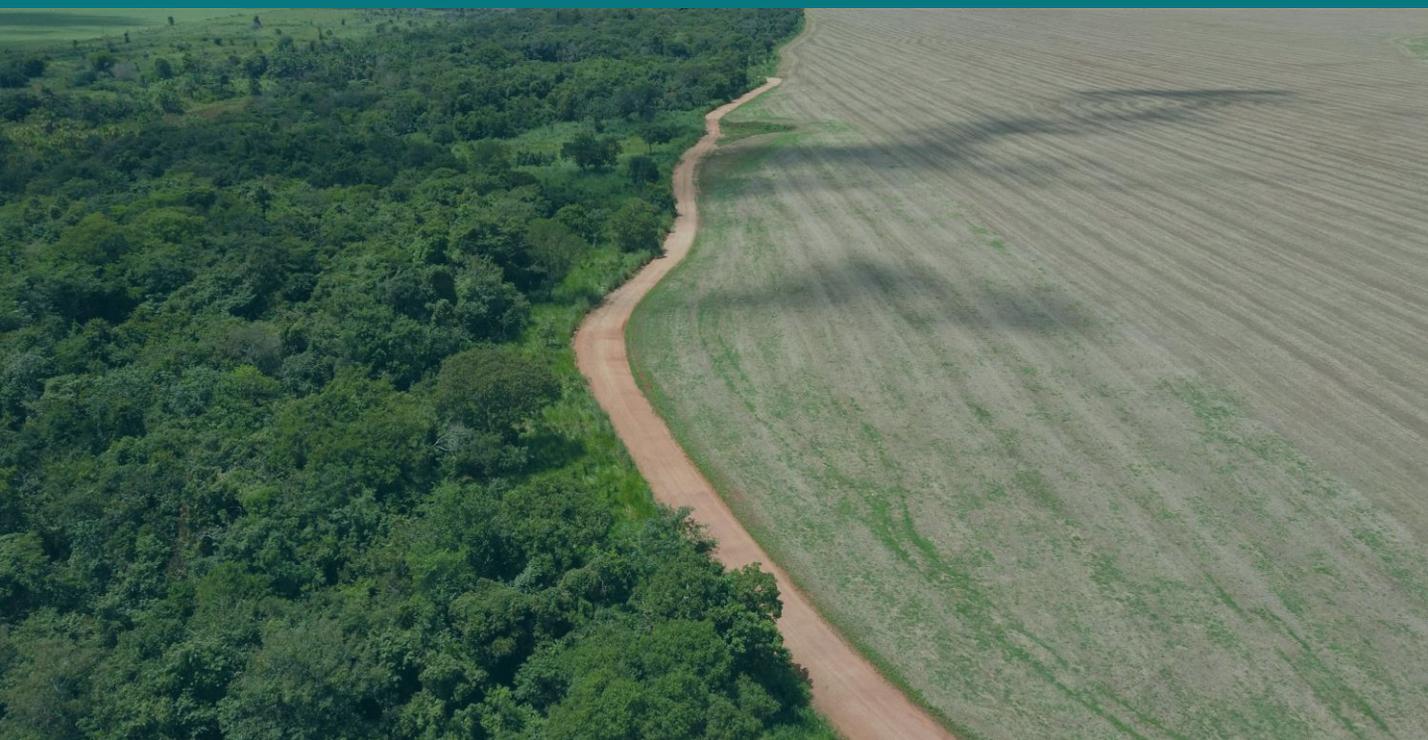


# REALTIME DEFORESTATION

## *Monitoring System*

Soy and cattle supply chains  
Amazon & Cerrado biomes – Brazil

June 2022

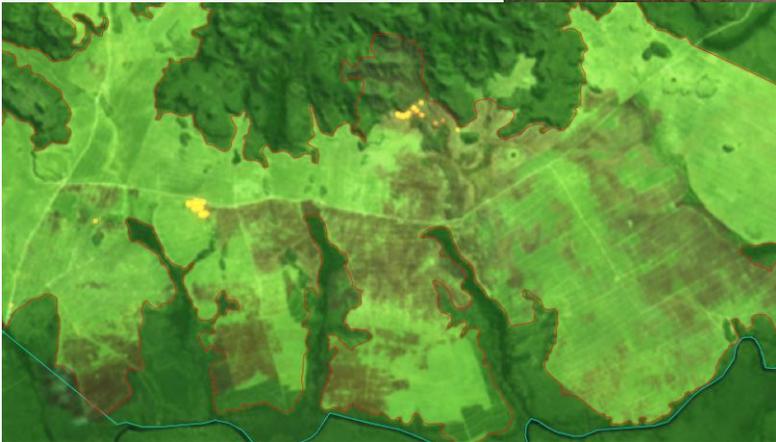


aid  
environment

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 June 2022 presents **nine cases** linking recent deforestation to soy traders' and beef processors' supply chains. The nine new cases include the reporting of a total of **16,100 hectares of native vegetation clearance and 637 fire alerts in Amazon and Cerrado biomes**. Among the reported clearance of native vegetation, around 14,300 hectares are in areas with 'extremely high' priority for biodiversity conservation, and around 5,620 hectares fall in Legal Reserves, mandatory preservation areas according to the Brazilian Forest Code. In addition, the report includes an 'ongoing' case, reporting a continuing deforestation in a case from the RDM 1 (February 2022), Condomínio Agrícola Estrondo in Formosa do Rio Preto (Bahia).

## Table of Contents

	Case Studies	Supply chain	Page
1.	Fazenda Nova Olinda Balsas (Maranhão)	-	3
2.	Fazenda Santa Cruz VIII Barreiras (Bahia)	Soy	5
3.	Fazenda Santa Rosa I, II, III Barreiras (Bahia)	Soy	7
4.	Fazenda Gaúcha (Fazenda Lucata I, II) Juara (Mato Grosso)	Beef	10
5.	Fazenda Tama Correntina (Bahia)	Beef & soy	13
6.	Fazenda São Francisco Riachão das Neves (Bahia)	Soy	15
7.	Fazenda Agrotep II Juara (Mato Grosso)	Beef	17
8.	Fazenda Canadá Colniza (Mato Grosso)	Beef	19
9.	Fazenda São João da Boa Vista I, II, III Canabrava do Norte (Mato Grosso)	Beef & soy	21
	<b>Ongoing case</b>		
10.	Condomínio Agrícola Estrondo Formosa do Rio Preto (Bahia)	Soy	23
	<b>Methods &amp; Sources</b>		25

Property	
<b>Fazenda Nova Olinda</b>	
Balsas, Maranhão	<b>Cerrado biome</b>
CAR: MA-2101400-F33EFA149E1549209093A27693A3077E	SIGEF/SNCI: 1140220135365
Area property (ha): 23,392	Coordinates property: -46.45018, -8.55087
Cleared Area	
Coordinates clearance:	-46.43914, -5.59308
<b>6,620</b> hectares	period clearance: Sep 2021 to Apr 2022
<b>52</b> fires alerts	
Inside Forest Code's protected areas: Yes	4,653ha inside declared Legal Reserve and APP
Type of vegetation: Wooded Savanna	Priority for Biodiversity Conservation: Extremely high
Conservation area(s) (overlapping or bordering):	-
Indigenous Territories (overlapping or bordering):	-
<p><b>Before &amp; After Imagery:</b> limits of the property (blue) limits of the cleared area (red)</p> <p>Sept 2021</p>  <p style="text-align: right;">Apr 2022</p>  <p>Source: Imagery ©2021 Planet Labs Inc.</p> <p>Source: Imagery ©2022 Planet Labs Inc.</p> <p><b>Fires</b></p>  <p style="text-align: right;">May 2022</p> <p>Source: European Union, contains modified 2022, processed with EO Browser Copernicus Sentinel data</p>	

## Environmental fines and embargoes

<b>Embargoes:</b>	Yes (other links)	Native vegetation degradation in 2012 and 103 rescued people in labour conditions analogous to slavery in 2005	
<b>Environmental fines:</b>	Yes (other links)	3 environmental fines in São Raimundo das Mangabeiras (MA): clearance of 185 ha before the approval by the environmental agency (1999); do not allow the natural regeneration of 5,604 ha in Fazenda Serra Grande (or São José) (2012); present false information in an authorization request (2011)	BRL 319,560

## Ownership and other linked properties

<b>Ownership:</b>	Agro Serra (Agropecuária e Industrial Serra Grande)		
<b>Company group:</b>	Agro Serra Industrial (Agropecuária e Industrial Serra Grande), Agroindustrial Alto Mearim (fruit agroindustry in Grajaú, Maranhão), Serracal, among others		
<b>Linked properties:</b>	Other 5 properties, totaling 100,477 ha. In Balsas: Fazenda Serracal (1,280 ha). In São Raimundo das Mangabeiras and partially in Mirador: Fazenda São José (82,209 ha); Fazenda Matão (2,807 ha), and Fazenda Matão I (2,820 ha). In São Raimundo das Mangabeiras: Fazenda Canastra (14,168 ha)		

## Supply chain links

<b>Main Commodities</b>	Multiple		
<b>Confirmed supply chain link, level of certainty, and soy trader/ beef processor</b>	<b>No</b>	<b>Low</b>	<b>Amaggi, Viterra, Bunge, Cargill</b>

<b>Companies' replies</b>	<ul style="list-style-type: none"> <li>Potential trading link to ADM was removed after they stated to "have not found any of the alleged farms, supposedly linked to ADM, to be in our supply chain as soy suppliers"</li> <li>Potential trading link to Cargill was maintained after they stated to have "negotiations with only one [of the cases included in this report], which is not on any of the embargo lists"</li> </ul>		
---------------------------	--	--	--

<b>Soy</b>	<b>Main exporters</b> (municipality)	Amaggi (36%), ADM (13%), Glencore/Viterra (12%), Bunge (8%), Cargill (5%), others (27%)
	<b>Warehouses</b> (50 km radius)	27 warehouses, e.g.: 10 SLC Agrícola, 7 Agrex do Brasil
	<b>Supply chain links &amp; details:</b>	-
<b>Beef</b>	<b>Main traders</b> (municipality)	No info
	<b>Slaughterhouses</b> (sourcing from the municipality)	Supplied cattle to 24 regional slaughterhouses
	<b>Supply chain links &amp; details:</b>	-
<b>Other supply chain links and details:</b>		-

## General comments

Agro Serra Industrial (formerly known as Agropecuária e Industrial Serra Grande) is one of the largest producers of sugarcane for ethanol in Maranhão. In 2005/2006, the company was responsible for 60% of Maranhão's production of ethanol, in cubic meters. Petrobras and Ipiranga used to be ethanol customers from Agrosserra. It also produces soy beans and other soft commodities. In 2005, labor fiscals rescued 652 workers working in slave-like conditions in sugarcane fields, in workdays above 14 hours without weekly rest (1). When the company was included in the "dirty list" of slave labour due to the mentioned case, they both mentioned commercial restriction being adopted or under consideration (2). In 2018, Brasilagro, a farmland company, announced the investment of BRL 1,4 billion in the Farm São José in partnership with Agro Serra for crop and ethanol production (3). In 2012, AgroSerra was listed by the Brazilian government among 169 companies compromised to improve working conditions in the sugarcane sector (4)(5). In 2013, Fazenda São José and Agropecuária e Industrial Serra Grande received the RTRS (Round Table on Responsible Soy) certification (6).

In 2016, the headquarters of Agro Serra was investigated by Brazil's Federal Police under Operação Lava-Jato (Car-Wash Operation) for participation in a bribing scheme in the construction of railways Ferrovia Norte-Sul (FNS) and Integração Oeste-Leste (FIOL). The company alleges it was not the target of the operation and the task force that came to its office retrieved documents from a former employee (7).

(1) <https://reporterbrasil.org.br/2007/12/atualizacao-da-quot-lista-suja-quot-traz-reincidentes-e-grandes-empresas/>

(2) <https://www.cut.org.br/noticias/lista-suja-do-trabalho-escravo-exclusao-por-liminar-nao-evita-restricoes-83a1>

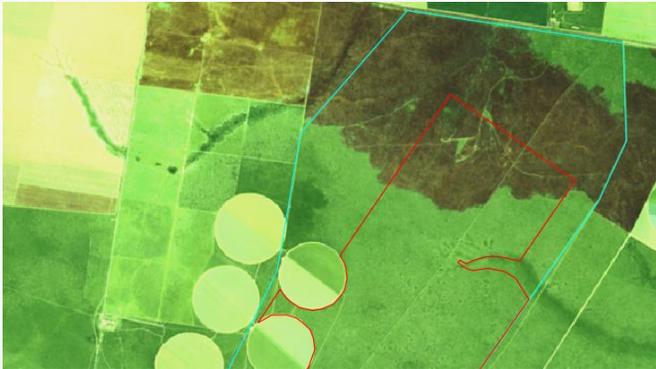
(3) <https://www.saoluisdofuturo.com.br/2018/12/06/1300/>

(4) [www.secretariadegoverno.gov.br/noticias/arquivos-noticias/empresas-agraviadas-13dejunho](http://www.secretariadegoverno.gov.br/noticias/arquivos-noticias/empresas-agraviadas-13dejunho)

(5) <https://oglobo.globo.com/economia/compromisso-para-gringo-ver-5549753>

(6) <http://www.responsiblesoy.org/se-realizo-la-tercera-reunion-de-la-task-force-brazil-ft-brazil/?lang=pt>

(7) <http://g1.globo.com/ma/maranhao/noticia/2016/02/empresa-do-sul-do-ma-e-investigada-em-desdobramento-da-lava-jato.html>

Property			
<b>Fazenda Santa Cruz VIII</b>			
Barreiras, Bahia		<b>Cerrado biome</b>	
<b>CAR:</b>	BA-2903201- C6B90E498BCD4FB4A1EE36998A2931D4	<b>SIGEF/SNCI:</b>	3010350107076
<b>Area property (ha):</b>	6,284	<b>Coordinates property:</b>	-45.43772, -12.14622
Cleared Area			
<b>Coordinates clearance:</b>		-45.43721, -12.14835	
<b>3,103</b> hectares		<b>period clearance:</b> Jan to Apr 2022	
<b>23</b> fires alerts			
<b>Inside Forest Code's protected areas:</b>	No	-	
<b>Type of vegetation:</b>	Savanna Park/Wooded Savanna	<b>Priority for Biodiversity Conservation:</b>	Extremely high
<b>Conservation area(s) (overlapping or bordering):</b>		-	
<b>Indigenous Territories (overlapping or bordering):</b>		-	
<b>Before &amp; After Imagery:</b> limits of the property (blue) limits of the cleared area (red)			
Jan 2022		April 2022	
			
Fires		Sep 2021	
			
<small>Source: European Union, contains modified 2021, processed with EO Browser Copernicus Sentinel data</small>			

Environmental fines and embargoes				
<b>Embargoes:</b>	No	-		
<b>Environmental fines:</b>	Yes (other links)	Received a fine in a property in Cuiabá (MT) - Fazenda Santa Cruz (not found in the landownership database) for activities without a proper authorization in 2008	BRL 100,000	
Ownership and other linked properties				
<b>Ownership:</b>	Indústria de Derivados da Mandioca Santa Cruz (Everli Ricardo da Cruz Rodrigues Carvalho, Nelson Ricardo da Cruz, Gelson Ricardo da Cruz)			
<b>Company group:</b>	CEAL - Comércio e Depósito de Grãos, Agropecuária Mata do Puba, Indústria de Derivados da Mandioca Santa Cruz			
<b>Linked properties:</b>	Other 7 properties totaling 10,194 ha. In Barreiras (BA): Fazenda Lages - Parte 1 (527 ha), Fazenda Santa Cruz IV (2,609 ha), Fazenda Santa Cruz V (2,550 ha), Fazenda Santa Cruz 6 (1,241 ha), Fazenda Santa Cruz VII (2,279 ha), Fazenda Mata do Puba (950 ha), Agropecuária Mata do Puba (48 ha)			
Supply chain links				
<b>Main Commodities</b>	Soy			
<b>Confirmed supply chain link, level of certainty, and soy trader/ beef processor</b>	<b>Yes</b>	<b>Low</b>	<b>Bunge, Cargill, Amaggi</b>	
<b>Companies' replies</b>	<ul style="list-style-type: none"> <li>Potential trading link to ADM was removed after they stated to "have not found any of the alleged farms, supposedly linked to ADM, to be in our supply chain as soy suppliers"</li> <li>Potential trading link to LDC was removed as they stated to "not have a commercial relationship with Fazenda Santa Cruz VIII (Barreiras - BA)"</li> <li>Potential trading link to Cargill was maintained after they stated to have "negotiations with only one [of the cases included in this report], which is not on any of the embargo lists"</li> </ul>			
<b>Soy</b>	<b>Main exporters (municipality)</b>	Viterra (Glencore) (67%), Cargill (20%), others (14%)		
	<b>Warehouses (50 km radius)</b>	85 warehouses, e.g.: 12 Bunge, 4 Cargill, 1 ADM, 1 Amaggi, 1 LDC		
	<b>Supply chain links &amp; details:</b>	-		
<b>Beef</b>	<b>Main traders (municipality)</b>	JBS (100%)		
	<b>Slaughterhouses (sourcing from the municipality)</b>	Supplied cattle to 23 regional slaughterhouses (none owned by JBS)		
	<b>Supply chain links &amp; details:</b>	-		
<b>Other supply chain links and details:</b>	-			
General comments				
<p>The company "Indústria de Derivados da Mandioca Santa Cruz" is involved in a land dispute with the "Associação dos Acampados da Gleba Boa Sorte", representing a group of 200 families who revendicate the land tenure rights over a public area named "Gleba Boa Sorte" close by Cuiabá (MT) (1). The families are living in the area since 2005 requesting to the state government of Mato Grosso the landownership through the establishment of a rural settlement. In 2020, the company requested the ownership of the area to the court of justice (2). The company claims to own an area of 1,426 ha (3). A linked property, Fazenda Mata do Puba (Barreiras - BA) had an authorization for the clearance of 670 ha in 2018 - valid for 2 years (4).</p>				
<p>(1) <a href="https://pagina12.com.br/web/por-que-uma-empresa-da-bahia-obteve-liminar-na-justica-para-despejar-200-familias-na-zona-rural-de-cuiaba/">https://pagina12.com.br/web/por-que-uma-empresa-da-bahia-obteve-liminar-na-justica-para-despejar-200-familias-na-zona-rural-de-cuiaba/</a>  (2) <a href="https://www.rdnews.com.br/judiciario/conteudos/133708">https://www.rdnews.com.br/judiciario/conteudos/133708</a>  (3) <a href="https://sistemadje.tjmt.jus.br/publicacoes/10633-2019%20C8%20Comarcas%20-%20Entr%C3%A2ncia%20Especial%20-%20Cuiab%C3%A1.pdf">https://sistemadje.tjmt.jus.br/publicacoes/10633-2019%20C8%20Comarcas%20-%20Entr%C3%A2ncia%20Especial%20-%20Cuiab%C3%A1.pdf</a>  (4) <a href="http://www.prefeitura.barreiras.mtransparente.com.br/admin/data/ATOOFICIAL270618061230.pdf">http://www.prefeitura.barreiras.mtransparente.com.br/admin/data/ATOOFICIAL270618061230.pdf</a></p>				

Property	
<b>Fazenda Santa Rosa I, II, III</b>	
Barreiras, Bahia	<b>Cerrado biome</b>
<b>CAR:</b> BA-2903201- CD81764BE9BF443D95EA52CE918B3995, BA-2903201- B6899070A00F4012A63E6ECE26F0A096	<b>SIGEF/SNCI:</b> 9500685484809
<b>Area property (ha):</b> 2,369	<b>Coordinates property:</b> -45.15948, -12.21785
Cleared Area	
<b>Coordinates clearance:</b>	-45.1523, -12.23986
<b>1,747</b> hectares - fires alerts	<b>period clearance:</b> Jan to Apr 2022
<b>Inside Forest Code's protected areas:</b> Yes	28 ha inside declared Legal Reserve
<b>Type of vegetation:</b> Wooded Savanna	<b>Priority for Biodiversity Conservation:</b> Extremely high
<b>Conservation area(s) (overlapping or bordering):</b>	-
<b>Indigenous Territories (overlapping or bordering):</b>	-
<b>Before &amp; After Imagery:</b> limits of the property (blue) limits of the cleared area (red)	
Jan 2022	
	
Apr 2022	
	
Source: Imagery ©2022 Planet Labs Inc.	

Environmental fines and embargoes			
<b>Embargoes:</b>	Yes (other links)	3 embargoes in a linked farm (Fazenda Santa Rita de Cássia, Barreiras - BA) for deforestation without proper authorization in 2014, 2015, 2017	
<b>Environmental fines:</b>	Yes (other links)	4 environmental fines: 2 in the property Fazenda Santa Rita de Cássia in Barreiras (BA) in 2008 for illegal deforestation of 35 hectares, and 2 in a property in São Desidério (BA) in 2008 and 2010, being the first for illegal deforestation of 160 hectares and the second for no-compliance with an embargo	unknown costs
Ownership and other linked properties			
<b>Ownership:</b>	Ildo João Rambo		
<b>Company group:</b>	JPR Agrícola; Rambo Rodo Transporte de Cargas; RBD-Agro Serviços / Rambo family		
<b>Linked properties:</b>	6 other properties, totaling at least 21,095 ha. In Formosa do Rio Preto: Fazenda Santo Cristo (4,985 ha), Fazenda Santo Cristo II (1,880 ha). In Barreiras: Fazenda São João (5,630 ha); Fazenda São João III, IV, V e VI (1,550 ha), Fazenda Santa Rita de Cássia (unknown area). In Luís Eduardo Magalhães: Fazenda San Michel (625 ha). In Mansidão: Fazenda São João (6,425 ha)		
Supply chain links			
<b>Main Commodities</b>		Soy	
<b>Confirmed supply chain link, level of certainty, and soy trader/ beef processor</b>		<b>Yes</b>	<b>High / Low</b>
		<b>Cargill / Bunge, Amaggi</b>	
<b>Companies' replies</b>		Potential trading link to Cargill was maintained after they stated to have "negotiations with only one [of the cases included in this report], which is not on any of the embargo lists"	
<b>Soy</b>	<b>Main exporters</b> (municipality)	Bunge (40%), Amaggi (10%), [Domestic Consumption (36%)]	
	<b>Warehouses</b> (50 km radius)	47 warehouses, e.g.: 4 Cargill	
	<b>Supply chain links &amp; details:</b>	Cargill has confirmed a trading relationship with a linked farm, Fazenda Santo Cristo II (Formosa do Rio Preto - BA), in April 2020	
<b>Beef</b>	<b>Main traders</b> (municipality)	JBS (100%)	
	<b>Slaughterhouses</b> (sourcing from the municipality)	Supplied cattle to 23 regional slaughterhouses (none owned by JBS)	
	<b>Supply chain links &amp; details:</b>	A linked farm, Fazenda São João (Barreiras - BA) is active on cattle supply chain and had 2 embargoes and 2 environmental fines in 2008	
<b>Other supply chain links and details:</b>		-	

## General comments

The Rambo family, owner of Fazenda Santa Rosa I, II and III is originally from Santo Cristo (RS), which names another of their properties in Formosa do Rio Preto (1). One of the family members belongs to the fiscal council of Bahia's Farmers and Irrigation Association (AIBA) (2) and is listed as a public supplier of "cereals" to the Brazilian Army (unit in Barreiras, Bahia) (3). A linked property, in Barreiras (BA), had a rural insurance linked to soy production in 2014 (4). There is a possible connection to JPR Agrícola (soy), owned by another member of the Rambo family and based in Luis Eduardo Magalhães (BA) (5).

In January 2019, Ildo João Rambo entered with a lawsuit against Ibama in Brazil's Supreme Court (6). Ildo João Rambo had three embargoed areas for environmental degradation (2014, 2015, and 2017) within its properties in Barreiras (BA). There is an environmental license for "legal" suppression of 3,744 ha of native vegetation to the implementation of cattle ranching activities in a linked farm, Fazenda Santo Cristo (Formosa do Rio Preto - BA), active until 25/07/2019 (7). In 2012, Ildo João Rambo received a license to grow eucalyptus in Fazenda São João in Barreiras (BA) (8).

Cargill has confirmed a trading relationship with the property Fazenda Santo Cristo II (Formosa do Rio Preto - BA) after the publication of the Rapid Response Report 12 (9). In 2017, Ildo João Rambo was prosecuted by environmental frauds in Fazenda Santo Cristo (Formosa do Rio Preto - BA), together with Aristides Queiroz Nogueira (10), who was arrested in 2017 for trying to destroy a neighbour's fence - something usual in land grabbing (11). However, the lands in Formosa do Rio Preto are under dispute between Aristides Queiroz Nogueira, Ildo João Rambo and Canabrava Agropecuária (12).

Canabrava Agropecuária, based in the State of Minas Gerais, was allowed by Inema (the environmental agency of the State of Bahia) to clear 3,519 hectares in an unknown property in Formosa do Rio Preto. Canabrava's CEO is the grandson of a politician and former Brazilian ambassador in Paraguay. He led the negotiations with Chongqing Grain Group Corp, a Chinese state sector of agricultural commodities, to attract investment to a specific region of Minas Gerais, the "triângulo Mineiro". Controller of Universo Verde Agronegócios, Chongqing concentrates at least 100 thousand hectares of landownership in Brazil (13).

(1) <http://www.novoeste.com/index.php?page=destaque&op=readNews&id=6112>

(2) <https://jornalnovafronteira.com.br/canais/cidade/assembleia-elege-nova-diretoria-e-o-conselho-fiscal-da-aiba-e-do-instituto-aiba/>

(3) [http://compras.dados.gov.br/fornecedores/doc/fornecedor\\_pf/170807](http://compras.dados.gov.br/fornecedores/doc/fornecedor_pf/170807)

(4) [http://www.agricultura.gov.br/assuntos/riscos-seguro/seguro-rural/documentos-seguro-rural/Bahia\\_PSR.xlsx](http://www.agricultura.gov.br/assuntos/riscos-seguro/seguro-rural/documentos-seguro-rural/Bahia_PSR.xlsx)

(5) <https://www.brasilcnpi.com/empresa/rodo-rambo-transporte-de-cargas-ltda/c9qAk5qwD>

(6) <https://www.jusbrasil.com.br/diarios/documentos/667036885/andamento-do-processo-n-1148-0720164013303-acao-ordinaria-24-01-2019-do-trf-1>

(7) <http://dovirtual.ba.gov.br/egba/reader2>

(8) <https://www.barreiras.ba.gov.br/diario/pdf/diario1407.pdf>

(9) [https://www.mightyearth.org/wp-content/uploads/RR\\_Report\\_12\\_April\\_2020\\_Revised.pdf](https://www.mightyearth.org/wp-content/uploads/RR_Report_12_April_2020_Revised.pdf)

(10) <https://www.mp.ba.gov.br/sites/default/files/biblioteca/diariojustica/20180504.pdf>

(11) <https://www.blogbahia.com/2017/12/policia-militar-de-formosa-do-rio-preto.html>

(12) [https://www.jusbrasil.com.br/diarios/documentos/520424028/andamento-do-processo-n-0000035-5220078050081-reintegracao-manutencao-de-posse-14-11-2017-do-tjba?ref=topic\\_feed](https://www.jusbrasil.com.br/diarios/documentos/520424028/andamento-do-processo-n-0000035-5220078050081-reintegracao-manutencao-de-posse-14-11-2017-do-tjba?ref=topic_feed)

(13) <https://deolhonosruralistas.com.br/2020/07/22/autorizacoes-para-desmatamento-na-bahia-incluem-gigante-da-celulose-e-fazendeiro-parricida/>

Property	
<b>Fazenda Gaúcha (Fazenda Lucata I and II)</b>	
Juara, Mato Grosso	<b>Amazon biome</b>
<b>CAR:</b> MT-5105101- 722F871DDEFF4BFC8C5C4219F90E4EC0, MT-5105101- FDD7F77AC0D94DBA8027AAFF6C86934C	<b>SIGEF/SNCI:</b> 9011211143910
<b>Area property (ha):</b> 18,772	<b>Coordinates property:</b> -57.83876, -11.88532

Cleared Area	
<b>Coordinates clearance:</b>	-57.77201, -11.89662
<b>1,311</b> hectares	<b>period clearance:</b> Jan 2021 to April 2022
- fires alerts	
<b>Inside Forest Code's protected areas:</b> No	-
<b>Type of vegetation:</b> Open Sub-mountainous Forest	<b>Priority for Biodiversity Conservation:</b> Extremely high
<b>Conservation area(s) (overlapping or bordering):</b>	-
<b>Indigenous Territories (overlapping or bordering):</b>	-

**Before & After Imagery:** limits of the property (blue) limits of the cleared area (red)

Jan 2021

Sep 2021



Source: Imagery ©2021 Planet Labs Inc.

Source: Imagery ©2021 Planet Labs Inc.



Apr 2022

Source: Imagery ©2022 Planet Labs Inc.

## Case Study 4

Environmental fines and embargoes			
<b>Embargoes:</b>	Yes	1 environmental embargo for non-authorized clearance of native vegetation in 2020	
<b>Environmental fines:</b>	Yes	1 environmental fine and 2 environmental fines in linked properties. In 2020, 1 environmental fine linked to the embargoed area of part of Fazenda Gaúcha - Gleba A and B (Fazenda Lucata I). In 2011, 1 environmental fine for non-authorized use of fire in a property in Brasnorte (MT) and in 2012 for not presenting required documents to the State Environmental Agency regarding a property in Alta Floresta (MT)	BRL 192,725
Ownership and other linked properties			
<b>Ownership:</b>	STX Agrpecuária (Luiz Carlos Tavares)		
<b>Company group:</b>	STX Agropecuária / owner of STX is linked to 43 companies		
<b>Linked properties:</b>	10 other properties in Mato Grosso, totaling at least 11,385 ha. In Vila Bela da Santíssima Trindade: Fazenda Vitória do Guaporé (2,710 ha), Fazenda Lagoa do Encanto (unknown area). In Brasnorte: Fazenda Itauna (3,480 ha), Fazenda Santa Germen (unknown area), Fazenda Ingaí (unknown area), Fazenda Imburana (unknown area), Fazenda Tombador (unknown area). In Aripuanã: Fazenda Jatobá (unknown area), Fazenda São João (1,790 ha), Fazenda Boa Vista II (3,405 ha)		
Supply chain links			
<b>Main Commodities</b>	Beef and Timber		
<b>Confirmed supply chain link, level of certainty, and soy trader/ beef processor</b>	<b>Yes</b>	<b>Medium</b>	<b>JBS, Marfrig</b>
<b>Soy</b>	<b>Main exporters (municipality)</b>	[Domestic Consumption (100%)]	
	<b>Warehouses (50 km radius)</b>	8 warehouses, e.g. Agropecuária Brianorte (21,160 MT)	
	<b>Supply chain links &amp; details:</b>	-	
<b>Beef</b>	<b>Main traders (municipality)</b>	JBS (56%), Marfrig (24%), Minerva (7%)	
	<b>Slaughterhouses (sourcing from the municipality)</b>	15 different meat processors sourced cattle from Juara in 2019 e.g.: 3 owned by JBS (Juará, Juína, Diamantino, all in MT), 1 owned by Marfrig (Tangará da Serra - MT), 1 owned by Minerva (Várzea Grande - MT)	
	<b>Supply chain links &amp; details:</b>	Linked to 12 cattle ranches in Mato Grosso (Aripuanã, Vila Bela da Santíssima Trindade, and Brasnorte). Several of these properties directly supply JBS, e.g. unnamed property in Brasnorte directly supplied cattle to JBS in Juína in 2019, and Fazenda Vitória do Guaporé, in Vila Bela da Santíssima Trindade (MT), directly supplied JBS in Pontes e Lacerda (MT), in 2019. STX Agropecuária is also a direct supplier to MFG Agropecuária, a livestock confining company owned by Marfrig's CEO and main shareholder	
<b>Other supply chain links and details:</b>	In 2020, Fazenda Lucata I supplied timber to Estrela Indústria e Comércio de Madeiras, a supplier of wood residuals for energy generation to Bunge (Nova Mutum - MT) and Libra, an ethanol producer company		

### General comments

STX Agropecuária, a linked company to Fazenda Gaúcha (Fazenda Lucata I and II), is active in the cattle and timber sectors and registered in different address including its headquarter in São José do Rio Preto (SP) (1). The owner of STX Agropecuária is linked to the ownership/management of other 43 different companies (2). STX Agropecuária is linked to at least 12 different cattle ranches in MT, most of them directly supplying slaughterhouses owned by JBS.

In 2014, the owner of STX Agropecuária signed a Conduct Adjustment Term (translated from Termo de Ajustamento de Conduta - TAC) with the Environment Agency of Mato Grosso that defines the payment of BRL 5,000 per hectare for the compensation of the degradation of the Area for Permanent Conservation (APP) in Fazenda Boa Vista II, in Aripuanã (MT) (3). The company sign other TACs linked to degradation of native vegetation: in 2013 regarding Fazenda Jeedá, also in Aripuanã (MT) (4), and in 2011 regarding an unknown property in Vila Bela da Santíssima Trindade (MT) (5).

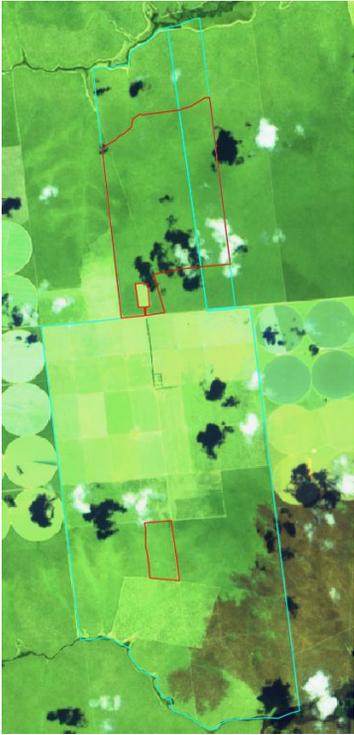
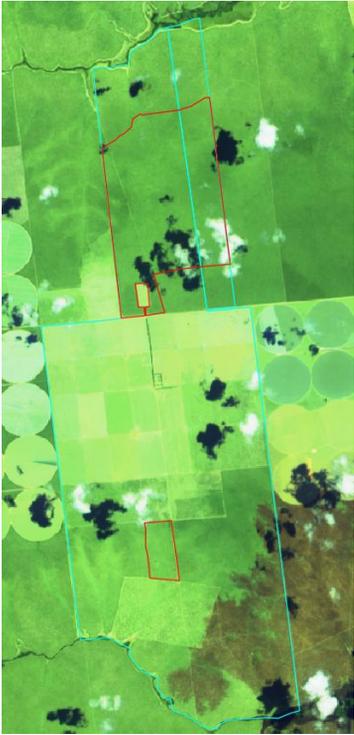
(1) <https://consultacnpj.com/cnpj/stx-agropecuaria-ltda-05268414000381>

(2) <https://www.consultasocio.com/q/sa/luiz-carlos-tavares>

(3) <https://www.jusbrasil.com.br/diarios/76345931/doemt-09-09-2014-pg-10>

(4) <https://www.escavador.com/diarios/647639/DOEMT/P/2013-10-17?page=15>

(5) <https://www.jusbrasil.com.br/diarios/28237262/pg-25-diario-oficial-do-estado-do-mato-grosso-doemt-de-14-06-2011?ref=serp>

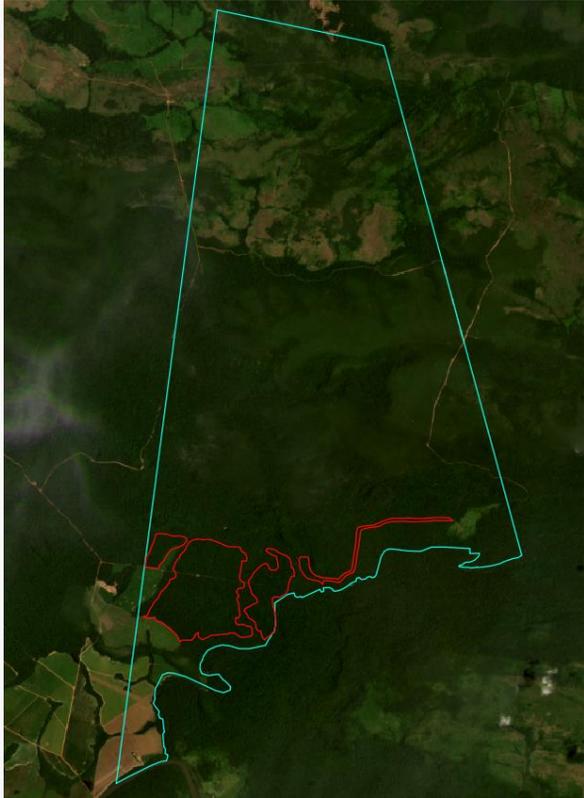
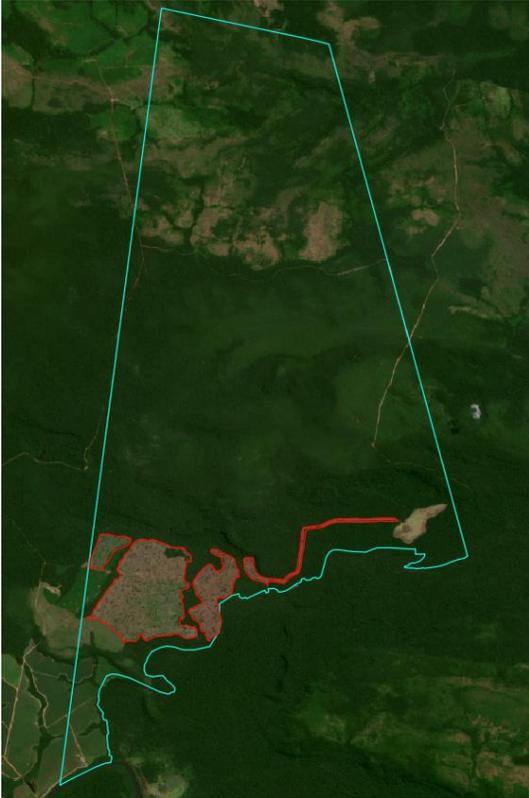
Property	
<b>Fazenda Tama</b>	
Correntina, Bahia	<b>Cerrado biome</b>
<b>CAR:</b> BA-2909307-E31BB0B6DAA14B0BB566E1354EC9A2F9, BA-2909307-395AA4EBE7B241C3962E91CA2166EBD7, BA-2909307-22C75D67B4DB4980978792E167E03839	<b>SIGEF/SNCI:</b> 9500175972108
<b>Area property (ha):</b> 5,691	<b>Coordinates property:</b> -45.31479, -13.22629
Cleared Area	
<b>Coordinates clearance:</b>	-45.31586, -13.17849
<b>1,044</b> hectares	<b>period clearance:</b> Feb to Apr 2022
<b>12</b> fires alerts	
<b>Inside Forest Code's protected areas:</b> No	- -
<b>Type of vegetation:</b> Forested Savanna	<b>Priority for Biodiversity Conservation:</b> Extremely high
<b>Conservation area(s) (overlapping or bordering):</b>	-
<b>Indigenous Territories (overlapping or bordering):</b>	-
<b>Before &amp; After Imagery:</b> limits of the property (blue) limits of the cleared area (red)	
Feb 2022	Apr 2022
	
<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>Oct 2021</p>  </div> <div style="text-align: center;"> <p><b>Fires</b></p>  </div> </div> <p style="font-size: small; text-align: center;">Source: European Union, contains modified 2021, processed with EO Browser Copernicus Sentinel data</p>	
Source: Imagery ©2022 Planet Labs Inc.	

Environmental fines and embargoes				
Embargoes: No -				
Environmental fines: No -			-	
Ownership and other linked properties				
Ownership: José Luiz Battistella				
Company group: Companies registred in Limeira (SP): Cerâmica Battistella, Nova Correntina Battistella Participações, Tama Battistella Administração de Bens				
Linked properties: -				
Supply chain links				
Main Commodities		Beef and Soy		
Confirmed supply chain link, level of certainty, and soy trader/ beef processor		Yes	Low	Bunge, Amaggi
Soy	Main exporters (municipality)	Bunge (38%), Amaggi (10%), others (16%), [Domestic Consumption (36%)]		
	Warehouses (50 km radius)	20 warehouses, e.g: 2 Agrícola Xingu, 2 Coproeste, 1 Mizote, 1 SLC Agrícola		
	Supply chain links & details:	-		
Beef	Main traders (municipality)	JBS (100%)		
	Slaughterhouses (sourcing from the municipality)	Supplied cattle to 26 slaughterhouses, e.g.; 1 JBS (Itapetinga - BA)		
	Supply chain links & details:	Indirectly supplied regional slaughterhouses		
Other supply chain links and details:		-		

Property	
<b>Fazenda São Francisco</b>	
Riachão das Neves, Bahia	<b>Cerrado biome</b>
<b>CAR:</b> More than 60 CARs falling in the property. Deforestation overlaps with 3 different CARs: BA-2926202-138456B9792847079A44B8EE1D92B5EC, BA-2926202-A0A71E048D8D4FF3937D730AE55ED68C, BA-2926202-42DFABFD978842AA95091E617E128B2C	<b>SIGEF/SNCI:</b> 2610410424045
<b>Area property (ha):</b> 47,500	<b>Coordinates property:</b> -45.42968, -11.69265
Cleared Area	
<b>Coordinates clearance:</b>	-45.39671, -11.70892
<b>705 hectares</b>	<b>period clearance:</b> Jan to Apr 2022
<b>17 fires alerts</b>	
<b>Inside Forest Code's protected areas:</b> Yes	18 ha inside declared Legal Reserve
<b>Type of vegetation:</b> Wooded Savanna	<b>Priority for Biodiversity Conservation:</b> No
<b>Conservation area(s) (overlapping or bordering):</b> -	
<b>Indigenous Territories (overlapping or bordering):</b> -	
<b>Before &amp; After Imagery:</b> limits of the property (blue) limits of the cleared area (red)	
	
Jan 2022	Apr 2022
	
<small>Source: Imagery ©2022 Planet Labs Inc.</small>	

## Case Study 6

Environmental fines and embargoes				
<b>Embargoes:</b>	No	-		
<b>Environmental fines:</b>	Yes	3 environmental fines in Riachão das Neves (BA): 1 for clearance of 200,837 ha of native vegetation in 2012, for inadequate storage of toxic products in 2018, and for non-authorised airport activities in 2018	BRL 2,100,000	
Ownership and other linked properties				
<b>Ownership:</b>	Ademar Antônio Marçal			
<b>Company group:</b>	AM Empreendimentos Agropecuários, WJC Empreendimentos Agropecuários, Cooperaba - Cooperativa de Produtores da Bahia			
<b>Linked properties:</b>	1 other property in Riachão das Neves (BA): Fazenda Paraíso (232 ha)			
Supply chain links				
<b>Main Commodities</b>	Soy and cotton			
<b>Confirmed supply chain link, level of certainty, and soy trader/ beef processor</b>	<b>Yes</b>	<b>Low</b>	<b>Bunge, Cargill</b>	
<b>Companies' replies</b>	Potential trading link to Cargill was maintained after they stated to have “negotiations with only one [of the cases included in this report], which is not on any of the embargo lists”			
<b>Soy</b>	<b>Main exporters (municipality)</b>	Bunge (29%), ADM (29%), others (52%)		
	<b>Warehouses (50 km radius)</b>	42 warehouses, e.g.: 1 Cargill, 1 Bunge		
	<b>Supply chain links &amp; details:</b>	The owner was covered by an insurance for soy cultivation in 2014 (Riachão das Neves - BA)		
<b>Beef</b>	<b>Main traders (municipality)</b>	JBS (100%)		
	<b>Slaughterhouses (sourcing from the municipality)</b>	Supplied cattle to 17 regional slaughterhouses (none owned by JBS)		
	<b>Supply chain links &amp; details:</b>	-		
<b>Other supply chain links and details:</b>	Supplied cotton to Tata Textile mills in 2021 (1), the largest private corporation in Pakistan (2)			
General comments				
<p>Marçal received a certificate from Basf for its high soy productivity in the harvesting season of 2020/2021 (3). One of the largest individual cotton exporters from Brazil, Marçal is also the president of the Fundação Bahia for the technical development of crop production in west Bahia, including cotton, soy, corn, sesame, and coffee (4). In January 2021, Fazenda São Francisco was audit by the RTRS to supply certified soy to Bunge (5). Fazenda São Francisco's institutional materials published in September and November 2021 display the RTRS (6) and Better Cotton Initiative (BCI) certification's seal (7). Marçal is being sued by the Public Labour Prosecution Office (MPT) in Bahia due to a work accident that resulted in the amputation of a foot of a worker who operated a cotton agricultural machinery. The lawsuit is still in progress in the Bahia state court (8).</p>				
<p>(1) Custom undisclosed data            (2) <a href="http://tatapakistan.com/assets/upload/61407c4081733-Tata-Annual%20Report%20June%202021.pdf">http://tatapakistan.com/assets/upload/61407c4081733-Tata-Annual%20Report%20June%202021.pdf</a>            (3) <a href="https://agriculture.basf.com/br/pt/protecao-de-cultivos-e-sementes/cultivos/soja/desafio-de-productividade-top-soja/basf-agro--campeoes-top-soja-2020-2021.html">https://agriculture.basf.com/br/pt/protecao-de-cultivos-e-sementes/cultivos/soja/desafio-de-productividade-top-soja/basf-agro--campeoes-top-soja-2020-2021.html</a>            (4) <a href="https://fundacaoba.com.br/">https://fundacaoba.com.br/</a>            (5) <a href="https://responsiblesoy.org/wp-content/uploads/2021/01/Consulta-publica-RTRS_Bunge_2021.pdf">https://responsiblesoy.org/wp-content/uploads/2021/01/Consulta-publica-RTRS_Bunge_2021.pdf</a>            (6) <a href="http://www.fazsaofrancisco.com/saibamais.pdf">http://www.fazsaofrancisco.com/saibamais.pdf</a>            (7) <a href="https://www.youtube.com/watch?v=Kpb2oSLLLbQ">https://www.youtube.com/watch?v=Kpb2oSLLLbQ</a>            (8) <a href="https://www.trt5.jus.br/consulta-processo">https://www.trt5.jus.br/consulta-processo</a> (number: 0000846-13.2020.5.05.0661)</p>				

Property	
<b>Fazenda Agrotep II</b>	
Juara, Mato Grosso	<b>Amazon biome</b>
<b>CAR:</b> MT-5105101-8A72B2A4736D4AC6B62CC92664198F23	<b>SIGEF/SNCI:</b> 9500689745011
<b>Area property (ha):</b> 10,715	<b>Coordinates property:</b> -57.53322, -10.78181
Cleared Area	
<b>Coordinates clearance:</b>	-57.55843, -10.83517
<b>686</b> hectares - fires alerts	<b>period clearance:</b> Jan to Apr 2022
<b>Inside Forest Code's protected areas:</b> No	
<b>Type of vegetation:</b> Open Sub-mountainous Forest	<b>Priority for Biodiversity Conservation:</b> No
<b>Conservation area(s) (overlapping or bordering):</b> -	
<b>Indigenous Territories (overlapping or bordering):</b> Bordering TI Apiaka/Kayabi	
<b>Before &amp; After Imagery:</b> limits of the property (blue) limits of the cleared area (red)	
Jan 2022	Apr 2022
	
<small>Source: Imagery ©2022 Planet Labs Inc.</small>	<small>Source: Imagery ©2022 Planet Labs Inc.</small>

Environmental fines and embargoes			
<b>Embargoes:</b>	Yes	5 embargoes for illegal clearance of native vegetation all in Juara (MT): 78 ha in Fazenda Agrotep (2013), 357 ha in Fazenda Arandu (2016), 237 ha in Fazenda Boa Vista (2021), unknown area in Fazenda Agrotep (2015), Fazenda Mandassaia, and Fazenda Santo Antônio (2018)	
<b>Environmental fines:</b>	Yes	3 environmental fines for illegal clearance of native vegetation: 237 hectares in Fazenda Boa Vista in Juara - MT (2021), 138 hectares in Fazenda Subauna in Juara - MT (2019), 420 hectares in Fazenda Arandu in Juara - MT (2015); 1 environmental fine for selling timber without the certificate of origin in Sinop - MT (2009)	BRL 2,366,650
Ownership and other linked properties			
<b>Ownership:</b>	Mandassaia Agro (Douglas Martin Paes de Barros)		
<b>Company group:</b>	Mandassaia Agro [Agrotep] (Juara - MT), Mandala Empreendimentos Imobiliária (Juara - MT), Santo Antônio Agropecuária (Juara - MT)		
<b>Linked properties:</b>	Other 5 properties totaling 18,980 ha. In Juara (MT): Agrotep I (11,150 ha), Fazenda Santo Antônio (700 ha), Fazenda Mandassaia III (150 ha), Fazenda Cafundó (4,460 ha), and Fazenda Porteirão (2,420 ha)		
Supply chain links			
<b>Main Commodities</b>	Beef		
<b>Confirmed supply chain link, level of certainty, and soy trader/ beef processor</b>	<b>Yes</b>	<b>Medium</b>	<b>JBS</b>
<b>Soy</b>	<b>Main exporters (municipality)</b>	[Domestic Consumption (100%)]	
	<b>Warehouses (50 km radius)</b>	No warehouses in a radius Of 50km from the property	
	<b>Supply chain links &amp; details:</b>	-	
<b>Beef</b>	<b>Main traders (municipality)</b>	JBS (56%), Marfrig (25%), Minerva (8%), others (11%)	
	<b>Slaughterhouses (sourcing from the municipality)</b>	Supplied cattle to 26 slaughterhouses, e.g.; 3 JBS (Juina - MT, Diamantino - MT, Juara - MT), 1 Marfrig (Tangará da Serra - MT), 1 Minerva (Várzea Grande - MT)	
	<b>Supply chain links &amp; details:</b>	Indirectly supplied JBS through a linked farm, Fazenda Santo Antônio (same ownership) (Juara - MT), who supplied Fazenda Santo Antônio (different ownership) (Juara - MT), a direct supplier to JBS in Juara (MT) in 2019	
<b>Other supply chain links and details:</b>	-		
General comments			
<p>One of the owners of the companies Mandassaia Agro (Agrotep), Mandala empreendimento Imobiliários, Diego Martin de Barros, is being sued by the Public Prosecutor Office (MPF) of Mato Grosso for illegal clearance of 152 ha in Juara (MT) in 2017 (1). In 2014, the company Agropecuária Mandala and other linked companies filed a request for judicial reorganization due to a debit of BRL 37 million (2, 3). The two brothers, owners of Madassaia Agro (Agrotep) and Agropecuária Mandala among other companies, were detained for the suspicious of being involved in the murdering of a lawyer in Juara in 2020 (4). In 2021, the person that linked them to the crime was also murdered (5).</p>			
(1) <a href="https://apps.mpf.mp.br/aptusmpf/index2#/detalhe/9200000000001244964?modulo=0&amp;sistema=portal">https://apps.mpf.mp.br/aptusmpf/index2#/detalhe/9200000000001244964?modulo=0&amp;sistema=portal</a>			
(2) <a href="http://www.arinosnoticias.com.br/noticia/18911/Justica-acata-recuperacao-judicial-do-Grupo-Mandala/2">http://www.arinosnoticias.com.br/noticia/18911/Justica-acata-recuperacao-judicial-do-Grupo-Mandala/2</a>			
(3) <a href="https://www.gcnoticias.com.br/geral/justica-chama-empresas-que-tem-dinheiro-para-receber-do-grupo-mandala/2851864">https://www.gcnoticias.com.br/geral/justica-chama-empresas-que-tem-dinheiro-para-receber-do-grupo-mandala/2851864</a>			
(4) <a href="https://www.gazetadigital.com.br/editorias/judiciario/irmos-suspeitos-de-encomendar-morte-de-advogado-so-soltos/631401">https://www.gazetadigital.com.br/editorias/judiciario/irmos-suspeitos-de-encomendar-morte-de-advogado-so-soltos/631401</a>			
(5) <a href="https://www.hnt.com.br/policia/homem-assassinado-a-tiros-intermediou-morte-de-advogado/205487">https://www.hnt.com.br/policia/homem-assassinado-a-tiros-intermediou-morte-de-advogado/205487</a>			

Property	
<b>Fazenda Canadá</b>	
Colniza, Mato Grosso	<b>Amazon biome</b>
<b>CAR:</b> MT-5103254-A5B0445043AC4CB5A99C976F0472E6AB, MT-5103254-82B7528DF03A4AA6AAE7312015BF7B29, MT-5103254-26C41DFA2F36433DB3CC67CF62C83ADE	<b>SIGEF/SNCI:</b> 9011211109062
<b>Area property (ha):</b> 7,784	<b>Coordinates property:</b> -61.27317, -9.04012
Cleared Area	
<b>Coordinates clearance:</b>	-61.22677, -9.05716
<b>487</b> hectares	<b>period clearance:</b> Jan to Apr 2022
- fires alerts	
<b>Inside Forest Code's protected areas:</b> Yes	487 ha inside declared Legal Reserve and APP
<b>Type of vegetation:</b> Open Sub-mountainous Forest	<b>Priority for Biodiversity Conservation:</b> Extremely high
<b>Conservation area(s) (overlapping or bordering):</b> -	
<b>Indigenous Territories (overlapping or bordering):</b> -	
<b>Before &amp; After Imagery:</b> limits of the property (blue) limits of the cleared area (red)	
Jan 2022	
Apr 2022	
Source: Imagery ©2022 Planet Labs Inc.	

Environmental fines and embargoes				
<b>Embargoes:</b>	No	-		
<b>Environmental fines:</b>	Yes	25 environmental fines linked to the company Cidemad and Tradelumber. Sell timber without the certificate of origin: 5 in Colniza - MT (2007, 2009, 2012, 2017), 1 in Várzea Grande - MT (2005), 7 in Machadinho D'Oeste - RO (2003, 2005, 2006), 2 in Vilhena - RO (2008), 1 in Ariquemes - RO (2005), 3 Itajaí - SC (2008, 2019), 1 in Paranaguá - PR (2018), 2 in Manaus - AM (2018); Interfere on timber control operations: 1 in Colniza (2017), 1 in Paranaguá - PR (2008), 2 in Santana do Livramento - RS (2012)	BRL 1,150,000	
Ownership and other linked properties				
<b>Ownership:</b>	Cícero Emmanuel Durski Santos			
<b>Company group:</b>	Cidemad - Indústria, Comércio e Exportação de Madeiras (Colniza - MT); Tradelumber (Machadinho D'Oeste - RO)			
<b>Linked properties:</b>	Other 3 properties in Colniza (MT), totaling 4,445 ha: Fazenda Jacarandá (490 ha), Fazenda Xangai (2,650 ha), and Fazenda Toronto (1,305 ha)			
Supply chain links				
<b>Main Commodities</b>	Beef and Timber			
<b>Confirmed supply chain link, level of certainty, and soy trader/ beef processor</b>	<b>Yes</b>	<b>Medium</b>	<b>Marfrig, JBS</b>	
<b>Companies' replies</b>	The indirect trading link to Minerva in Várzea Grande (through the property Fazenda Cordeiro) was removed as Minerva declared that the operations of the slaughterhouse in Várzea Grande was "ceased as of January 2019 when the unit was sold to Marfrig under a market announced agreement. Commercial transactions with Cordeiro Farm, as of January 2019, have not been, and are no longer possible".			
<b>Soy</b>	<b>Main exporters (municipality)</b>	[Domestic Consumption (100%)]		
	<b>Warehouses (50 km radius)</b>	No warehouses in a radius of 50km from the property		
	<b>Supply chain links &amp; details:</b>	-		
<b>Beef</b>	<b>Main traders (municipality)</b>	JBS (34%), Marfrig (32%), Minerva (16%), others (18%)		
	<b>Slaughterhouses (sourcing from the municipality)</b>	Supplied cattle to 23 slaughterhouses, e.g.; 3 JBS (Juina - MT, Alta Floresta - MT, Juara - MT), 1 Marfrig (Tangará da Serra - MT)		
	<b>Supply chain links &amp; details:</b>	A linked property, Fazenda Jacarandá (same ownership) (Colniza - MT), indirectly supplied: Marfrig (Paranatinga - MT), through the property Fazenda Mata Azul (different ownership) (Pedra Preta - MT) in 2018; JBS (Pedra Preta - MT), through Fazenda Cordeiro (different ownership) (São José do Povo - MT), in 2018 and 2019. A linked property, Fazenda Lagoa Dourada (Machadinho D'Oeste-RO) directly supplied JBS (São Miguel do Guaporé - RO) in 2020 and 2021		
<b>Other supply chain links and details:</b>	-			
General comments				
Cidemad is a timber exporter operating in Mato Grosso and Rondônia states (1). Cidemad exported timber to the USA in 2017 with a suspicious link to a Brazilian justice fugitive, Valdelir João de Souza (2), suspect of the murdering of 9 rural workers in Colniza in 2017, a crime known as the "Colniza Massacre" (3). Customs records show several shipments from Cidemad in Rondônia to the United States in the past two years (4). Cícero Durski is a member of a traditional family of loggers with operations in Mato Grosso, Rondônia, and Paraná (5).				
(1) <a href="http://www.cidemad.com.br/">http://www.cidemad.com.br/</a>				
(2) <a href="https://racismoambiental.net.br/2017/07/12/suspeito-de-articular-massacre-em-colniza-exporta-foragido-madeira-para-os-eua/">https://racismoambiental.net.br/2017/07/12/suspeito-de-articular-massacre-em-colniza-exporta-foragido-madeira-para-os-eua/</a>				
(3) <a href="https://mst.org.br/2022/04/19/massacre-de-colniza-mst-cinco-anos-de-impunidade/">https://mst.org.br/2022/04/19/massacre-de-colniza-mst-cinco-anos-de-impunidade/</a>				
(4) Custom undisclosed data				
(5) <a href="https://flo.uri.sh/visualisation/8013374/embed">https://flo.uri.sh/visualisation/8013374/embed</a>				

Property			
<b>Fazenda São João da Boa Vista I, II, III</b>			
Canabrava do Norte, Mato Grosso		<b>Amazon biome</b>	
<b>CAR:</b>	MT-5102694- E8FF6A0F964F440385FD8B28856C824F	<b>SIGEF/SNCI:</b>	9010830062899
<b>Area property (ha):</b>	13,102	<b>Coordinates property:</b>	-52.11143, -11.07375
Cleared Area			
<b>Coordinates clearance:</b>		-52.15731, -11.10202	
<b>430 hectares</b>		<b>period clearance:</b> Jan to Mar 2022	
<b>71 fires alerts</b>			
<b>Inside Forest Code's protected areas:</b>	Yes	430 ha inside declared Legal Reserve	
<b>Type of vegetation:</b>	Seasonal Semidecidual Sub-mountainous Forest	<b>Priority for Biodiversity Conservation:</b>	Very high
<b>Conservation area(s) (overlapping or bordering):</b>		-	
<b>Indigenous Territories (overlapping or bordering):</b>		-	
<b>Before &amp; After Imagery: limits of the property (blue) limits of the cleared area (red)</b>			
Jan 2022			
			
Source: Imagery ©2022 Planet Labs Inc.			
March 2022			
			
Source: Imagery ©2022 Planet Labs Inc.			

## Environmental fines and embargoes

<b>Embargoes:</b>	Yes	1 embargo for illegal clearance of 25 ha of native vegetation in Fazenda Planalto da Serra (Confresa - MT), in 2016 and 2019	
<b>Environmental fines:</b>	No	-	-

## Ownership and other linked properties

<b>Ownership:</b>	Thalyta Campos Simionatto Carrijo; Leornado Borges Carrijo		
<b>Company group:</b>	Agropecuária São João do Liberdade (Canabrava do Norte - MT), Agrícola Forte (Mineiros - GO, Alto Taquari - MT, Confresa - MT), Ponto Forte Comércio e Representação de Insumos Agropecuários (Mineiros - GO, Alto Taquari - MT, Confresa - MT), Britazil Comércio de Brita (Confresa - MT)		
<b>Linked properties:</b>	Other 6 properties, totaling 5,360 ha. In Confresa (MT): Fazenda Planalto da Serra (1,230 ha). In São José do Xingu (MT): Fazenda Terra Boa (265 ha), Fazenda Ituiutaba (700 ha), Fazenda Conquista (1,600 ha), Fazenda Nova Santa Maria (1,500 ha). In Porto Alegre do Norte: Fazenda São Sebastião (65 ha)		

## Supply chain links

<b>Main Commodities</b>		Beef and Soy		
<b>Confirmed supply chain link, level of certainty, and soy trader/ beef processor</b>		Yes	High / Medium	Bunge / JBS, Marfrig
<b>Companies' replies</b>	Potential trading link with LDC (Louis Dreyfus) was removed even if they confirmed commercial relations with the producers, but allegedly with only part of the property under a different CAR declaration (MT-5102694-96925868975546C1AC0E6F3A9AAB04F8). The cleared area falls in a property registered in SIGEF (9010830062899) under the names of the producers, but with a CAR declaration (MT-5102694-E8FF6A0F964F440385FD8B28856C824F) under the name of Agropastoril São João da Liberdade, which LDC declared to not have any trading links with.			
<b>Soy</b>	<b>Main exporters (municipality)</b>	Bunge (100%)		
	<b>Warehouses (50 km radius)</b>	16 warehouses, e.g.: 2 Cargill, 1 Bunge, 1 Amaggi		
	<b>Supply chain links &amp; details:</b>	Supplied soy to Louis Dreyfus in Confresa - MT in 2019 (1)		
<b>Beef</b>	<b>Main traders (municipality)</b>	JBS (87%), Marfrig (5%), others (8%)		
	<b>Slaughterhouses (sourcing from the municipality)</b>	Supplied cattle to 5 slaughterhouses, e.g.: 2 JBS (Confresa - MT, Água Boa - MT), 1 Marfrig (Nova Xavantina - MT)		
	<b>Supply chain links &amp; details:</b>	Indirect links to JBS (Confresa - MT) and Marfrig (Nova Xavantina - MT), through Fazenda da Serra - same ownership (Confresa - MT), Fazenda Nossa Senhora Rosa Mística (Vila Rica - MT) and Fazenda Santa Maria do Xingu (São José do Xingu - MT)		
<b>Other supply chain links and details:</b>		In the last 4 years (2018-2021), owners' production of corn in Mato Grosso (Canabrava do Norte, Vila Rica, Porto Alegre do Norte, and Confresa) was covered by agricultural insurances (2). In 2019, supplied corn to Louis Dreyfus (Confresa - MT) and to Bunge (Porto Alegre do Norte - MT) (1)		

## General comments

In October 2021, Leonardo Borges Carrijo committed to recover the degraded permanent preservation area (APP) of Fazenda Planalto da Serra (Confresa - MT), under a legal agreement with the Environmental Agency of Mato Grosso (Sema) (3)

(1) undisclosed data

(2) <https://www.gov.br/agricultura/pt-br/assuntos/riscos-seguro/seguro-rural/produtores-beneficiados/mato-grosso-atualizado-dez2021.xlsx/@download/file/Mato%20Grosso-atualizado-dez2021.xlsx>

(3)

<http://www.ager.mt.gov.br/documents/5177949/0/Convoca%C3%A7%C3%A3o+81%C2%AA+Sess%C3%A3o+Regulat%C3%B3rio+-+26.10.2021.pdf/1ba5de73-66d9-97ac-3344-23d328954aa0>

Property	
<b>Condomínio Agrícola Estrondo</b>	
Formosa do Rio Preto, Bahia	<b>Cerrado biome</b>
<b>CAR:</b> BA-2911105- D4E858AC04AA4190A8D78AC034E73344	<b>SIGEF/SNCI:</b> 9321080049874; 600674749; 9261160132265; 600675044; 9321080048550; 600675397
<b>Area property (ha):</b> 80,000	<b>Coordinates property:</b> -43.03118, -11.26460
Cleared Area	
<b>Coordinates clearance:</b>	-45.72571, -11.15132
<b>24,130</b> hectares	<b>period clearance:</b> July 2021 to April 2022
<b>462</b> fires alerts	
<b>Inside Forest Code's protected areas:</b> No	- -
<b>Type of vegetation:</b> Wooded Savanna	<b>Priority for Biodiversity Conservation:</b> Extremely high
<b>Conservation area(s) (overlapping or bordering):</b> Área de Proteção Ambiental do Rio Preto	
<b>Indigenous Territories (overlapping or bordering):</b> -	
<b>Before &amp; After Imagery:</b> limits of the property (blue) limits of the cleared area (red)	
July 2021	
	Source: Imagery ©2021 Planet Labs Inc.
	
	April 2022
	Source: Imagery ©2022 Planet Labs Inc.

Environmental fines and embargoes			
<b>Embargoes:</b>	Yes	1 embargoed area in 2020 (10,151 ha) for illegal deforestation	
<b>Environmental fines:</b>	Yes	1 environmental fine for clearing 10,151 hectares of native vegetation without authorization in Formosa do Rio Preto (BA) in 2016	BRL 3,045,000
Ownership and other linked properties			
<b>Ownership:</b>	Delfin Rio S/A - Crédito Imobiliário		
<b>Company group:</b>	Delfin Rio S/A - Crédito Imobiliário (Agronegócio Condomínio Cachoeira do Estrondo)		
<b>Linked properties:</b>	82 other properties totalling at least 82,000 hectares, all in the Condomínio Estrondo, in Formosa do Rio Preto (Bahia)		
Supply chain links			
<b>Main Commodities</b>	Soy		
<b>Confirmed supply chain link, level of certainty, and soy trader/ beef processor</b>	<b>Yes</b>	<b>Medium</b>	<b>Bunge</b>
<b>Companies' replies</b>	Potential link to Cargill was removed as they stated to have "no negotiations with Delfin or other producers in the areas (lotes) mentioned"		
<b>Soy</b>	<b>Main exporters</b> (municipality)	Bunge (54%), Amaggi & LD / ALZ (27%), Horita (14%), others (5%)	
	<b>Warehouses</b> (50 km radius)	67 warehouses, e.g.: 4 owned by Bunge (328,000 MT), 2 owned by Cargill (68,000 MT)	
	<b>Supply chain links &amp; details:</b>	Bunge and Cargill are indirectly sourcing from the Condomínio Estrondo	
<b>Beef</b>	<b>Main traders</b> (municipality)	JBS (100%)	
	<b>Slaughterhouses</b> (sourcing from the municipality)	12 different beef processors sourced cattle from Formosa do Rio Preto in 2017, e.g.: 1 owned by JBS (Itapetinga - BA)	
	<b>Supply chain links &amp; details:</b>	-	
<b>Other supply chain links and details:</b>	-		
General comments			
<p>This is an ongoing deforestation case reported also in the RMD 1 (February 2022). Delfin Rio S/A is owned by Levinsohn family. The family operates the Condomínio Agrícola Estrondo, a land-grabbing case linked to human rights crimes and environmental impacts direct affecting the livelihood of local communities (2). The case of Condomínio Estrondo is well reported by Mongabay (3, 4), De Olho nos Ruralistas (5), Repórter Brasil (2), Greenpeace (6, 7) and the local NGO 10envolvimento (8).</p> <p>In June 2020, the Bahia Court of Justice (TJ-BA) denied an appeal request made by Condomínio Agrícola Estrondo against the court decision that guarantees possession of 43,000 hectares of the area to a local community of "Geraizeiros" in Formosa do Rio Preto, Bahia (9). According to local sources, violence against the communities has increased after the judicial defeat of Condomínio Agrícola Estrondo (10). Although Cargill reported not sourcing soy from Fazenda Condomínio Estrondo in a reply to the RDM 1, a Reporter's Brasil analysis indirectly links Bunge and Cargill to soy sourcing from the property (11).</p>			
<p>(1) <a href="https://www.aidenvironment.org/2022/02/22/realtime-deforestation-monitoring-supply-chain-transparency/">https://www.aidenvironment.org/2022/02/22/realtime-deforestation-monitoring-supply-chain-transparency/</a></p> <p>(2) <a href="https://reporterbrasil.org.br/estrondo/">https://reporterbrasil.org.br/estrondo/</a></p> <p>(3) <a href="https://news.mongabay.com/2020/01/communities-in-brazilian-cerrado-besieged-by-global-demand-for-soy/">https://news.mongabay.com/2020/01/communities-in-brazilian-cerrado-besieged-by-global-demand-for-soy/</a></p> <p>(4) <a href="https://brasil.mongabay.com/2019/11/investigacao-revela-esquema-de-corrupcao-entre-juizes-e-ruralistas-no-oeste-da-bahia/">https://brasil.mongabay.com/2019/11/investigacao-revela-esquema-de-corrupcao-entre-juizes-e-ruralistas-no-oeste-da-bahia/</a></p> <p>(5) <a href="https://deolhonosruralistas.com.br/2019/02/12/da-vida-em-extase-das-socialites-levinsohn-a-violencia-no-campo-no-oeste-da-bahia/">https://deolhonosruralistas.com.br/2019/02/12/da-vida-em-extase-das-socialites-levinsohn-a-violencia-no-campo-no-oeste-da-bahia/</a></p> <p>(6) <a href="https://www.greenpeace.org/brasil/blog/cultivando-violencia-licenca-para-desmatar">https://www.greenpeace.org/brasil/blog/cultivando-violencia-licenca-para-desmatar</a></p> <p>(7) <a href="https://www.greenpeace.org/brasil/blog/exterminador-do-futuro-condominio-estrondo-inicia-desmatamento-gigante-no-cerrado/">https://www.greenpeace.org/brasil/blog/exterminador-do-futuro-condominio-estrondo-inicia-desmatamento-gigante-no-cerrado/</a></p> <p>(8) <a href="https://www.google.com/url?sa=t&amp;rct=j&amp;q=&amp;esrc=s&amp;source=web&amp;cd=&amp;cad=rja&amp;uact=8&amp;ved=2ahUKewjsgqO-9tv1AhWlyAQKHfC7C4kQFnoECAgQAQ&amp;url=https%3A%2F%2Fuprdoc.ohchr.org%2Fuprweb%2Fdownloadfile.aspx%3Ffilename%3D4035%26file%3DEnglishTranslation&amp;usg=AOvVaw245Thj1abrEexHBW8v_ie7">https://www.google.com/url?sa=t&amp;rct=j&amp;q=&amp;esrc=s&amp;source=web&amp;cd=&amp;cad=rja&amp;uact=8&amp;ved=2ahUKewjsgqO-9tv1AhWlyAQKHfC7C4kQFnoECAgQAQ&amp;url=https%3A%2F%2Fuprdoc.ohchr.org%2Fuprweb%2Fdownloadfile.aspx%3Ffilename%3D4035%26file%3DEnglishTranslation&amp;usg=AOvVaw245Thj1abrEexHBW8v_ie7</a></p> <p>(9) <a href="https://www.aatr.org.br/post/seguran%C3%A7a-da-fazenda-estrondo-invade-territ%C3%B3rio-e-atira-contra-geraizeiros-em-formosa-do-rio-preto">https://www.aatr.org.br/post/seguran%C3%A7a-da-fazenda-estrondo-invade-territ%C3%B3rio-e-atira-contra-geraizeiros-em-formosa-do-rio-preto</a></p> <p>(10) <a href="https://www.brasildefato.com.br/2020/07/10/fazenda-simbolo-de-grilagem-sofre-derrota-emblematica-e-perde-area-para-geraizeiros">https://www.brasildefato.com.br/2020/07/10/fazenda-simbolo-de-grilagem-sofre-derrota-emblematica-e-perde-area-para-geraizeiros</a></p> <p>(11) <a href="https://reporterbrasil.org.br/2019/12/bunge-e-cargill-compram-soja-contaminada-por-violencia-e-desmatamento-do-agronegocio-estrondo-diz-greenpeace">https://reporterbrasil.org.br/2019/12/bunge-e-cargill-compram-soja-contaminada-por-violencia-e-desmatamento-do-agronegocio-estrondo-diz-greenpeace</a></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 SNCI.

## 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@aidenvironment.org](mailto:joana@aidenvironment.org)) or Marco Garcia ([garcia@aidenvironment.org](mailto:garcia@aidenvironment.org))

\* \* \* \*



*The Realtime Deforestation and Fire Monitoring System is developed by Aidenvironment through the Project “Euro-finance and Deforestation” (with support from the EU Life Program). The contents of this publication are the sole responsibility of Aidenvironment and do not necessarily reflect the opinion of the European Union.*