed by traders or by the National Supply Company (Conab) trading subsidy programs, or traders have assets (warehouses) within the boundaries of the property; <u>*Medium*</u>: trading relationship with the corporate group, not necessary with the specified property is confirmed by traders or by Conab's subsidy programs; <u>*Low*</u>: the trader is the leading soy exporter in the municipality (Trase platform), or traders have assets (warehouses) within a radius of 50 km from the property.

Cattle – <u>High</u>: animal transportation data (GTA) confirm the direct trading relationship between the property and beef processors; <u>Medium</u>: animal transportation data (GTA) confirm the indirect trading relationship between the property and beef processors; <u>Low</u>: the beef processor is the leading meat exporter in the municipality (Trase platform), or beef processors have assets (slaughterhouse) within a radius of 50 km from the property.

Leading exporters (municipality), warehouses, and slaughterhouses

The data on main soy and beef exporters per municipality is from the Trase platform. The warehouses' location is from the SICARM, and the slaughterhouses' location is from the Ministry of Agriculture. The municipalities' export data and companies' assets' location only indicate a potential trading link, not being used as proof of trading links as explained in the previous item (level of certainty of links to soy traders and beef processors).

CO₂ Emissions

The calculation of CO_2 emissions refers to the "above-ground carbon emissions" according to the cleared vegetation type(s) [Source: Nogueira et al. (2015). Carbon stock loss from deforestation through 2013 in Brazilian Amazonia]. The tons of CO_2 emission is calculated per type of vegetation times the ratio of molecular weight of carbon dioxide to carbon (44/12) times the number of hectares cleared.

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