

REALTIME DEFORESTATION

Monitoring System

Soy and cattle supply chains
Amazon & Cerrado biomes – Brazil

RDM 6 - October 2022



aid
environment




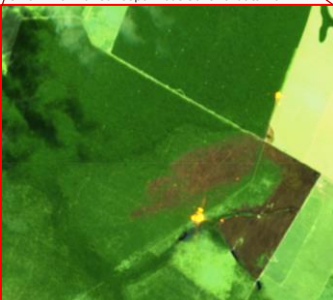
Aidenvironment develops **Realtime Deforestation Monitoring (RDM)** reports to engage companies and urge action towards real-time deforestation events, as well as to support civil society and financial sector stakeholders in their efforts to halt deforestation linked to commodity production and trade.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

The RDM report of October 2022 presents **seven new cases** linking recent deforestation to soy traders’ and beef processors’ supply chains. The seven new cases include the reporting of a total of **19,363 hectares of native vegetation clearance and 511 fire alerts in the Amazon and Cerrado biomes**. Among the reported clearance of native vegetation, around 1,700 hectares are in areas with ‘extremely high’ priority for biodiversity conservation, and around 17,007 hectares fall in areas declared as the properties’ Legal Reserves, mandatory preservation areas according to the Brazilian Forest Code.

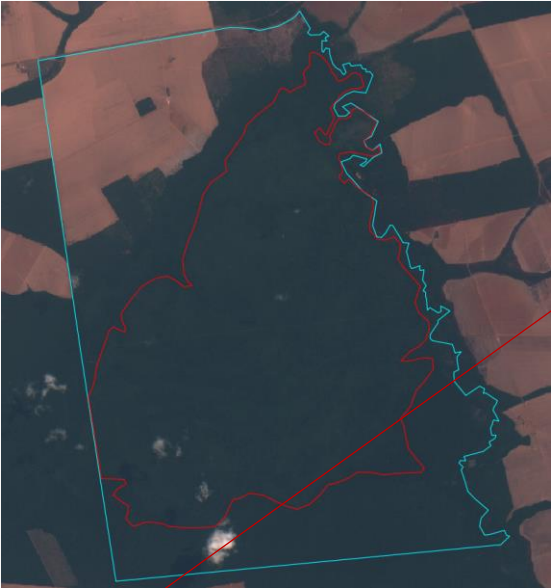
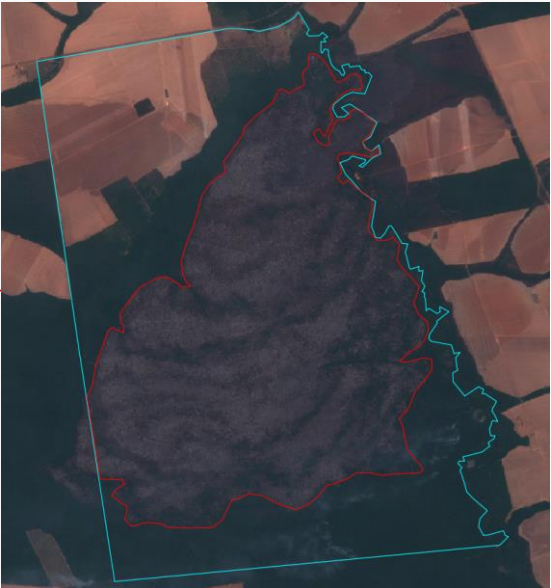


This report includes deforestation events until September 2022.

Table of Contents





	Case Studies	Supply chain	Page
1.	Fazenda Alto Xingu Marcelândia (Mato Grosso)	Beef and Soy	3
2.	Fazenda Sylvia Vera (Mato Grosso)	Timber and Soy	5
3.	Fazenda Santiago Paranatinga (Mato Grosso)	Beef and Soy	7
4.	Fazenda Porta do Céu e Outra Jaborandi (Bahia)	Beef and Soy	10
5.	Fazenda Boa Fé Aldeias Altas (Maranhão)	Soy	12
6.	Fazenda Ouro Verde / Fazenda Terra Fértil Uruçuí (Piauí)	Beef and Soy	14
7.	Condomínio Milla Cajueiro Baixa Grande do Ribeiro (Piauí)	Soy	16
	Methods & Sources		18

Property			
Fazenda Alto Xingu			
Marcelândia, Mato Grosso		Amazon biome	
CAR:	MT-5105580- FFCF3C0B562E4142AC2776C3EB4E1AF6	SIGEF/SNCI:	9011301179515
Area property (ha): 18,878		Coordinates property: -53.81813, -10.65267	
Cleared Area			
Coordinates clearance:		-53.83511, -10.75072	
1,708 hectares		period clearance: Aug to Sep 2022	
- fires alerts			
Inside Forest Code's protected areas: Yes		1708 ha inside declared Legal Reserve	
Type of vegetation:	Semidecidual Seasonal Forest	Priority for Biodiversity Conservation:	Extremely high
Conservation area(s) (overlapping or bordering):		-	
Indigenous Territories (overlapping or bordering):		Close to Parque Indígena do Xingu	
Before & After Imagery: limits of the property (blue) limits of the cleared area (red)			
August 2022		September 2022	
			
Source: European Union - EO Browser Copernicus Sentinel data 2022		Source: European Union - EO Browser Copernicus Sentinel data 2022	
			
		Fires 05 th Sep 2022	
		Source: European Union, contains modified 2022, processed with EO Browser Copernicus Sentinel data	
			
		Fires 16 th Aug 2022	
		Source: European Union, contains modified 2022, processed with EO Browser Copernicus Sentinel data	

Environmental fines and embargoes				
Embargoes:	Yes	3 embargoes: 1 in 2004 for unknown reason (removed in 2013), 1 in 2016 for deforestation (removed in 2022), and 1 in 2021 for deforestation at special area between 2016 and 2018		
Environmental fines:	Yes	6 environmental fines, all in Marcelândia (MT): 2 for irregular fires in 2004 and 2016; 1 for irregular transport of timber in 1997, 1 for clearance of native vegetation without proper authorization in 2004; 1 for forest forest degradation in 2011; 1 for false information in official documents in 2020	BRL 3,891,806	
Ownership and other linked properties				
Ownership:	Nazir Haddad			
Company group:	Xingu Madeiras Indústria e Comércio			
Linked properties:	One other property in São José do Xingu (MT): Fazenda São Jorge (2,080 ha)			
Supply chain links				
Main Commodities		Beef and Soy		
Confirmed supply chain link, level of certainty, and soy trader/ beef processor		Yes	Medium / Low	JBS / Cofco
Soy	Main exporters (municipality)	Cofco (100%)		
	Warehouses (50 km radius)	No warehouses within 50 km from the property		
	Supply chain links & details:	-		
Beef	Main traders (municipality)	JBS (77%), Marfrig (6%), others (17%)		
	Slaughterhouses (sourcing from the municipality)	8 meatpackers source cattle from Marcelândia (MT), e.g.: 1 slaughterhouse owned by JBS (Colider - MT); 1 by Marfrig (Tangará da Serra - MT)		
	Supply chain links & details:	Indirect supplied JBS (Colider - MT) through Fazenda Três Chachoeiras (Guarantã do Norte - MT) in 2018		
Other supply chain links and details:		Property and owners are linked to timber		
General comments				
Fazenda Alto Xingu has an AUTEX (Authorization for Sustainable Forest Management) covering 397 ha in the area where deforestation was detected valid until October 2019. The property has an embargoed area for deforestation in special area between 2016 and 2018 (1) Nazir Haddad Filho donated BRL 2,000 to Jair Bolsonaro (current president) campaign for the presidential election in 2022 (2). Fazenda Alto Xingu is listed as one of the properties that raise Nelore cattle (3). Nazir Haddad received a BNDES loan in September 2021 for machinery acquisition destined to soy operations in Marcelândia. The financing institution accredited that intermediated the loan was Banco de Lage Landen Brasil S.A. - a local subsidiary of the Dutch bank Rabobank (4).				
(1) Embargo issued by Sema-MT: http://www.sema.mt.gov.br/transparencia/index.php/fiscalizacao-ambiental#331-areas-embargadas / https://geoportal.sema.mt.gov.br/#/ (2) https://ndmais.com.br/eleicoes-2022/candidatos/brasil/22-jair-bolsonaro-presidente/ (3) https://qualitas.agr.br/criadores-nelore/#matogrosso (4) BNDES database				

Property	
Fazenda Sylvia	
Vera, Mato Grosso	Amazon biome
CAR: MT-5108501-B415E4C81A0C48A2ABFDE13BA6B9F58B	SIGEF/SNCI: 9011641389247
Area property (ha): 6,305	Coordinates property: -55.12848, -12.29111
Cleared Area	
Coordinates clearance:	-55.12603, -12.29554
3,383 hectares	period clearance: Aug to Sep 2022
280 fires alerts	
Inside Forest Code's protected areas: Yes	3383 ha inside declared Legal Reserve
Type of vegetation: Semidecidual Seasonal Forest	Priority for Biodiversity Conservation: Very high
Conservation area(s) (overlapping or bordering): -	
Indigenous Territories (overlapping or bordering): -	
Before & After Imagery: limits of the property (blue) limits of the cleared area (red)	
August 2022	
	
Source: European Union - EO Browser Copernicus Sentinel data 2022	
September 2022	
	
Source: European Union - EO Browser Copernicus Sentinel data 2022	
Fires	
24 th Aug 2022	
	
Source: European Union, contains modified 2022, processed with EO Browser Copernicus Sentinel data	
29 th Aug 2022	
	
Source: European Union, contains modified 2022, processed with EO Browser Copernicus Sentinel data	

Environmental fines and embargoes				
Embargoes: No -				
Environmental fines:	Yes	8 environmental fines between 1996 and 2000, all in Mato Grosso: 6 for irregular timber transport and trading in Várzea Grande, Vera, and Cuiabá; 1 unknown reason in Vera; 1 for illegal clearance of native vegetation in Várzea Grande in 1996		BRL 251,056
Ownership and other linked properties				
Ownership:	Sylvia Cecília Nyffeler de Paula Machado, Irene Souza Pinto Nyffeler, Alfred Willian Nyffeler, Caio de Paulo Machado, João Alfredo Nyffeler Cunha, Marcelo Niffeler Cunha			
Company group:	Irene Souza Pinto Nyffeler e Outras			
Linked properties:	One bordering property also named as Fazenda Sylvia (1,585 ha). The property CAR declaration covers both areas.			
Supply chain links				
Main Commodities		Timber and soy		
Confirmed supply chain link, level of certainty, and soy trader/ beef processor		Yes	Low	Cofco, Bunge, Amaggi
Soy	Main exporters (municipality)	Amaggi (100%)		
	Warehouses (50 km radius)	82 warehouses, i.e.: 2 Cofco, 1 Bunge, 1 Amaggi		
	Supply chain links & details:	-		
Beef	Main traders (municipality)	JBS (69%), Minerva (20%), others (11%)		
	Slaughterhouses (sourcing from the municipality)	6 meatpackers source cattle from Vera (MT), e.g.: 2 slaughterhouses owned by JBS (Diamantino - MT, Juara - MT); 3 by Marfrig (Paranatinga - MT, Várzea Grande - MT, Tangará da Serra - MT)		
	Supply chain links & details:	-		
Other supply chain links and details:		Sugar cane and corn production in Fazenda Acalanto (Santa Rita do Passa Quatro - SP)		
General comments				
Two of the registered owners, Irene Souza Pinto Nyffeler and Sylvia Cecilia Nyffeler de Paula Machado, have already passed away (1). Fazenda Sylvia was leased to the Ferrarin family in 2015. The leasing contract was originally valid until 2020 (2). Ferrarin family sold corn from Fazenda Sylvia to COFCO in 2018 (3), besides having ongoing debt legal disputes with the company (4). Evidence suggests that Ferrarin family stopped to operate in this farm in 2020, and the area has since then being operated by Jonathan Lazarotto (5). Lazarotto has supplied Amaggi, Bunge and Cofco in the past from another farm - Fazenda Sossego - in Sorriso (MT) (6).				
(1) https://www.escavador.com/processos/119424315/processo-1133-9420148110102-do-diario-de-justica-do-estado-do-mato-grosso				
(2) https://www.jusbrasil.com.br/diarios/1176401977/djmt-caderno-judicial-das-comarcas-07-04-2022-pg-559/ / https://www.jusbrasil.com.br/diarios/1117137013/djmt-caderno-judicial-das-comarcas-16-03-2021-pg-680				
(3) non-disclosure source				
(4) https://www.jusbrasil.com.br/jurisprudencia/tj-mt/1534931276/inteiro-teor-1534933498				
(5) Folder “Fazenda Sylvia” and https://www.jusbrasil.com.br/diarios/1117137013/djmt-caderno-judicial-das-comarcas-16-03-2021-pg-680				
(6) non-disclosure source				

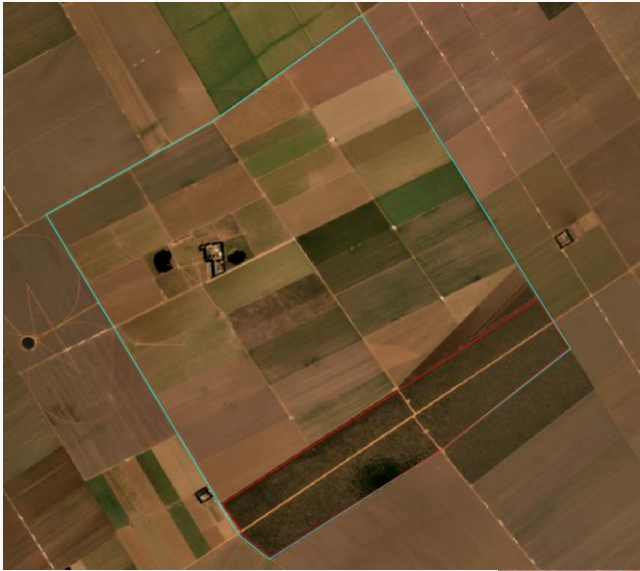

Property	
Fazenda Santiago	
Paranatinga, Mato Grosso	Amazon biome
CAR: MT-5106307-951D3A256A5B40DC86B909177F7F88C1	SIGEF/SNCI: -
Area property (ha): 36,732	Coordinates property: -54.29843, -13.01486
Cleared Area	
Coordinates clearance:	-54.28196, -13.01467
11,392 hectares	period clearance: Jul to Sep 2022
220 fires alerts	
Inside Forest Code's protected areas: Yes	11392 ha inside declared Legal Reserve
Type of vegetation: Semidecidual Seasonal Forest	Priority for Biodiversity Conservation: No
Conservation area(s) (overlapping or bordering): Bordering Estação Ecológica do Rio Ronuro	
Indigenous Territories (overlapping or bordering): Close to Parque Indígena do Xingu	
<p>Before & After Imagery: limits of the property (blue) limits of the cleared area (red)</p> <p>July 2022</p> <div><div><p>Source: European Union - EO Browser Copernicus Sentinel data 2022</p></div><div><p>Fires 21st Aug 2022</p><p>Source: European Union, contains modified 2022, processed with EO Browser Copernicus Sentinel data</p></div></div> <p>September 2022</p> <div><div><p>Source: European Union - EO Browser Copernicus Sentinel data 2022</p></div><div><p>15th Sep 2022</p><p>Source: European Union, contains modified 2022, processed with EO Browser Copernicus Sentinel data</p></div></div>	

Environmental fines and embargoes				
Embargoes:	Yes (other links)	4 embargoes: 1 embargo for unknown reason in 2017 (removed in 2020); 1 embargo for unknown reason in 2018 in the linked farm Fazenda Cristo Rei (Paranatinga - MT), removed in 2020; 1 embargo for deforestation in 2020 in the linked farm Fazenda Santo Antônio do Paraíso (Itiquira - MT) and 1 embargo for deforestation of a special area in 2020 in the linked farm Fazenda Santo Antônio do Paraíso I (Itiquira - MT) (2)		
Environmental fines:	Yes	10 environmental fines between 2001 and 2020 in Mato Grosso and Mato Grosso do Sul: 2 for illegal clearance of native vegetation in Paranatinga (MT) in 2017 and 2018; 2 for irregular use of agrochemicals in 24,000 ha of Fazenda Santiago in 2020; 1 for environmental degradation in the same area of Fazenda Santiago.	BRL 75,972,200	
Ownership and other linked properties				
Ownership:	Agropecuária Rio da Areia			
Company group:	Agropecuária Rio da Areia (owners: Edio Nogueira, Francine Junqueira Nogueira Cassaro, Carmen Silvia Junqueira Nogueira, Simone Junqueira Nogueira)			
Linked properties:	Other 4 properties totaling at least 120,900 ha. In Paranatinga (MT): Fazenda Cachoeira Alta (unknown area). In Itiquira (MT): Fazenda Santo Antônio do Paraíso (102,000 ha). In Santo Antônio do Leverger (MT): Fazenda Santa Edwiges (18,900 ha). In Caracol (MS): Fazenda Ouro e Prata (unknown area)			
Supply chain links				
Main Commodities		Beef and Soy		
Confirmed supply chain link, level of certainty, and soy trader/ beef processor		Yes	Medium / Low	JBS / Marfrig, Minerva, Bunge
Soy	Main exporters (municipality)	Bunge (99%), others (1%)		
	Warehouses (50 km radius)	4 warehouses, i.e.: 1 Bunge		
	Supply chain links & details:	-		
Beef	Main traders (municipality)	Marfrig (57%), JBS (24%), Minerva (7%), others (12%)		
	Slaughterhouses (sourcing from the municipality)	12 meatpackers source cattle from Paranatinga (MT), e.g.: 4 slaughterhouses owned by JBS (Diamantino - MT, Colider - MT, Pedra Preta - MT, Água Boa - MT); 3 by Marfrig (Paranatinga - MT, Várzea Grande - MT, Nova Xavantina - MT); 1 by Minerva (Paranatinga - MT)		
	Supply chain links & details:	A linked property, Fazenda Santa Edwiges (Santo Antônio do Leverger - MT), directly supplied JBS (Pedra Preta - MT) in 2018. A linked property, Fazenda Cachoeira Alta (Paranatinga - MT), indirectly supplied Marfrig (Paranatinga - MT) through Fazenda Agrochapada (Paranatinga - MT), and Minerva (Várzea Grande and Paranatinga - MT) in 2018 and 2019. A linked property, Fazenda Santo Antônio do Paraíso (Itiquira - MT), indirectly supplied Minerva (Várzea Grande - MT) through Fazenda Argemira (Itiquira - MT) in 2018.		
Other supply chain links and details:		-		

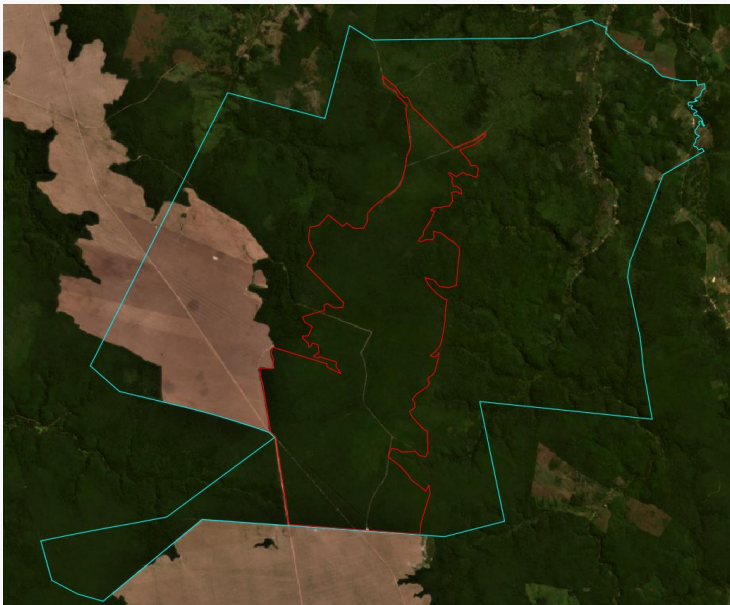
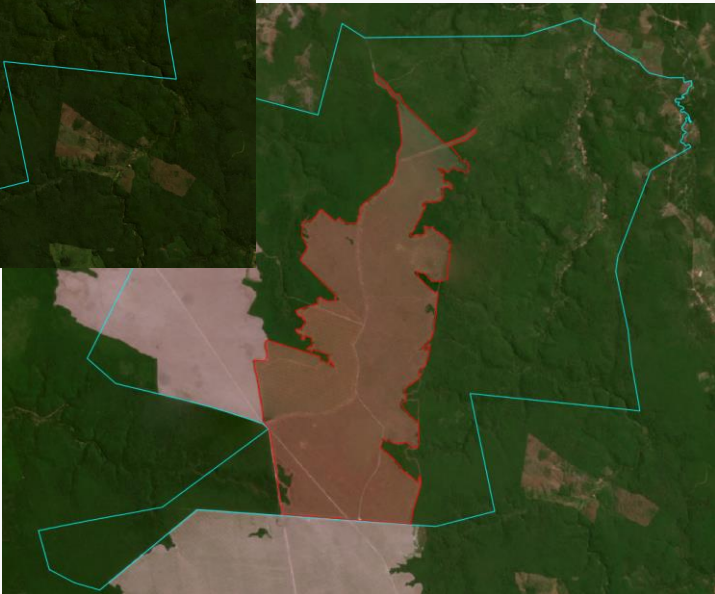
General comments

Edio Nogueira was part of the list of the largest deforesters in Amazon due to the deforestation of 24,000 hectares in Fazenda Santiago in Paranatinga (MT) in 2018. The area has been converted into pasture for cattle breeding. According to the investigation, the farmer's property overlaps an area claimed by the Ikpeng indigenous people. The environmental fine applied to Nogueira was the largest fine issued by Ibama between August 2019 and July 2020 (3), and the sixth largest applied by the Institute between 2018 and 2021 (4). An operation conducted by the Mato Grosso Public Prosecutor's Office and Ibama indicates that the boundaries of Fazenda Santiago were incorrectly informed in the State Environmental Agency (Sema) system aiming to turn legal the deforestation fraudulently expanding the farm's non-mandatory conservation areas (5). Amaggi Exportação e Importação filled a lawsuit against Agropecuária Rio da Areia for not delivering 131,670 sacks of soybeans as part of a trading contract between both parts in 2021 (6).



- (1) Ibama: <https://dadosabertos.ibama.gov.br/dataset/fiscalizacao-auto-de-infracao>. Fines in the name of Edio Nogueira
- (2) Sema-MT: <http://www.sema.mt.gov.br/transparencia/index.php/fiscalizacao-ambiental#331-areas-embargadas>
- (3) <https://veja.abril.com.br/brasil/os-10-fazendeiros-que-mais-desmataram-a-amazonia-nos-ultimos-meses/>
<https://reporterbrasil.org.br/2021/11/fazendeiros-jogam-agrotoxico-sobre-amazonia-para-acelerar-desmatamento/>
- (4) https://www.camara.leg.br/proposicoesWeb/prop_mostrarintegra;jsessionid=node01hywekicd0lj1w2bsemuv5by113398544.node0?codteor=2195819&filename=Tramitacao-RIC+218/2022
- (5) <https://webcache.googleusercontent.com/search?q=cache:B5IQAxIDXaYJ:https://www.pontonacurva.com.br/download.php%3Fid%3D12997&cd=2&hl=pt-BR&ct=clnk&gl=br/> / <https://www.olharjuridico.com.br/noticias/exibir.asp?id=49267¬icia=justica-recebe-novo-processo-da-operacao-polygonum-contra-ex-secretario-de-meio-ambiente> / <https://www.hnt.com.br/justica/mp-nao-encontra-provas-para-oferecer-denuncia-contra-ex-secretario-no-caso-da-fazenda-santiago/288353>
- (6) <https://www.iusbrasil.com.br/processos/467587515/processo-n-100XXX-8420218110000-do-timt> / <http://servicos.timt.ius.br/processos/comarcas/dadosProcesso.aspx> (process number: 1007061-51.2021.8.11.0041) / <https://www.folhamax.com/economia/juiz-manda-colher-soja-para-grupo-uitar-divida-com-ex-governador-de-mt/296127>

Property	
Fazenda Porta do Céu e Outra	
Jaborandi, Bahia	Cerrado biome
CAR: BA-2917359-79749A63594D4B7D8391E638FBDFAF06 / BA-2917359-6EAA26F7D4534341AF10387C333773C6	SIGEF/SNCI: 9500254532261
Area property (ha): 3,095	Coordinates property: -45.83234, -14.12029
Cleared Area	
Coordinates clearance:	-45.82047, -14.13807
524 hectares	period clearance: Jun to Aug 2022
11 fires alerts	
Inside Forest Code's protected areas: Yes	524 ha inside declared Legal Reserve
Type of vegetation: Savanna Park	Priority for Biodiversity Conservation: No
Conservation area(s) (overlapping or bordering): -	
Indigenous Territories (overlapping or bordering): Close to Refúgio de Vida Silvestre Veredas do Oeste Baiano	
Before & After Imagery: limits of the property (blue) limits of the cleared area (red)	
June 2022	
	
Source: Imagery ©2022 Planet Labs Inc.	
August 2022	
	
Source: Imagery ©2022 Planet Labs Inc.	


Environmental fines and embargoes				
Embargoes: No -				
Environmental fines: No -				-
Ownership and other linked properties				
Ownership: Elisabeth Kurtz				
Company group: No linked company found				
Linked properties: Other 3 properties totaling at least 1,620 ha. In Jaborandi (BA): Fazenda Céu Azul (unknown area). In Coribe (BA): Fazenda Terra Prometida III / Fazenda Motalvão (920 ha). In Diamantino (MT): Fazenda Retiro I and II (700 ha)				
Supply chain links				
Main Commodities		Beef and Soy		
Confirmed supply chain link, level of certainty, and soy trader/ beef processor		Yes	Low	Cargill
Soy	Main exporters (municipality)	Cargill (100%)		
	Warehouses (50 km radius)	11 warehouses, i.e.: 2 Multigrain		
	Supply chain links & details:	-		
Beef	Main traders (municipality)	JBS (80%), Frigosol (20%)		
	Slaughterhouses (sourcing from the municipality)	Indirectly supplied regional slaughterhouses		
	Supply chain links & details:	-		
Other supply chain links and details:		-		
General comments				
<p>In June 2022, Elisabeth Kurtz obtained authorization from the environmental agency of Bahia for the suppression of 621 hectares in Porta do Céu and Céu Azul farms, in Jaborandi (BA) (1). The producer is a beneficiary of Bahia's Agricultural Development Program (PRODEAGRO), which finances technological modernization and infrastructure projects for producers (2) and is part of Bahia Association of Farmers and Irrigators (AIBA) (3).</p>				
<p>(1) https://www.iusbrasil.com.br/diarios/1187224549/doi-ba-09-06-2022-pg-42 (2) https://drive.google.com/file/d/1aVMEkFXygTPcrAR3Ao5tSV3DYfjGSOo/view / http://www.seagri.ba.gov.br/content/prodeagro (3) https://issuu.com/abapainforma/docs/infome_aiba_e_abapa_junho_-_digital</p>				

Property			
Fazenda Boa Fé			
Aldeias Altas, Maranhão		Cerrado biome	
CAR:	No CAR declaration	SIGEF/SNCI: 1080140016354	
Area property (ha): 6,077		Coordinates property: -43.26175, -4.36026	
Cleared Area			
Coordinates clearance:		-43.26678, -4.37849	
1,366 hectares		period clearance: Jun to Aug 2022	
- fires alerts			
Inside Forest Code's protected areas: No data		- -	
Type of vegetation:	Semidecidual Seasonal Forest	Priority for Biodiversity Conservation:	Very high
Conservation area(s) (overlapping or bordering):		-	
Indigenous Territories (overlapping or bordering):		-	
Before & After Imagery: limits of the property (blue) limits of the cleared area (red)			
June 2022			
		August 2022	
			
Source: Imagery ©2022 Planet Labs Inc.		Source: Imagery ©2022 Planet Labs Inc.	

Environmental fines and embargoes				
Embargoes:	No	-		
Environmental fines:	No	-		
Ownership and other linked properties				
Ownership:	Itapiranga Agropecuária			
Company group:	Itapiranga Agropecuária, Companhia Agro Industrial de Goiânia, Itaipava, Itaberaba Agropecuária, Itabuna Agropecuária, Itaocara Agropecuária, Itaimbe Agropecuária, Itapuama Agro Industrial e Serviços, Grupo João Santos			
Linked properties:	Other 6 properties totaling 16,890 ha. In Aldeias Altas (MA): Lacerlândia (2,000 ha), Vargem (2,420 ha), Brejo do Mota (3,570 ha), Lagoa do Arroz (3,170 ha), Lagoa Verde (4,030 ha), Estiva e Cantinho (1,700 ha)			
Supply chain links				
Main Commodities		Soy		
Confirmed supply chain link, level of certainty, and soy trader/ beef processor		Yes	-	-
Soy	Main exporters (municipality)	No data		
	Warehouses (50 km radius)	2 warehouses: 1 Cerealista Belchior, 1 Norte Grãos Agronegócios		
	Supply chain links & details:	-		
Beef	Main traders (municipality)	Meridional (100%)		
	Slaughterhouses (sourcing from the municipality)	12 local and regional meatpackers source cattle from Aldeias Altas (MA)		
	Supply chain links & details:	-		
Other supply chain links and details:		-		
General comments				
<p>Itapiranga Agropecuária, one of the registered owners of Fazenda Boa Fé, is part of Grupo João Santos, a conglomerate that has businesses in nine Northeast Brazilian states. Its main activity is construction/cement, next to sugar and ethanol production, pulp and paper, transportation, mining, and communication (1). A linked property, Fazenda Belém, had 724 ha of wooded savannah cleared between 17 Sep and 17 Oct 2019 (2). The Grupo São João has 47 affiliated companies, many of them became inactive after the group accumulated total debts of BRL 8 billion for unpaid taxes (3). From the eleven industrial facilities owned by the group, nine are closed. The main economic activity of Itapiranga Agropecuária seems to be apiculture (4). Since the founder of the family business, João Pereira dos Santos, passed away in 2009, two of his sons, Fernando and José Bernardino, took over the control of the family business. However, other relatives have accused the two brothers of fraud and money laundering. The group has BRL 60 million in debts due to labor lawsuits (5). In 2006, the group was listed in the “dirty list” of employers who submitted workers to conditions analogous to slavery after 49 workers were rescued from Fazenda Terra Nova, owned by Itapicuru Agro Industrial in Tuntum (MA) (5). Since its bankruptcy, the group also accumulates debts with its former workers (6, 7). In 2003, the group ordered the expulsion of landless workers from Engenho Prado, in Nazaré da Mata (PE), who reported several threats by gunmen prior to the judicial order in favor of Grupo João Santos (8). In 1998, a rural worker was killed by police officers during a strike in Usina Santa Teresa, that was then part of the group's operations (9). In May 2021, the group was the target of a Federal Police operation, which investigates the practice of tax and financial crimes, as well as the formation of a criminal organization and money laundering (10).</p>				
<p>(1) https://www.istoedinheiro.com.br/noticias/negocios/20100812/disputa-por-imperio/41421 (2) http://www.mightyearth.org/wp-content/uploads/Rapid-Response_Soy-and-Cattle_Report-8.pdf (3) https://valor.globo.com/empresas/noticia/2018/09/14/briga-entre-herdeiros-acirra-crise-do-grupo-cimenteiro-joao-santos.ghmtl (4) https://cnpis.rocks/cnpj/05746953000117/itapiranga-agropecuaria-ltda.html (5) https://valor.globo.com/empresas/noticia/2018/09/14/briga-entre-herdeiros-acirra-crise-do-grupo-cimenteiro-joao-santos.ghmtl; https://marcozero.org/ex-funcionarios-do-grupo-joao-santos-aguardam-indenizacoes-trabalhistas-ha-anos/ (6) http://cmcoelhonetoma.gov.br/noticias/noticias/exibe/0019045-vereador-mohabe-branco-reforca-criticas-do-descaso-com-trabalhadores-pelo-grupo-joao-santos (7) https://observatoriodoscocais.com/vitoria-trabalhadores-do-grupo-joao-santos-recebem-primeira-parcela-de-acordo-apos-venda-da-fazenda-cajulandia/ (8) https://www.social.org.br/relatorio2003/relatorio004.htm (9) https://g1.globo.com/pb/paraiba/noticia/2018/12/10/fazenda-onde-membros-do-mst-morreram-e-de-usina-condenada-por-execucao-de-trabalhador.ghmtl (10) https://deolhonosruralistas.com.br/2021/05/05/alvo-da-pf-grupo-joao-santos-tem-divida-tributaria-de-r-8-bi-e-historico-de-trabalho-escravo/; https://valor.globo.com/politica/noticia/2021/05/05/pf-de-bernabuco-deflagra-operacao-que-envolve-empresas-do-grupo-joao-santos.ghmtl</p>				

Property	
Fazenda Ouro Verde / Fazenda Terra Fértil	
Uruçuí, Piauí	Cerrado biome
CAR: PI-2211209-BE6059C6E3F54E0883EBF346CC360060 / PI-2211209-3EFE1B6C013746238DB5C743F947E8F6	SIGEF/SNCI: 9500252721164
Area property (ha): 6,052	Coordinates property: -44.51360, -7.59151
Cleared Area	
Coordinates clearance:	-44.50029, -7.61847
658 hectares	period clearance: Jun to Sep 2022
- fires alerts	
Inside Forest Code's protected areas: No	- -
Type of vegetation: Wooded Savanna	Priority for Biodiversity Conservation: No
Conservation area(s) (overlapping or bordering): -	
Indigenous Territories (overlapping or bordering): -	
Before & After Imagery: limits of the property (blue) limits of the cleared area (red)	
June 2022	
	
Source: Imagery ©2022 Planet Labs Inc.	
September 2022	
	
Source: Imagery ©2022 Planet Labs Inc.	

Environmental fines and embargoes				
Embargoes:	Yes	2 linked embargoes: 1 in 2018 for unknown reason in Fazenda Seara (Jaborandi - BA) (removed in 2019); 1 in 2019 for unauthorized cultivation of GMO in Fazenda Bela Vista (Correntina - BA) (removed in 2019)		
	(other links)			
Environmental fines:	Yes	6 environmental fines: 1 for activities in an embargoed area in 2014 and 1 for illegal airport operation in 2018, both in Fazenda Seara (Jaborandi - BA); 2 for GMO cultivation without proper authorization in Fazenda Texas and Triângulo (Jaborandi - BA) in 2015 and in 2017; 1 for irregular use of agrochemicals in Jaborandi (BA) in 2017; 1 for GMO cultivation without proper authorization in Fazenda Bela Vista (Correntina - BA) in 2019		BRL 1,388,000
	(other links)			
Ownership and other linked properties				
Ownership:	Harald Kudiess			
Company group:	Icône Agrícola, JH Sementes, Basis Agrícola, texas Empreendimentos Agrícolas			
Linked properties:	Other 6 properties totaling 16,890 ha. In Aldeias Altas (MA): Lacerlândia (2,000 ha), Vargem (2,420 ha), Brejo do Mota (3,570 ha), Lagoa do Arroz (3,170 ha), Lagoa Verde (4,030 ha), Estiva e Cantinho (1,700 ha)			
Supply chain links				
Main Commodities		Beef and Soy		
Confirmed supply chain link, level of certainty, and soy trader/ beef processor		Yes	Low	Bunge
Soy	Main exporters (municipality)		Amaggi (21%), Bunge (15%), others (3%), [Domestic Consumption (61%)]	
	Warehouses (50 km radius)		21 warehouses, i.e.: 1 Bunge	
	Supply chain links & details:		-	
Beef	Main traders (municipality)		Meridional (89%), PampaFoods (11%)	
	Slaughterhouses (sourcing from the municipality)		1 local and regional meatpackers source cattle from Uruçuí (PI)	
	Supply chain links & details:		Directly and indirectly supplied regional slaughterhouses	
Other supply chain links and details:		-		
General comments				
<p>Harald Kudiess belongs to a German-origin family with five brothers. The family migrated from Rio Grande do Sul to the states of Bahia and Piauí in the 1980s, becoming one of the most important producers in Matopiba. In Uruçuí (Piauí), Harald owns 8 properties totaling 23,724 ha. He also owns another 8 farms in Bahia, totaling 6,578 ha in Correntina and 5,078 ha in Jaborandi. Texas Empreendimentos Agrícolas is a linked company active in soy production in Bahia (1). Another linked property in Piauí, was pointed by the Instituto de Terras do Piauí (ITERPI) as a “land grabbing case”. Although the court decided for the conviction of Harald giving the ownership of the land back to ITERPI, this governmental institute abandoned the case and there was eventually no confirmation of Harald's conviction (3). A linked company, JH Sementes (partnership between Harald and John Kudiess, produces soy, corn, and cotton seeds (4). The company has operations in Mato Grosso, Goiás, Bahia, Tocantins, Maranhão, Piauí, Pará, and Acre states and in the Federal District. Through a partnership with Monsanto, 60 percent of the Kudiess brothers' production is GMO varieties. In 2018, BrasilAgro sold 9,784 ha of Fazenda Jatobá for BRL 177.9 million to JH Sementes (5). In 2015, John Kudiess was prosecuted for environmental crimes in the natural conservation area of Terra Ronca, in Goiás state (6). In 2019, John Kudiess was embargoed by Ibama for illegal use of GMOs in Fazenda Bela Vista (Correntina, Bahia). Another brother, Heinz Kudiess, owns Grupo Aurora-Sérios, one of the largest seed companies in Brazil that went bankrupt in 2016 with total debts of BRL 298 million (7). He is a member of the Brazilian Association of Soy Seed Producers (Abrass), one of financiers of politicians linked to Agribusiness (8). Thomas Kudiess, another brother, was investigated in the state of Piauí for accidentally leaking agrochemicals in a local river, causing the death of rural workers (9). In August 2022, Harald Kudiess was in a meeting with the governor of the state of Bahia and representatives of two energy companies, the Brazilian Impacto Energia and the American ICM. The meeting discussed the feasibility of an industrial complex in western Bahia and the details for the establishment of the first refinery to produce ethanol from corn, planned for 2025 (10).</p>				
<p>(1) https://www.quadrosocietario.com/nome/harald-kudiess (2) https://servicos.ibama.gov.br/ctf/publico/areasembargadas/ConsultaPublicaAreasEmbargadas.php (3) http://www.tjpi.jus.br/themisconsulta/processo/303960538 (4) http://jhsementes.com.br/novo/ (5) https://chainreactionresearch.com/wp-content/uploads/2018/11/BrasilAgro-Company-Profile.pdf (6) http://www.mpggo.mp.br/portal/noticia/mp-denuncia-fazendeiro-por-crime-ambiental-causado-na-regiao-do-parque-estadual-terra-ronca (7) https://www.valor.com.br/agro/4510492/justica-aceita-pedido-de-recuperacao-judicial-do-grupo-aurora-serios (8) https://deolhonosruralistas.com.br/2019/05/21/multinacionais-sao-financiadoras-ocultas-da-frente-parlamentar-da-agropecuaria/ (9) https://www.gp1.com.br/noticias/prefeito-de-ribeiro-goncalves-e-investigado-por-envenenamento-de-agua-potavel-e-homicidio-culposos-264777.html (10) https://www.jornalgrandebahia.com.br/2022/08/protocolo-de-intencoes-assinado-pelo-governador-rui-costa-preve-convenio-entre-o-estado-da-bahia-e-a-ibea-para-construcao-de-complexo-industrial-no-oeste-do-estado; https://www.moneytimes.com.br/icm-e-brasileira-impacto-energia-construira-biorrefinaria-de-etanol-de-milho-na-bahia</p>				

Property	
Condomínio Milla Cajueiro	
Baixa Grande do Ribeiro, Piauí	Cerrado biome
CAR: PI-2201150-C71B3D0A6E544207834DA5E3E7421200	SIGEF/SNCI: 9500256223207
Area property (ha): 8,000	Coordinates property: -45.25188, -8.33448
Cleared Area	
Coordinates clearance:	-45.23441, -8.34412
332 hectares	period clearance: Jul to Sep 2022
- fires alerts	
Inside Forest Code's protected areas: No	- -
Type of vegetation: Wooded Savanna	Priority for Biodiversity Conservation: No
Conservation area(s) (overlapping or bordering): -	
Indigenous Territories (overlapping or bordering): -	
<p>Before & After Imagery: limits of the property (blue) limits of the cleared area (red)</p> <p>July 2022</p> <div><p>Source: Imagery ©2022 Planet Labs Inc.</p></div> <p>September 2022</p> <div><p>Source: European Union - EO Browser Copernicus Sentinel data 2022</p></div>	

Environmental fines and embargoes				
Embargoes:		No	-	
Environmental fines:	Yes	2 environmental fines for clearance of native vegetation without proper authorization in 2006 (Baixa Grande do Ribeiro - PI)		BRL 512,900
Ownership and other linked properties				
Ownership:		Ernest Milla Agrícola		
Company group:		Ernest Milla Agrícola, Macaúba Agronegócio, Macaúbapar Participações, Karl Milla Agrícola, Egon Milla Agrícola, Robert Milla Agrícola, Irmãos Milla Participações, Horizontina Lester Participações, Milla Participações (owners: Ernest Milla, Karl Eduard Milla, Robert Milla, Peter Spiess Junior		
Linked properties:		Other 3 properties totaling 7,220 ha. Baixa Grande do Ribeiro (PI): Fazenda Quixabá (4,450 ha), Fazenda Riachão (1,220 ha), Fazenda Paraizo (1,550 ha)		
Supply chain links				
Main Commodities		Soy		
Confirmed supply chain link, level of certainty, and soy trader/ beef processor		Yes	Low	Bunge
Soy	Main exporters (municipality)		Risa (100%)	
	Warehouses (50 km radius)		28 warehouses, i.e.: 1 Bunge	
	Supply chain links & details:		-	
Beef	Main traders (municipality)		No data	
	Slaughterhouses (sourcing from the municipality)		No data	
	Supply chain links & details:		-	
Other supply chain links and details:		-		
General comments				
<p>Condomínio Milla is a family-owned business with properties in Paraná and Piauí states. The company produces soybeans, corn, wheat and barley. A linked property, Fazenda Cajueiro, was considered the most productive farm in North/Northeast Brazil in the 2019/2020 harvest by CESB (Comitê Estratégico Soja Brasil - Brazilian Soy Strategic Committee). It produced around 6,000 kg of soy per hectare, roughly the double of soy production average in Cerrado biome (3). The head of the family business and farms is an Austrian-Brazilian, based in Guarapuava (PR), who started to purchase lands in Baixa Grande do Ribeiro (PI) around 2000's (4). One of his sons is the current vice-president of Aprosoja in Piauí (5), and was the vice-president of Aprosoja in Paraná in 2013 (6). Two Milla family members were fined by the federal environmental agency (Ibama), and issued lawsuit against Ibama (7, 8). In July 2022, a document from the Piauí Land Institute (Iterpi) shows that Ernest Milla Agrícola had its request for a certificate of dominial regularity for properties located in Baixa Grande do Ribeiro (PI) denied for not having delivered to the agency the certificates of dominial chain of the properties in the region (9). Since November 2020, the Special Group for Land Regularization and Combating Land Grabbing (Gergoc), of the Public Prosecutor's Office of the State of Piauí (MP-PI), conduces a criminal investigation to investigate possible fraud in the property registration of Ernest Milla, Karl Eduard Milla, and Egon Heinrich, administrators of Ernest Milla Agropecuária. The MP-PI believes that the producers may have benefited from the frauded of public documents of Ernest Milla Agrícola farm's in Piauí (10). Over the last five years several members of the Milla family received BNDES loans to Baixa Grande do Ribeiro's soy operations. The loans were intermediated by Banco Rabobank, Banco John Deere and Banco Itaú (11)</p>				
<p>(1) http://www.condominiomilla.com/ (2) http://cnpj.info/Ernest-Milla-Agricola-Ltda (3) https://www.sucessonocampo.com.br/noticias/produtor-colhe-mais-que-o-dobro-da-media-nacional-e-o-campeao-do-desafio-cesb/ (4) https://www.gazetadopovo.com.br/agronegocio/agricultura/horizonte-promissor-e-aposta-no-futuro-3b2fyh9tg7jrcdkf1pttzyknh/ (5) https://aprosojabrasil.com.br/comunicacao/blog/2020/10/02/aprosoja-piaui-elege-nova-diretoria-e-alzir-neto-e-reconduzido-a-presidencia/ (6) https://www.canalrural.com.br/programas/informacao/rural-noticias/vice-presidente-aprosoja-pr-fala-sobre-preco-trigo-20842/ (7) https://www.jusbrasil.com.br/processos/116931094/processo-n-0015419-4020114014000-do-trf-1?ref=goto (8) https://www.jusbrasil.com.br/diarios/85872715/trf-1-11-02-2015-pg-1356?ref=serp (9) https://www.pi.gov.br/wp-content/uploads/2022/07/TEMP21_391b8e8e04-1_220721_211130-1.pdf (10) http://aplicativos3.mppi.mp.br/diarioeletronico/public/demp210817_929.pdf; https://www.mppi.mp.br/consulta-publica/busca/registro_mp?numero=000029-215/2020 (number of the process: 000029-215/2020) (11) BNDES database</p>				

Deforestation and fire alerts data are the starting point of the analysis for each of the case studies. After confirming the clearance of native vegetation through satellite imagery, each of the case is then analysed 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 making use of publicly available data.

Deforestation & Fire

We processed deforestation alert data from the INPE/Deter program for both biomes, Amazon and Cerrado. An alternative source is the Global Forest Watch (GLAD alerts) and the Mapbiomas Alertas platforms. The fire alerts are checked in the NASA/Firms platform and processed using 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 ownership. The landownership registration on local notary offices is not checked and might be different than 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 important to highlight that CAR is not recognized as official ownership data.

Brazilian Forest Code protected areas

Legal Reserves and *Permanent Preservation Areas (APP)* are defined by the Brazilian Forest Code 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, 20% other areas], and *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 management the Officially recognized Natural Reserves according to the National System of Natural Reserves (SNUC – Sistema Nacional de Unidades de Conservação). The SNUC determines 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 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 form IBAMA, the Federal Environment Agency. Embargoes are areas where any kind of 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 having addressed the problem. Environmental fines are usually linked to regulation infractions and are addressed to the owner of the property.

Company Group and linked properties

Once the ownership of the property is clearly linked to an individual, we use the SINTEGRA database to check all the registered companies under this individual or group of individuals names. If the ownership is already registered by a company, we also check the corporate structure of the company through open sources 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 SNCL.

Level of certainty of links to soy traders and beef processors

Soy – High: 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; Medium: trading relationship with the corporate group, not necessary with the specified property is confirmed by traders or by Conab's subsidy programs; Low: trader is the main soy exporter in the municipality (Trase platform), or traders have assets (warehouses) within a radius of 50 km from the property.

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

Main exporters (municipality), warehouses and slaughterhouses

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

For more info please contact:

Joana Faggin (joana@aidenenvironment.org) or Marco Garcia (garcia@aidenenvironment.org)

* * * *



European
Climate
Foundation

The Realtime Deforestation and Fire Monitoring System has been supported by the EU Life Program and the European Climate Foundation. Responsibility for the information and views set out in this report lies with the authors. The EU Life Program and the European Climate Foundation cannot be held responsible for any use which may be made of the information contained or expressed therein.