



MIGHTY EARTH



# RAPID RESPONSE

## Soy & Cattle Report

**Report 15: Soy & Cattle in Paraguay**

Originally Published: July 2020. Updated: September 2020



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# Executive Summary

**This Rapid Response Special Report – updated in September 2020 (1) – highlights 5,578 ha of recent, potentially illegal deforestation in the Paraguayan Chaco in eleven selected cases.** Eleven cases were ultimately selected (Table 1), showing 11,462 ha of deforestation between June 2019 and May 2020. Of these, 5,578 ha may have been illegal, i.e. deforestation occurred a) without a license/environmental authorization, b) in breach with the required environmental impact mitigation measures, or c) in a natural forest conservation area or protected area. Deforestation in the Chaco is largely driven by expanding cattle and soy operations, compounded by absent deforestation commitments from key operating stakeholders and loose law enforcement.

**Table 1:** Eleven cases of deforestation in the Paraguayan Chaco

Department	District	Case (ownership)*	Deforestation (ha)	Period of clearing	Status of clearing**
Boquerón	Mariscal José Félix Estigarribia	Agropecuaria Moroti SA	2,365	16th Nov 2019 - 25th Mar 2020	Likely legal – joint properties can deforest 8,200 ha
	Mariscal José Félix Estigarribia	Le Viole S.R.L.	1,390	30th Sept 2019 - 26th Dec 2019	Likely illegal-deforestation in forest reserve
	Mariscal José Félix Estigarribia	Freemont SRL	1,400	20th Jan 2020 - 14th Apr 2020	Likely legal - joint properties can deforest 1,416 ha
	Mariscal José Félix Estigarribia	Toro Mocho	252	15th Jan 2020 - 5th Mar 2020	Likely illegal - no public license
	Mariscal José Félix Estigarribia	Mazuria Inversion SA	338	11th Nov 2019 - 5th Mar 2020	Likely illegal - deforestation in forest reserve
Alto Paraguay	Bahia Negra/Fuerte Olimpio	Ganadera Cerro Chovoreca	2,874	27th Oct 2019 - 29th Feb 2020	Likely illegal -above a authorized amount
	Fuerte Olimpio	Henrique Diniz Junqueira/Agroganadera a Aguaray	1,138	24th June 2019 - 12th Oct 2019	Likely legal - joint properties can deforest 2,557 ha
	Bahia Negra	Neufeld & CIA (NESCA)	779	14th Feb 2020 - 29th May 2020	Likely legal - joint properties can deforest 4,620 ha
	Puerto Casado	Cooperativa Chortitzer	202	10th Mar 2020 - 24th May 2020	Likely legal – property can deforest 214 ha
Presidente Hayes	Villa Hayes	Agroganadera Pyvithur	400	6th Feb 2020 - 12th Mar 2020	Likely illegal - no public license
	Manuel Irala Fernandez	Sanly Funk Siemens	324	2nd Jan 2020 - 26th May 2020	Likely illegal - a above a authorized amount
<b>Total</b>			<b>11,462 ha</b>	<b>June 2019 - May 2020</b>	<b>5,578 ha likely illegal</b>

**Source:** Compiled by Aidenvironment, based on deforestation, rural cadaster, and environmental permit data. \*Selection criteria were 1) the size of deforestation; 2) deforestation hotspots at district level; 3) the period of deforestation; 4) proximity to protected areas/indigenous lands; and 5) the presence of environmental licenses for clearing. \*\*Aidenvironment assumed ‘likely illegal’ clearings when legal compliance with Laws 294/93, 716/96, 264/93, and 422/72 was not met, and when environmental licenses were not found to be publicly available.

(1) The report was updated with the latest information on approved land use plans of the Instituto Forestal Nacional (INFONA) in September 2020 (<https://informacionpublica.paraguay.gov.py/portal/#!/ciudadano/solicitud/32369>). Two cases that were in the earlier version (July 2020) earmarked as potentially illegal, Agropecuaria Moroti and Cooperativa Chortitzer, have been changed to cases of likely legal deforestation. Moreover, the case of Agropecuaria Tabor/Grupo GPISA was removed completely, as the clearing was unrightfully tagged as removal of native vegetation. Version(s) of the Paraguay report (both English and Spanish) dated before September 2020 are therefore no longer valid.

# Introduction

**The Paraguayan Chaco is the farming frontier of Paraguay – one of the world’s largest beef and soy exporters.** The tropical dry forests of the Gran Chaco region in Paraguay represent one of the world’s major hotspots of deforestation mainly for expanding cattle ranching, and more recently soy plantations (1). Paraguay is the fourth largest exporter of soy and soy products, and the eighth largest exporter of beef, with the Chaco region regarded as the country’s “new farming frontier” (2).

**Land in the Chaco is largely controlled by Brazilian nationals and Mennonite cooperatives.** Brazilian nationals are estimated to own 3 million ha and large Mennonite families and their powerful cooperative farm groups are estimated to control about 2 million ha (3). For instance, in department Boquerón, most land is owned by Brazilians with land plots of 5,000 to 100,000 ha. Only small parts of the land are developed, with the land primarily operating as “capital investment and is retained for speculative businesses.” (4)

**Absent zero-deforestation commitments and lax law enforcement drive deforestation in Paraguay.** None of the eight main beef exporters of Paraguay, who together account for 95 percent of exports (5), has a public policy to protect forests in the Chaco (6). They include the three largest Mennonite cooperatives operating in the Chaco, Chortizer (98,636 ha), Neuland (76,472 ha) (7), and Fernheim (ha unknown.) Moreover, the largest meatpacking company, Minerva, still needs to expand its zero-deforestation policy to its operations in Paraguay (6).

The “relatively lax” enforcement of the Paraguayan Forestry Law drives deforestation (8). In 2018, one third of the native vegetation in the Paraguayan Chaco had already been deforested and converted to grassland, of which the environmental organization Guyra estimated that nearly 50 percent of deforestation was illegal [later adjusted to 43 percent] (9). The law requires that any property in the Chaco larger than 20 ha must preserve between 40 and 45 percent of its native vegetation: 25 percent of native forest, 15 percent of conservation borders, and another 5 percent of riparian forests to protect riverbeds (10). However, legally, roughly 7 million ha could still be legally cleared in Paraguay (11). Contrary to the ‘fishbone’ pattern of deforestation in the Amazon, deforestation in the Gran Chaco “tends to leave large rectangular clearings that reflect careful surveying by large-scale cattle-ranching operations” (12).

**This report combined deforestation, cadaster, and environmental license data to uncover illegal clearing.** Rapid Response used a geographic information system (QGIS) to combine deforestation data (13) in the Paraguayan Gran Chaco between 1<sup>st</sup> March 2020-15<sup>th</sup> May 2020, cadaster data from the National Cadastre Service (14), data on environmental approval for clearing native vegetation from the Ministry of Environment and Sustainable Development - Ministerio del Ambiente y Desarrollo Sostenible (MADES) (15) and from INFONA in the updated September 2020 version (16), and data on protected areas and indigenous land through the SIIDit Chaco platform (17). The deforestation alerts were confirmed using EO Sentinel Hub (18). The period for deforestation monitoring was dependent on the start, active period, and end of deforestation events. The deforestation per Chaco district was calculated and ranked, and the cases with the highest amount of deforestation were selected from the three largest deforested districts. A further five cases showing the largest deforestation were then selected without the district filter. In the selection process, Rapid Response checked the presence of environmental licenses from MADES for the clearings. We assumed illegal clearings when this data was not publicly available, but at the same time recognize that they could be missing, in progress, or registered under different ownership. Hence, deforestation is “likely” illegal. Moreover, the total land portfolio by producers/companies was estimated from this license data, but could be larger in reality.

Out of 22 cases, a total of eleven cases were eventually selected based on the selection criteria (Table 1).

- (1) <https://data.globalforestwatch.org/datasets/gran-chaco-deforestation>
- (2) <https://www.ft.com/content/7a25413c-56d3-11e9-8b71-f5b0066105fe>
- (3) <https://www.theguardian.com/world/2010/oct/05/chaco-paraguay-deforestation>
- (4) [http://mades.gov.py/sites/default/files/users/control/mazuria\\_r.villalba.pdf](http://mades.gov.py/sites/default/files/users/control/mazuria_r.villalba.pdf)
- (5) [https://trase.earth/flows?toolLayout=1&countries=176&commodities=46&mapView=-20.80%2C-55.63%2C4&selectedColumnIds=0\\_23-1\\_34-2\\_28-3\\_33](https://trase.earth/flows?toolLayout=1&countries=176&commodities=46&mapView=-20.80%2C-55.63%2C4&selectedColumnIds=0_23-1_34-2_28-3_33)
- (6) <https://www.globalcanopy.org/sites/default/files/documents/resources/Deforestation%20in%20the%20Paraguayan%20Chaco%20-%20how%20can%20banks%20manage%20risks%20from%20financing%20the%20cattle%20sector.pdf>
- (7) [https://d1tn3vj7xz9fdh.cloudfront.net/s3fs-public/file\\_attachments/vvy\\_jara\\_informe\\_oxfamenparaguay.pdf](https://d1tn3vj7xz9fdh.cloudfront.net/s3fs-public/file_attachments/vvy_jara_informe_oxfamenparaguay.pdf)
- (8) <https://www.worldpoliticsreview.com/trend-lines/27344/in-paraguay-rapid-deforestation-is-the-price-of-an-economic-boom>
- (9) <https://www.theguardian.com/environment/2018/sep/18/forced-labour-in-paraguay-the-darkness-at-the-bottom-of-the-global-supply-chain>
- (10) <https://www.hoy.com.py/nacionales/debate-sobre-la-deforestacion-en-el-chaco-que-dicen-la-ley-y-los-numeros>
- (11) <https://www.iucn.nl/files/publicaties/an%20analysis%20of%20existing%20laws%20on%20forest%20protection%20la%20final.pdf>
- (12) <https://earthobservatory.nasa.gov/images/92078/deforestation-in-paraguay>
- (13) <https://data.globalforestwatch.org/datasets/glad-alerts-footprint>
- (14) <https://www.catastro.gov.py/servicio-linea/#!/consulta-publica/cuentas-rurales>
- (15) <http://www.mades.gov.py/>
- (16) <https://informacionpublica.paraguay.gov.py/portal/#!/ciudadano/solicitud/32369>
- (17) <https://siidit.ellipsis-earth.com/>
- (18) <https://www.sentinel-hub.com/explore/eobrowser/>

# Table of Contents

## Boquerón

1. **Agropecuaria Moroti SA - Fazenda Marangatuy Udra**  
(*Mariscal José Félix Estigarribia*) 6
2. **Le Viole - Estancia Safari**  
(*Mariscal José Félix Estigarribia*) 9
3. **Freemont SRL**  
(*Mariscal José Félix Estigarribia*) 12
4. **Toro Mocho**  
(*Mariscal José Félix Estigarribia*) 14
5. **Mazuria Inversion(es) - Estancia La Cumbreña**  
(*Mariscal José Félix Estigarribia*) 16

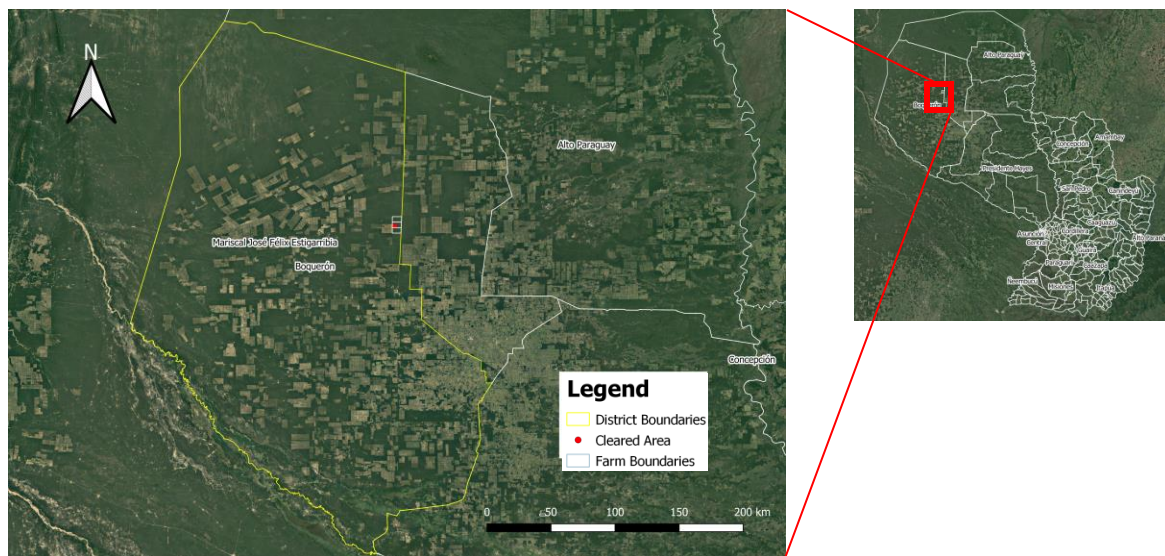
## Alto Paraguay

6. **Ganadera Cerro Chovoreca - Estancia La Esperanza**  
(*Fuerte Olimpo/Bahia Negra*) 18
7. **Henrique Diniz Junqueira/Agroganadera Aguaray - Estancia Moneda** (*Fuerte Olimpo*) 21
8. **Neufeld CIA SA (NECSA)** (*Bahia Negra*) 24
9. **Cooperativa Chortizer** (*Puerto Casado*) 26

## Presidente Hayes

10. **Agroganadera Pyvithur** (*Villa Hayes*) 29
11. **Sanly Funk Siemens** (*Manuel Irala Fernández*) 31

## Property Location



Yellow border – boundary of Mariscal José Félix Estigarribia (Boquerón)/ White border – boundary of Agropecuaria Moroti SA – Fazenda Marangatu y Udra/ Red dot – location of cleared area

## Alert Imagery (before and after clearance)

November 16, 2019



Source: European Union, contains modified Copernicus Sentinel data 2020, processed with EO Browser

May 29, 2020



Source: European Union, contains modified Copernicus Sentinel data 2020, processed with EO Browser

# 1. Agropecuaria Moroti SA - Fazenda Marangatu y Udra (Mariscal José Félix Estigarribia)

Boquerón

Registration (padrón)	7187, 7190, and 7205
Farm size(s) (ha)	3,094, 3,179 and 2,988
Deforestation (ha)	2,365
Period of clearing	November 16, 2019 - March 25, 2020
Other registrations (padrón)	3355-3365; 3368-3373; 7187-7188; 7205-7206; 7553; 7790-7791; 6247-6250; 7202; 7522; 7527; 7530 (all in Mariscal José Félix Estigarribia, Boquerón)
Total land portfolio Paraguay (PY) (ha)	59,585
Commodity	Grain and cattle

Rapid Response detected 2,365 ha of deforestation between November 16, 2019 and May 29, 2020 in three registered properties of Fazenda Marangatu y Udra in the town of Mariscal José Félix Estigarribia in Boquerón. Agropecuaria Moroti, a wholly owned subsidiary of the publicly traded Brazilian farmland investor and soy producer BrasilAgro (1, 2), owns the property (3). BrasilAgro's land portfolio in Paraguay consists of 59,585 ha of land in the central Chaco, used for grain cultivation and pasture (4).

Agropecuaria Moroti was founded on February 9, 2018 to acquire the assets (including farmlands) and debts owned by Cresca S.A., a joint venture between BrasilAgro and Carlos Casado S.A. in Paraguay (5). The company Palmeiras S.A. was also created to acquire the cattle, stocks and contracts previously owned by Cresca. Both companies are managed by Carlos Augusto Passerieu, one of the main advocates for soy cultivation in the Chaco region (6) (7). Owned by the Spanish group San Jose, Carlos Casado S.A. has owned farmland in the Chaco since 1883, when, after the War of the Triple Alliance/Paraguayan War, the company seized 5,625,000 ha of public lands previously known as Estancias de la Patria (8). In 2012, Carlos Casado was denounced by the NGO Survival International for the deforestation of areas inhabited by the indigenous group Ayoreo (9).

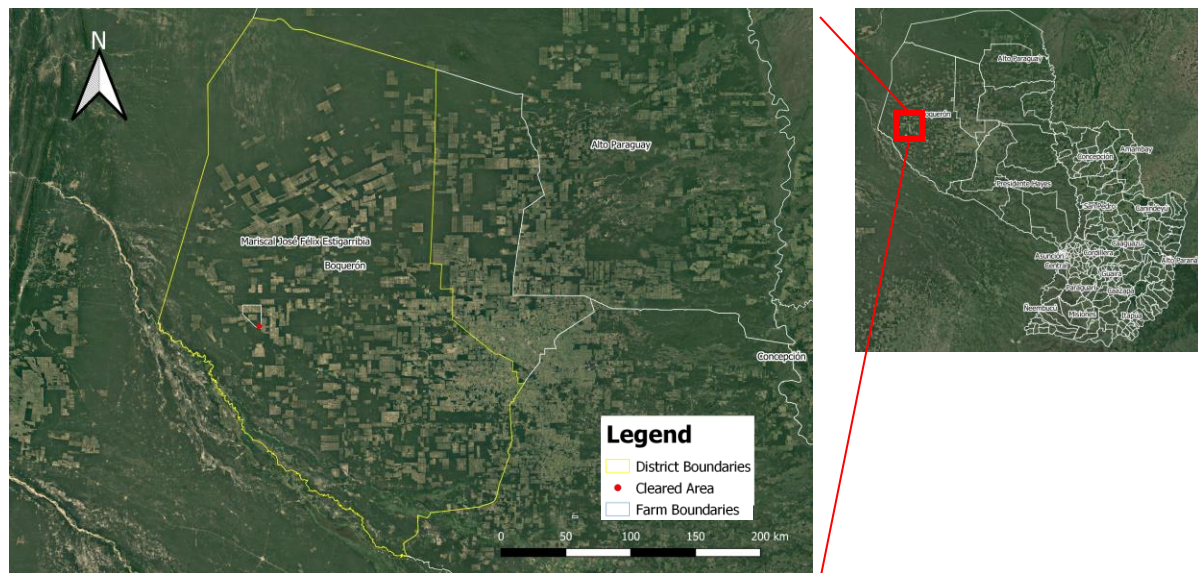
For Agropecuaria Moroti's registries 7187 and 7205 (together with registries 3355-3365; 3368-3373; 7188; 7206; 7553, 7790-7791), MADES approved the land use of 5,200 ha for agriculture and 3,000 ha for cattle raising in 2019 (10). The latest information from INFONA reveals that registry 7190 under alert is part of this approved environmental impact declaration (11), implying that the deforestation of 2,365 ha in the three registries likely represents legal deforestation. Between November 16, 2019 and March 25, 2020, 2,365 ha were cleared on the 14,591 ha farm, followed by fires in registry 7187 on May 24<sup>th</sup>, 2020 (12). The remaining land should be preserved as reserves, forest, and borders (13). Clearing lines in the farm visible in June 2020 imply that more deforestation will occur in this registry. Bunge, Cargill, Louis Dreyfus, and Amaggi, all buyers of grains from BrasilAgro in 2019 (14), have zero-deforestation policies (15). Banks with financial ties to BrasilAgro, such as Rabobank and Santander (16), have zero-deforestation policies. Other financiers of BrasilAgro, such as Itaú BBA (16), do not have formal policies to address deforestation risks (17). In 2019, the majority of livestock in Mariscal José Félix Estigarribia that went directly to slaughterhouses ended up in the processing facilities of Frigo Chaco - Cooperative Fernheim (32 percent) and Frigo Chorti-Chortizer Cooperative (16 percent) (18).

# 1. Agropecuaria Moroti SA - Fazenda Marangatu y Udra (*Mariscal José Félix Estigarribia*) **Boquerón**

- (1) [https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&ved=2ahUKEwi7t5Gkz9HpAhWNqgOKHeo\\_hAEUQFjABegQIAhAB&url=http%3A%2F%2Fwww.brasil-agro.com%2Fdownload\\_arquivos.asp%3Fid\\_arquivo%3D4AFCD577-B834-49C8-B644-D53FA7AEF783&usq=A0vVaw1CXqtVoYOD9Pg8lvFr3ECy](https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&ved=2ahUKEwi7t5Gkz9HpAhWNqgOKHeo_hAEUQFjABegQIAhAB&url=http%3A%2F%2Fwww.brasil-agro.com%2Fdownload_arquivos.asp%3Fid_arquivo%3D4AFCD577-B834-49C8-B644-D53FA7AEF783&usq=A0vVaw1CXqtVoYOD9Pg8lvFr3ECy)
- (2) [http://www.brasil-agro.com/brasilagro2011/web/download\\_arquivos.asp?id\\_arquivo=FC233CFF-91DA-4248-8893-A86DA6F6AE1F](http://www.brasil-agro.com/brasilagro2011/web/download_arquivos.asp?id_arquivo=FC233CFF-91DA-4248-8893-A86DA6F6AE1F)
- (3) <https://www.catastro.gov.py/servicio-linea/#!/consulta-publica/cuentas-rurales>
- (4) [http://www.brasil-agro.com/brasilagro2011/web/conteudo\\_pt.asp?idioma=0&conta=28&tipo=36814&id=135829](http://www.brasil-agro.com/brasilagro2011/web/conteudo_pt.asp?idioma=0&conta=28&tipo=36814&id=135829)
- (5) [http://www.brasil-agro.com/brasilagro2011/web/download\\_arquivos.asp?id\\_arquivo=35548CB4-DA7E-4C4A-9F53-E40B977178F9](http://www.brasil-agro.com/brasilagro2011/web/download_arquivos.asp?id_arquivo=35548CB4-DA7E-4C4A-9F53-E40B977178F9)
- (6) <https://rcc.com.py/chaco/el-cultivo-de-la-soja-alcanzaria-en-el-chaco-las-48-000-hectareas-esta-temporada/>
- (7) <https://www.greencommodities.org/content/gcp/en/home/media-centre/covid-19-pandemic-adds-to-drought-and-pricing-concerns-in-the-pa.html>
- (8) <https://deolhonosruralistas.com.br/deolhonoparaguai/2017/11/08/no-seculo-19-matte-larangeira-teve-2-milhoes-de-hectares-no-paraguai/>
- (9) <https://www.elmundo.es/america/2012/09/03/noticias/1346629755.html>
- (10) <http://www.mades.gov.py/wp-content/uploads/2019/05/AGROPECUARIA-MOROTI-SA-DE-CARLOS-PASSERIEU-EXP-SIAM-Nº-137-2019.pdf>
- (11) <https://informacionpublica.paraguay.gov.py/portal/#!/ciudadano/solicitud/32369>
- (12) <https://apps.sentinel-hub.com/eo-browser/?zoom=10&lat=41.9&lng=12.5&themeId=DEFAULT-THEME>
- (13) <http://www.mades.gov.py/wp-content/uploads/2019/05/AGROPECUARIA-MOROTI-SA-DE-CARLOS-PASSERIEU-EXP-SIAM-Nº-137-2019.pdf>
- (14) [http://www.brasil-agro.com/brasilagro2011/web/download\\_arquivos.asp?id\\_arquivo=3DAD3575-6FBA-4B5C-8067-FFB743FBCE89](http://www.brasil-agro.com/brasilagro2011/web/download_arquivos.asp?id_arquivo=3DAD3575-6FBA-4B5C-8067-FFB743FBCE89)
- (15) <https://chainreactionresearch.com/the-chain-brasilagros-string-of-new-farmland-acquisitions-signal-ongoing-land-speculation/>
- (16) [http://www.brasil-agro.com/brasilagro2011/web/download\\_arquivos.asp?id\\_arquivo=0D965EA1-E996-4593-8D12-D9C3A13A7529](http://www.brasil-agro.com/brasilagro2011/web/download_arquivos.asp?id_arquivo=0D965EA1-E996-4593-8D12-D9C3A13A7529)
- (17) <https://www.economist.com/the-americas/2020/06/11/how-big-beef-and-soya-firms-can-stop-deforestation>
- (18) <https://informacionpublica.paraguay.gov.py/portal/#!/ciudadano/solicitud/29227>



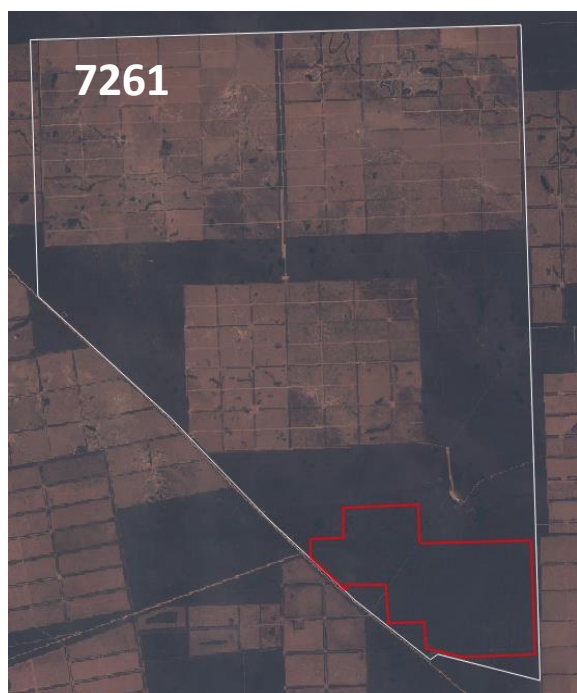
### Property Location



Yellow border – boundary of Mariscal José Félix Estigarribia (Boquerón) / White border – boundary of Le Viole – Estancia Safari / Red dot – location of cleared area

### Alert Imagery (before and after clearance)

September 30, 2019



Source: European Union, contains modified Copernicus Sentinel data 2020, processed with EO Browser

December 26, 2019



Source: European Union, contains modified Copernicus Sentinel data 2020, processed with EO Browser

## 2. Le Viole - Estancia Safari (*Mariscal José Félix Estigarribia/ Pedro P. Pēna*)

<b>Registration (padrón)</b>	7261
<b>Farm size(s) (ha)</b>	20,000
<b>Deforestation (ha)</b>	1,390
<b>Period of clearing</b>	September 30, 2019 - December 26, 2019
<b>Other registrations (padrón)</b>	962 - Mariscal José Félix Estigarribia (formerly Pedro P. Pēna), Boquerón – Likely same registry
<b>Total land portfolio PY (ha)</b>	20,000
<b>Commodity</b>	Cattle

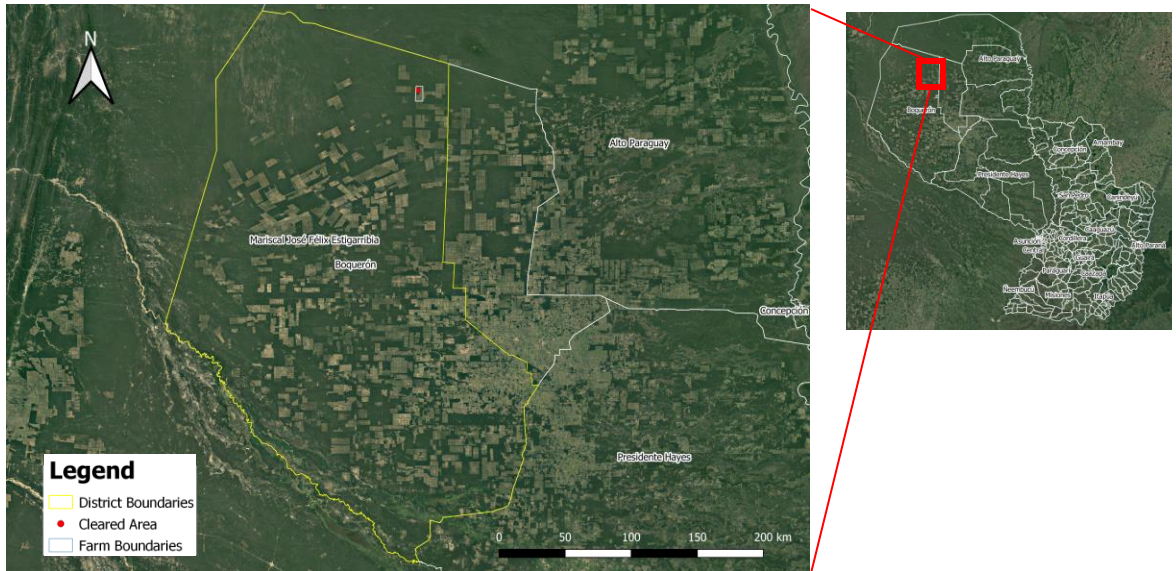
Company Le Viole S.R.L. owns registry 7261 where 1,390 ha of deforestation took place (1). This company is among the largest landowners in Paraguay (2). Le Viole’s Safari III farm appears in list of cattle suppliers that supply the Republic of Chile (3).

MADES approved an (adjusted) land use plan submitted by Le Viole in June 2019 for the clearing of 1,638 ha for agricultural expansion in registry 962, which is part of farm Estancia Safari (Finca n° 21.075) (4). The farm primarily produces crops, livestock, and forestry (5). Registry 962 is located in Pedro P. Pēna, Boquerón (4). Moreover, it also approved a land use plan in February 2019 to clear 2,020 ha on the same farm (6). This registry is also under number 962, but in the Mariscal José Félix Estigarribia district in Boquerón. Considering shifts in district boundaries, size of the property in both documents (20,000 ha), and the expedient numbers of registries 962 and 7261 (under alert), both numbers likely refer to the same registry (7). This would imply that the recent clearing of 1,390 ha in registry 7261/962 was within the maximum limits of the authorized clearing. However, it seems that the deforestation took place in an area that is or was destined as a forest reserve (8). It cannot be derived from the 2019 environmental authorization public documents (4) (6) whether this destination plan of 2015 (5), that was approved in May 2016 (9), has been changed.

Current legal representatives in Paraguay are defined as “directors in the case of stock corporations, or as general manager in the case of a Limited Liability Company” (10.) In this case, the legal representatives of Estancia Safari are Juan Pablo Cartes Montaña and Sofía Cartes Montaña (11). They are the children of Paraguay’s former President Horacio Cartes (2013-2018). His ‘Grupo Cartes’ is the largest business group in Paraguay, with +30 companies and 34,400 ha of farmland in the Chaco region (12). In 2017, he issued decree 7702/17 that freed cattle ranchers to clear all remaining vegetation on their farms. Investigation revealed that Cartes used the decree to clear forest on his own cattle ranch (13). In Brazil, several investigations and lawsuits are active against the former President (14) (15). An earlier license issued by MADES, as well as the Environmental Impact Report (RIMA) of Estancia Safari names Alessandra Crocco as the previous owner of Le Viole S.R.L. (5, 16). It is likely that she sold Estancia Safari to the Cartes Montaña children somewhere between 2016 and 2019. Alessandra Crocco is the widow of Elio Massagrande, an Italian fascist leader and founder of Internazionale Nera, who found refuge in Paraguay during Alfredo Stroessner’s dictatorship after being detained in Madrid in 1977 for manufacturing arms for neofascist movements (17) (18) (19).

- (1) <https://www.catastro.gov.py/servicio-linea/#!/consulta-publica/cuentas-rurales>
- (2) [https://d1tn3vj7xz9fdh.cloudfront.net/s3fs-public/file\\_attachments/yvy\\_jara\\_informe\\_oxfamenparaguay.pdf](https://d1tn3vj7xz9fdh.cloudfront.net/s3fs-public/file_attachments/yvy_jara_informe_oxfamenparaguay.pdf)
- (3) <https://studylib.es/doc/6952805/lista-de-establecimientos-ganaderos-habilitados-como>
- (4) <http://www.mades.gov.py/wp-content/uploads/2019/06/FIRMA-LE-VIOLE-SRL-EXP-SIAM-Nº-1323-2019.pdf>
- (5) [http://mades.gov.py/sites/default/files/users/control/estancia\\_Safari\\_mario.veron\\_.pdf](http://mades.gov.py/sites/default/files/users/control/estancia_Safari_mario.veron_.pdf)
- (6) <http://www.mades.gov.py/wp-content/uploads/2019/05/RESO-AA-Nº-253-2019.pdf>
- (7) <https://www.catastro.gov.py/servicio-linea/#!/consulta-publica/seguimiento-legacy?numeroExpediente=96330&anho=2014>
- (8) <https://siidit.ellipsis-earth.com>
- (9) <http://www.mades.gov.py/expediente/plan-de-uso-explotacion-agropecuaria/>
- (10) <https://www.bizlatinhub.com/when-company-need-legal-representative-paraguay/>
- (11) <http://www.mades.gov.py/wp-content/uploads/2019/06/FIRMA-LE-VIOLE-SRL-EXP-SIAM-Nº-1323-2019.pdf>
- (12) <https://www.oxfam.org/es/informes/paraguay-informe-de-distribucion-de-la-tierra>
- (13) <https://www.earthsight.org.uk/news/idm/illegal-decree-strips-protection-forest-size-belgium>
- (14) <https://deolhonosruralistas.com.br/deolhonoparaguai/2017/11/18/ponte-do-contrabando/>
- (15) <http://www.stj.jus.br/sites/portalp/Paginas/Comunicacao/Noticias/Ministro-suspende-ordem-de-prisao-contrapresidente-do-Paraguai.aspx>
- (16) <http://www.mades.gov.py/expediente/plan-de-uso-explotacion-agropecuaria/>
- (17) [https://www.researchgate.net/publication/338689915\\_Il\\_neofascismo\\_italiano\\_nel\\_Paraguay\\_di\\_Stroessner\\_L%27asilo\\_l%27Internazionale\\_Nera\\_economica\\_e\\_la\\_rimozione\\_del\\_passato\\_criminale](https://www.researchgate.net/publication/338689915_Il_neofascismo_italiano_nel_Paraguay_di_Stroessner_L%27asilo_l%27Internazionale_Nera_economica_e_la_rimozione_del_passato_criminale)
- (18) [https://issuu.com/diario16deburgos/docs/diario\\_16\\_21-7-1977](https://issuu.com/diario16deburgos/docs/diario_16_21-7-1977)
- (19) [https://issuu.com/diario16deburgos/docs/diario\\_16\\_23-2-1977](https://issuu.com/diario16deburgos/docs/diario_16_23-2-1977)

#### Property Location



Yellow border – boundary of Mariscal José Félix Estigarribia (Boquerón) / White border – boundary of Freemont SRL farm / Red dot – location of cleared area

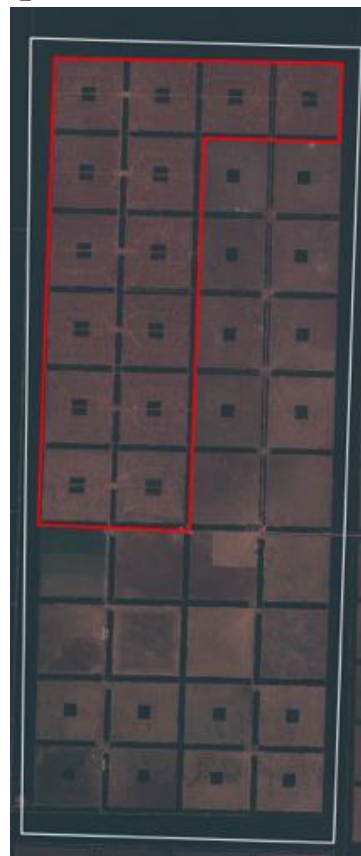
#### Alert Imagery (before and after clearance)

January 20, 2020



Source: European Union, contains modified Copernicus Sentinel data 2020, processed with EO Browser

April 14, 2020



Source: European Union, contains modified Copernicus Sentinel data 2020, processed with EO Browser

### 3. Freemont SRL (*Mariscal José Félix Estigarribia*)

<b>Registration (padrón)</b>	279
<b>Farm size(s) (ha)</b>	5,356
<b>Deforestation (ha)</b>	1,400
<b>Period of clearing</b>	January 20, 2020 - April 14, 2020
<b>Other registrations (padrón)</b>	5906; 5907 (total 10,197 ha) 5489 (6,000 ha) 3602-3609; 4680;5340 (15,567 ha) 279; 5481 (8,000 ha) (All in Mariscal José Félix Estigarribia, Boquerón)
<b>Total land portfolio PY (ha)</b>	39,764
<b>Commodity</b>	Cattle

This registry is owned by Freemont SRL (1), a company based in Mariscal José Félix Estigarribia, Boquerón. The legal representative of the most recently submitted land use plans of Freemont SRL to MADES is Helmut Klassen Toews (2). Therefore, this case may be connected to the Neufeld-Toews Mennonites Colony. See the below cases involving Neufeld & CIA and Cooperativa Chortizer Ltda for more information. Freemont appears to operate at least two cattle ranches in Mariscal Estigarribia: La Tranguera and Rancho Cuatro (3). In 2017, MADES approved the clearing of 1,416 ha in registries 5481 (2,515 ha) and 279 (5,356 ha) (4). The latter registry shows deforestation of approximately 1,400 ha since the approval in 2017. Furthermore, no deforestation was identified in registry 5481. The deforestation in the joint registries did not exceed the 1,416 ha-limit, so the deforestation is likely legal.

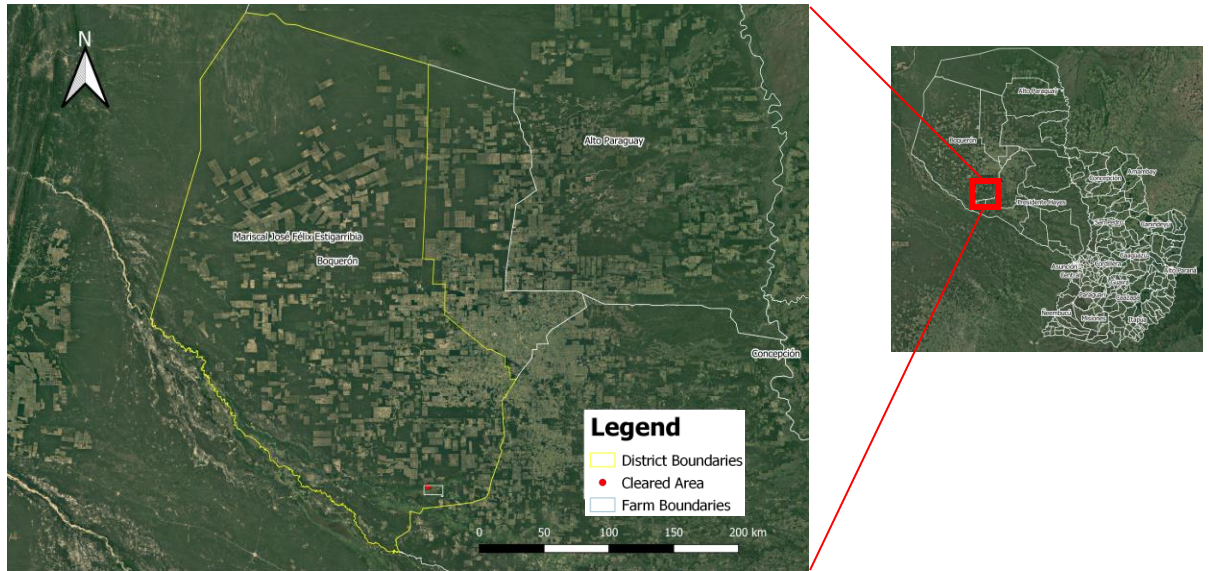
(1) <https://www.catastro.gov.py/servicio-linea/#!/consulta-publica/cuentas-rurales>

(2) <http://www.mades.gov.py/wp-content/uploads/2019/05/RESO-AA-Nº-8105-2019.pdf>

(3) <https://docplayer.es/9650934-Codigo-sigor-del-prop-de-estab-nombre-del-propietario-del-establecimiento.html>

(4) [http://www.mades.gov.py/wp-content/uploads/2018/07/DIA-928.2017\\_GANADERO-Y-PLAN-DE-USO-DE-LA-TIERRA-SISTEMA-SILVOPASTORIL\\_EXP-SEAM-19983\\_FREEMONT-S.A..pdf](http://www.mades.gov.py/wp-content/uploads/2018/07/DIA-928.2017_GANADERO-Y-PLAN-DE-USO-DE-LA-TIERRA-SISTEMA-SILVOPASTORIL_EXP-SEAM-19983_FREEMONT-S.A..pdf)

## Property Location



Yellow border – boundary of Mariscal José Félix Estigarribia (Boquerón) / White border – boundary of Toro Mocho farm / Red dot – location of cleared area

## Alert Imagery (before and after clearance)

January 15, 2020



Source: European Union, contains modified Copernicus Sentinel data 2020, processed with EO Browser

March 5, 2020



Source: European Union, contains modified Copernicus Sentinel data 2020, processed with EO Browser

<b>Registration (padrón)</b>	7333
<b>Farm size(s) (ha)</b>	10,465
<b>Deforestation (ha)</b>	252
<b>Period of clearing</b>	January 15, 2020 – March 5, 2020
<b>Other registrations (padrón)</b>	7334 (7,846 ha)
<b>Total land portfolio PY (ha)</b>	18,311
<b>Commodity</b>	Likely cattle

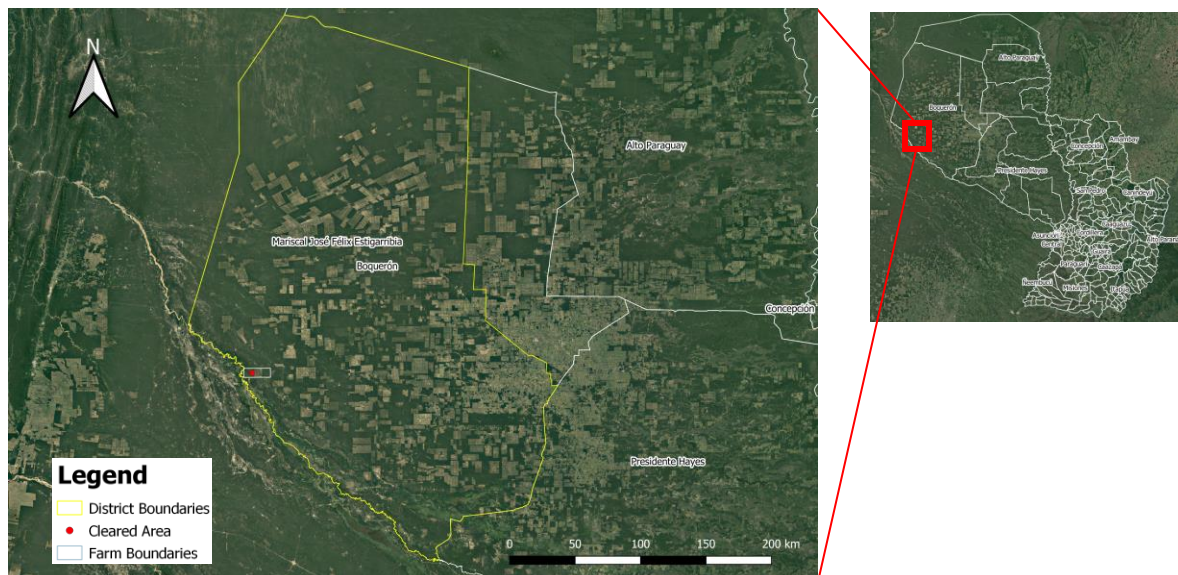
This registry shows deforestation overlapping the boundary of the natural reserve Toro Mocho. Little information was identified on the owner of the registry, Toro Mocho S.A (1). There seems to be no publicly available environmental permit for recent deforestation of 252 (2). However, in 2018, MADES approved the clearing of 363 ha in a 13,573-ha registry in the same district (registry no 5246), but this registry was listed under Toro Blanco S.A (3) and is thus likely a different owner.

(1) <https://www.catastro.gov.py/servicio-linea/#!/consulta-publica/cuentas-rurales>

(2) <http://www.mades.gov.py/areas-tematicas/control-de-los-recursos-naturales/evaluacion-de-impacto/declaracion-de-impacto-ambiental>

(3) <http://www.mades.gov.py/wp-content/uploads/2019/04/RESO-AA-N°115-2018.pdf>

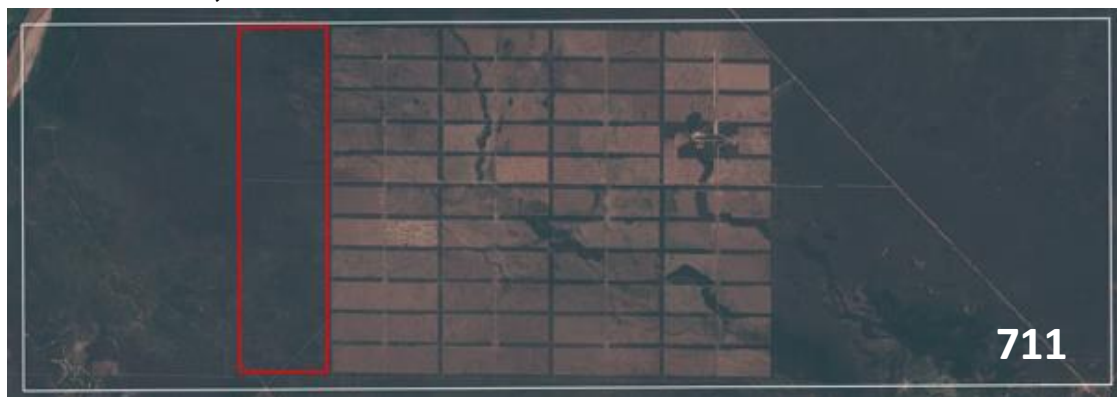
## Property Location



Yellow border – boundary of Mariscal José Félix Estigarribia (Boquerón) / White border – boundary of Estancia La Cumbreña / Red dot – location of cleared area

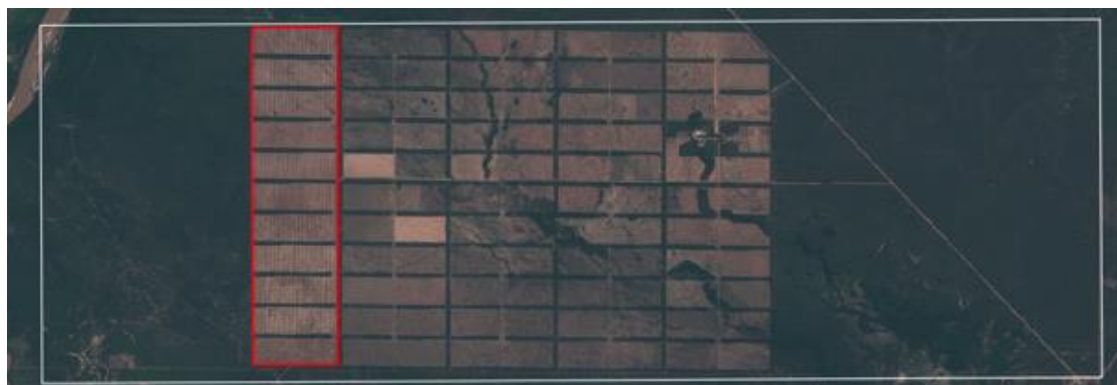
## Alert Imagery (before and after clearance)

November 11, 2019



Source: European Union, contains modified Copernicus Sentinel data 2020, processed with EO Browser

March 5, 2020



Source: European Union, contains modified Copernicus Sentinel data 2020, processed with EO Browser



## 5. Mazuria Inversion(es) - Estancia La Cumbreña (*Mariscal José Félix Estigarribia*)

Registration (padrón)	711
Farm size(s) (ha)	15,445
Deforestation (ha)	338
Period of clearing	November 11, 2019 - March 5, 2020
Other registrations (padrón)	-
Total land portfolio PY (ha)	15,445
Commodity	Cattle and timber

This registry is listed under the ownership of Mazuria Inversion S.A. (1). The company's revenue totaled \$25,166 USD in 2018, and it currently employs 5 people (2). In November 2018, MADES approved the total clearing of 4,535 ha in this 15,445-ha registry in Mariscal José Félix Estigarribia (3) for the expansion of livestock and timber production (4). However, it appears that recent deforestation of 338 ha took place partly (approximately 170 ha) in an area that is destined as a forest reserve (5), which makes these clearings likely illegal. A company also called Mazuria Inversion S.A. (incorporated in December 2001) was registered and now dissolved in Panama, with Antonia Gonzalez Perez listed as the director of the company (5). It remains unclear if this is the same company that invested in land in the Chaco. The Paraguayan Mazuria Inversion is legally represented by Atilio Heisecke (7), former vice minister of Public Works (Ministerio de Obras Públicas y Comunicaciones – MOPC). Paraguay's Contraloría General de la República questioned his continuation in the position due to a conflict of interest, as his company Constructora Heisecke S.A. maintained contracts with the government during his tenure (8).

(1) <https://www.catastro.gov.py/servicio-linea/#!/consulta-publica/cuentas-rurales>

(2) <https://orbis.bydinfo.com/>

(3) [http://www.mades.gov.py/wp-content/uploads/2019/05/RESO-AA-N°-2334\\_2018.pdf](http://www.mades.gov.py/wp-content/uploads/2019/05/RESO-AA-N°-2334_2018.pdf)

(4) [http://mades.gov.py/sites/default/files/users/control/mazuria\\_r.villalba.pdf](http://mades.gov.py/sites/default/files/users/control/mazuria_r.villalba.pdf)

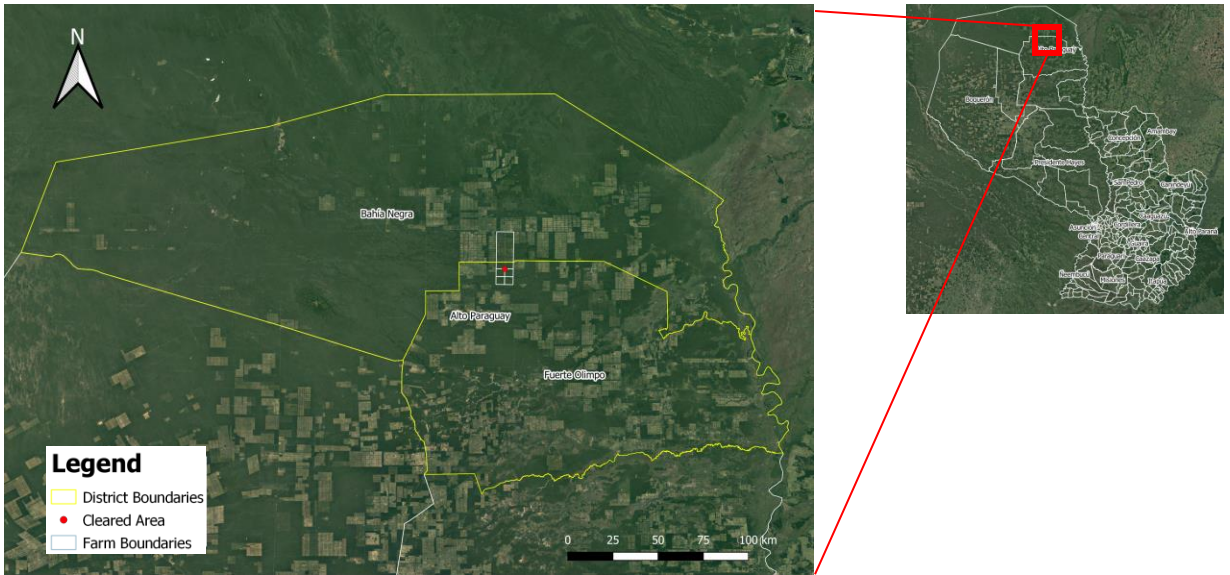
(5) <https://siidit.ellipsis-earth.com>

(6) <https://opencorporates.com/companies/pa/409977>

(7) [http://www.mades.gov.py/wp-content/uploads/2019/05/RESO-AA-N°C2%Bo-2334\\_2018.pdf](http://www.mades.gov.py/wp-content/uploads/2019/05/RESO-AA-N°C2%Bo-2334_2018.pdf)

(8) <https://www.ultimahora.com/la-corrupcion-funcionarios-es-premiada-la-impunidad-n18541.html>

## Property Location



Yellow border – boundary of Fuerte Olimpo and Bahia Negra (Alto Paraguay) / White border – boundary of Estancia La Esperanza / Red dot – location of cleared area

## Alert Imagery (before and after clearance)

October 27, 2019



Source: European Union, contains modified Copernicus Sentinel data 2020, processed with EO Browser

February 29, 2020



Source: European Union, contains modified Copernicus Sentinel data 2020, processed with EO Browser

## 6. Ganadera Cerro Chovoreca - Estancia La Esperanza (Fuerte Olimpo/Bahia Negra)

<b>Registration (padrón)</b>	1752; 1753; 1754; 1755 (Fuerte Olimpo, Alto Paraguay); 513 (Bahia Negra, Alto Paraguay)
<b>Farm size(s) (ha)</b>	27,942
<b>Deforestation (ha)</b>	2,874
<b>Period of clearing</b>	October 27, 2019 - February 29, 2020
<b>Other registrations (padrón)</b>	-
<b>Total land portfolio PY (ha)</b>	27,942
<b>Commodity</b>	Cattle and timber

Ganadera Cerro Chovoreca, owner of the registries with deforestation (1), was granted authorization in October 2019 to clear 2,747 ha in its farm registries in Bahia Negra (513) and Fuerte Olimpo (1752-1755) (2). According to the land use plan, the clearing of 2,747 ha (in the original plan 2,757 ha) on the total 27,942 ha farm will expand the pasture area for livestock production to 15,650 ha (3). The area with remaining vegetation cover (“seasonally saturated semi-deciduous dense forest” and “dense semi-deciduous dense xerophytic forest”) is 12,093 ha, or 43.3 percent of the total area of the property. Land development on this property is also for timber and coal production (3).

Deforestation began at the end of October 2019 and totaled 2,874 ha in June 2020, above the authorized amount of 2,747 ha, and therefore likely illegal. The clearing seems to have slowed and stopped sometime between early March and June 2020 (4).

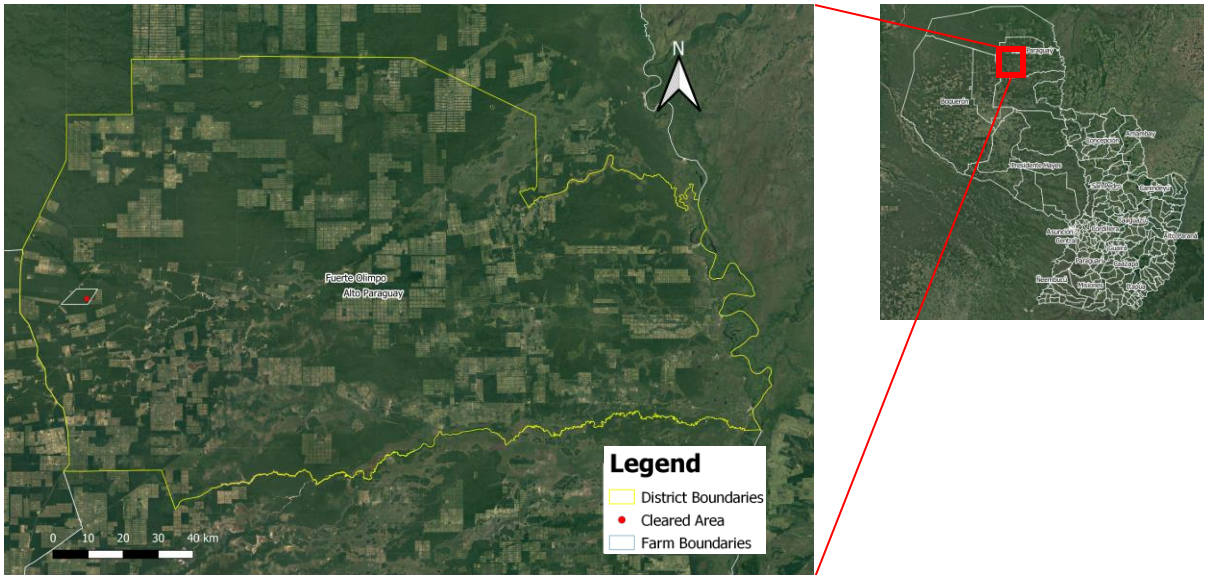
Ganadera Cerro Chovoreca is listed in Oxfam’s Yvy Jara report as one of the largest landowners in Paraguay (5). Legal representative of the farm, Benjamin Piveta Assunção (6), is originally from Brazil and together with his son own at least 33 registries of land in Brazil alone (7). One of these properties is Fazenda Letícia in Rio Verde de Mato Grosso in Mato Grosso do Sul (8, 9) located next to Alto Paraguay. This farm directly supplied cattle to a JBS slaughterhouse in Campo Grande in 2019. The Cerro Chovoreca farm under alert appears in a list of cattle suppliers for beef processors that export to the Republic of Chile (10). Moreover, Estancia La Esperanza is included in the Paraguay’s cattle traceability system in 2020 (11).

In 2012, Assunção was investigated by the State Attorney of Mato Grosso do Sul (MPMS) for the deforestation of 587,007 ha in Fazenda Águas Vivas without an environmental license (12). Assunção also owns Agroganadera Agua Dulce S.A., which operates Fazenda Agua Dulce in Bahia Negra, Alto Paraguay, and received a license to extensively expand cattle production in the area (13). Ganadera Cerro Chovoreca also had a credit agreement with Banco Itaú in Paraguay in 2012 (14).

## 6. Ganadera Cerro Chovoreca - Estancia La Esperanza (Fuerte Olimpo/Bahia Negra)

- (1) <https://www.catastro.gov.py/servicio-linea/#!/consulta-publica/cuentas-rurales>
- (2) <http://www.mades.gov.py/wp-content/uploads/2019/10/GANADERA-CHOVORECA-EXP-SIAM-Nº-4097.19-1.pdf>
- (3) [http://www.mades.gov.py/wp-content/uploads/2019/02/16902\\_B.PIVETA\\_CRISTIAN.V.pdf](http://www.mades.gov.py/wp-content/uploads/2019/02/16902_B.PIVETA_CRISTIAN.V.pdf)
- (4) <https://apps.sentinel-hub.com/eo-browser/?zoom=10&lat=41.9&lng=12.5&themeId=DEFAULT-THEME>
- (5) <https://www.oxfam.org/es/informes/paraguay-informe-de-distribucion-de-la-tierra>
- (6) <http://www.mades.gov.py/wp-content/uploads/2019/10/GANADERA-CHOVORECA-EXP-SIAM-Nº-4097.19-1.pdf>
- (7) [https://sigef.incra.gov.br/consultar/parcelas/?termo=&pesquisa\\_avancada=True&cpf\\_cnpj=08658650944&proprietario=&cns=&matricula=&codigo=&protocolo=&credenciado=&vertice=&sn-cr=](https://sigef.incra.gov.br/consultar/parcelas/?termo=&pesquisa_avancada=True&cpf_cnpj=08658650944&proprietario=&cns=&matricula=&codigo=&protocolo=&credenciado=&vertice=&sn-cr=)
- (8) <https://www.girodobo.com.br/lotos-destaque/fazenda-leticia-benjamin-piveta-assuncao-rio-verde-ms/>
- (9) [http://bi.agricultura.gov.br/reports/rwervlet?sisbov\\_cons&propriedades\\_aptas.rdf&p\\_nm\\_arquivo=propriedades\\_aptas.rdf&p\\_cs\\_aptas=S&foco\\_campo=&p\\_usuario=16614&p\\_flag=1&p\\_invoker=sisbov.ap\\_pr\\_opriedades\\_aptas\\_rep&p\\_serial=44429639&paramform=no](http://bi.agricultura.gov.br/reports/rwervlet?sisbov_cons&propriedades_aptas.rdf&p_nm_arquivo=propriedades_aptas.rdf&p_cs_aptas=S&foco_campo=&p_usuario=16614&p_flag=1&p_invoker=sisbov.ap_pr_opriedades_aptas_rep&p_serial=44429639&paramform=no)
- (10) <https://studylib.es/doc/6952805/lista-de-establecimientos-ganaderos-habilitados-como>
- (11) [http://www.sitrap.org.py/admin/listados/SENACSA-Lista\\_SITRAP\\_2020\\_06\\_yu272d95.pdf](http://www.sitrap.org.py/admin/listados/SENACSA-Lista_SITRAP_2020_06_yu272d95.pdf)
- (12) <https://www.mpms.mp.br/domp/2015/07/10>
- (13) <http://www.mades.gov.py/wp-content/uploads/2019/09/FIRMA-AGUA-DULCE-SA-EXP-SIAM-NºC2%Bo-2374-2019.pdf>
- (14) <http://diariocorreocomercial.com.py/publi-asamblea.php?n=6150>

## Property Location



Yellow border – boundary of Fuerte Olimpo (Alto Paraguay) / White border – boundary of Henrique Diniz Junqueira/Agroganadera Aguaray farm / Red dot – location of cleared area

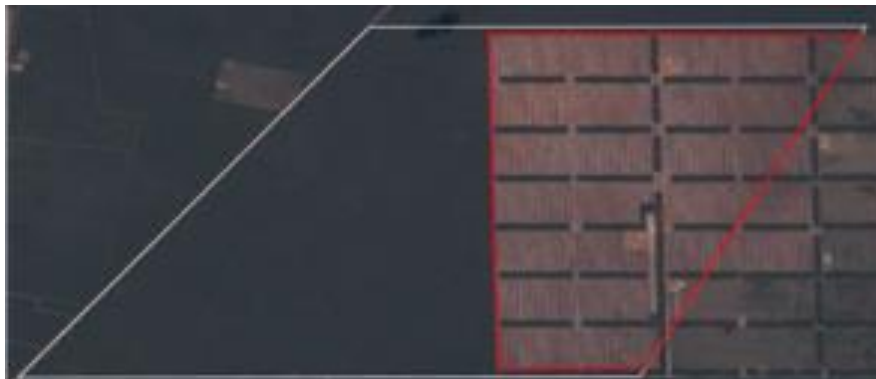
## Alert Imagery (before and after clearance)

June 24, 2019



Source: European Union, contains modified Copernicus Sentinel data 2020, processed with EO Browser

October 12, 2019



Source: European Union, contains modified Copernicus Sentinel data 2020, processed with EO Browser

<b>Registration (padrón)</b>	1392
<b>Farm size(s) (ha)</b>	3,015
<b>Deforestation (ha)</b>	1,138
<b>Period of clearing</b>	June 24, 2019 - October 12, 2019
<b>Other registrations (padrón)</b>	Estancia Moneda: 1198 (together with registry 1392 the farm totals 6,015 ha) Agroganadera Aguaray: 321 (10,601 ha); 895; 951 (5,195 ha) (General Isidoro Resquín, San Pedro)
<b>Total land portfolio PY (ha)</b>	36,573 (30,558 ha for Estrellita and 6,015 ha for the farm under alert)
<b>Commodity</b>	Cattle (beef), soy, corn

More than a third of this 3,015-ha registry owned by Henrique Diniz Junqueira (1) was cleared between June 24, 2019 and October 12, 2019. Henrique is a Brazilian national that operates the cattle ranch 'La Moneda' in Fuerte Olimpo (2) and farm Estrellita in San Pedro department, which is part of Agroganadera Aguaray's 30,588 hectares on the Paraguayan side (3, 4). The La Moneda farm is likely the same as registry 1392 under alert (5). In February 2019 an abandoned plane, presumably a 'narco-plane', was found on the runway of the La Moneda farm (2).

Henrique co-owns Agroganadera Aguaray with his father-in-law, Evaldo Emílio de Araújo. Only 28,066 out of 30,588 ha on Agroganadera Aguaray's farmlands had property titles in 2009 in General Resquín, San Pedro. According to the Comisión Sintierras de Aguaray, the remaining 2,491 ha were to be transferred to landless workers for agrarian reform. However, the case was closed after the judge allowed the company to incorporate the land valued at \$15 million USD (6). The company has also been accused of using agrichemicals that negatively impacted neighboring peasant communities (7).

In Brazil, Henrique also owns Bela Vista Agropecuária that operates in Minas Gerais, Pará, Mato Grosso do Sul and São Paulo. The company was prosecuted for provoking illegal fires in an Atlantic rainforest conservation unit (8). Henrique's brother, Gustavo Diniz Junqueira is Secretary of Agriculture in the state of São Paulo (2018-present) and the former president of Brazilian Rural Society (SRB) (9).

While Fazenda Estrellita got its start in livestock production in 1974, in 2020 the farm reportedly grew about 13,500 hectares of soybeans while operating 8,000 ha of pasture with about 20,000 heads of cattle. Fazenda Estrellita gets some of its animal feed from Cargill-Nutron (10). Estrellita is also covered in a 2010 list of properties eligible for export by the National Service for Quality and Animal Health (SENAESA) (11).

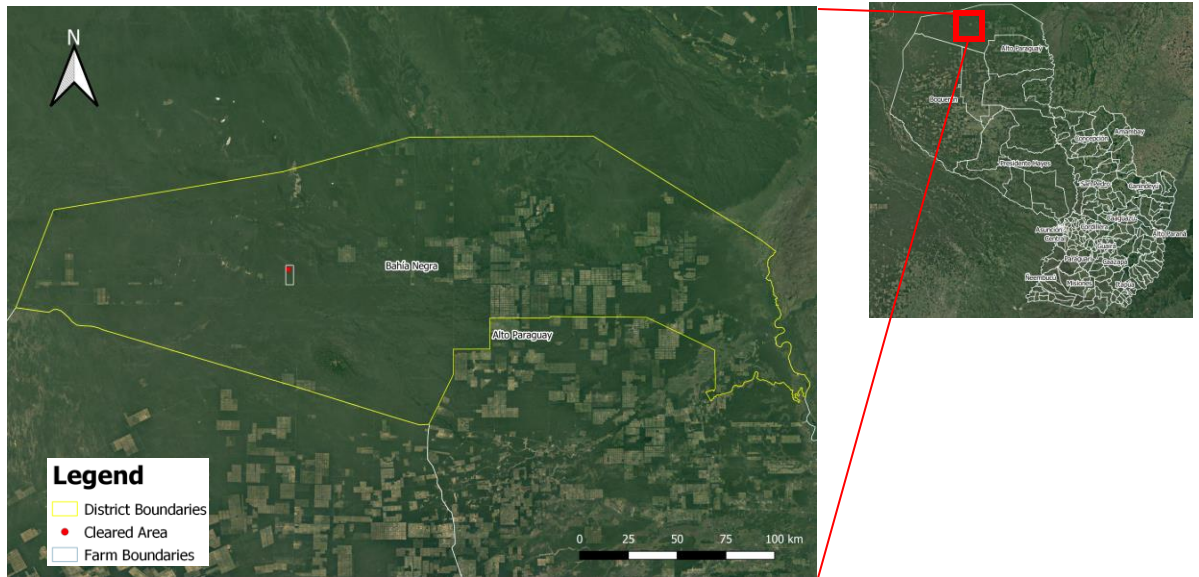
Agroganadera Aguaray has made several approved requests in 2019 for the clearance of native vegetation in registries 321, 895, and 951 (totaling 15,796 ha), all in General Isidoro Resquín, San Pedro (12). In 2018, MADES approved the clearing of 2,557 ha in the 6,015 ha farm dubbed Estancia Moneda (13). Therefore, the recent deforestation of 1,138 ha likely represents legal deforestation. Contrary to the rural cadaster SNC website, in the 2018 environmental declaration, the farm is registered under the name of José Reis Pereira Filho. He is also a family member of the Evaldo Emílio de Araújo - Henrique Diniz Junqueira ranchers (14).

## 7. Henrique Diniz Junqueira/Agroganadera Aguaray - Estancia La Moneda (*Fuerte Olimpo*)

Alto  
Paraguay

- (1) <https://www.catastro.gov.py/servicio-linea/#!/consulta-publica/cuentas-rurales>
- (2) <https://www.ultimohora.com/hallan-avioneta-abandonada-una-estancia-del-chaco-n2798278.html>
- (3) <https://deolhonosruralistas.com.br/deolhonoparaguai/2018/08/30/assassinatos-de-camponeses-e-crimes-ambientais-marcam-trajetoria-de-evaldo-emidio-de-araujo-no-paraguai>
- (4) <https://deolhonosruralistas.com.br/deolhonoparaguai/2017/11/06/proprietarios-brasileiros-tem-14-das-terras-paraguaias/>
- (5) <https://www.contrataciones.gov.py/documentos/download/convocatoria/14osVgc05cs%25253D>
- (6) <https://www.ultimohora.com/excedente-concedido-usucapion-agroganadera-vale-usd-15-millones-n822071.html>
- (7) <https://www.hoy.com.py/nacionales/ministro-de-agricultura-ofrecio-a-campesinos-una-reunio>
- (8) <http://g1.globo.com/Noticias/SaoPaulo/o..MUL152086-5605.00.html>
- (9) <https://deolhonosruralistas.com.br/2018/05/22/fhc-o-fazendeiro-fundacao-fhc-fica-no-mesmo-predio-e-nao-por-a-caso-que-sociedade-rural-brasileira/>
- (10) <http://vanstrate.com/granusa/estrategias-para-la-intensificacion-de-la-recria-y-engorde-en-ganaderia-de-carne/>
- (11) <https://www.yumpu.com/es/document/read/9264885/list-export-2010-general-05-marzo-senacsa>
- (12) <http://www.mades.gov.py/areas-tematicas/control-de-los-recursos-naturales/evaluacion-de-impacto/declaracion-de-impacto-ambiental/>
- (13) <http://www.mades.gov.py/expediente/explotacion-agropecuaria-7/>
- (14) <https://deolhonosruralistas.com.br/deolhonoparaguai/2018/08/30/assassinatos-de-camponeses-e-crimes-ambientais-marcam-trajetoria-de-evaldo-emidio-de-araujo-no-paraguai/>

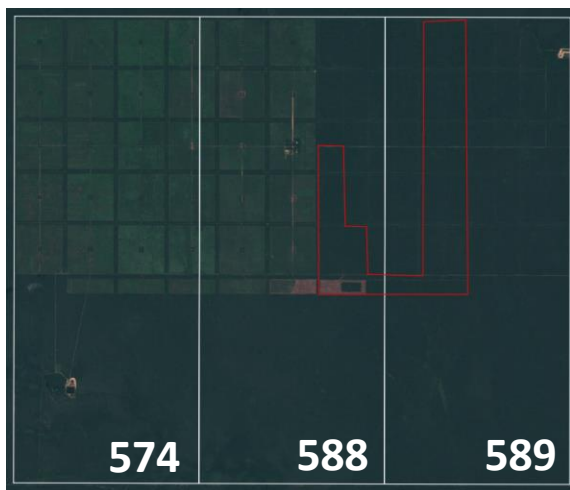
## Property Location



Yellow border – boundary of Bahia Negra (Alto Paraguay) / White border – boundary of Neufeld CIA SA (NECSA) farm / Red dot – location of cleared area

## Alert Imagery (before and after clearance)

February 14, 2020



Source: European Union, contains modified Copernicus Sentinel data 2020, processed with EO Browser

May 29, 2020



Source: European Union, contains modified Copernicus Sentinel data 2020, processed with EO Browser



## 8. Neufeld CIA SA (NECSA) (*Bahia Negra*)

<b>Registration (padrón)</b>	589; 588; 574
<b>Farm size(s) (ha)</b>	12,000
<b>Deforestation (ha)</b>	779 (4,450 ha between Jul 2018 - Jul 2020)
<b>Period of clearing</b>	February 14, 2020 - May 29, 2020
<b>Other registrations (padrón)</b>	541 (10 ha); 3161 (Loma Plata, Boquerón) 6055-6057; 6059-6064; 1021; 1050; 1057-1058; 1089 (under Froese Wiebe Ferdinand) (Mariscal José Félix Estigarribia, Boquerón): total 5,762 ha 2076 (Presidente Hayes)
<b>Total land portfolio PY (ha)</b>	At least 17,772
<b>Commodity</b>	Fuel, lubricants, cattle

The owner of the registries showing recent deforestation is Neufeld & CIA S.A. (NESCA) (1), a fuel and lubricants company established in 2002 by the Neufeld family. Andreas Neufeld Toews, one of the partners of NESCA, may have shares in at least four other companies: Inmobiliaria El Sol SRL, Orgalco SRL, construction company Neufeld, and Sociedad Cooperativa Chortizer Komitee (2). Andreas was the president of the Cooperativa Chortizer Ltda in 2012 (see next case) (3). NESCA also operates service station Petrobras, located at a property (registry 2076) owned by the Civil Society Chortizer Committee (4). In his time as Vice Minister of Taxation (2004 - 2007), NESCA allegedly closed four contracts with the Paraguayan government worth \$1,706 million PYG between 2005-2006 (2).

Several registries linked to NESCA seem to have approved land use plans for land development (5, 6, 7). There is also an adjusted environmental declaration plan from July 2018 that approves the clearing of 4,620 ha on the 12,000 ha farm of Neufeld & CIA that covers registries 574, 588, and 589 in Bahia Negra, Alto Paraguay (8). With 4,450 ha of deforestation detected between July 2018 and July 2020, this deforestation remains within the maximum approved limits and can therefore likely be considered legal deforestation.

(1) <https://www.catastro.gov.py/servicio-linea/#1/consulta-publica/cuentas-rurales>

(2) <https://www.abc.com.py/edicion-impresa/economia/empresa-de-neufeld-hizo-millonarios-contratos-directos-con-el-estado-990563.html>

(3) [http://www.solventa.com.py/wp-content/uploads/2017/09/Informe-Chortizer-DIC-2016\\_VE.pdf](http://www.solventa.com.py/wp-content/uploads/2017/09/Informe-Chortizer-DIC-2016_VE.pdf)

(4) [http://mades.gov.py/sites/default/files/users/control/neufelf%26cia\\_cristina.s.pdf](http://mades.gov.py/sites/default/files/users/control/neufelf%26cia_cristina.s.pdf)

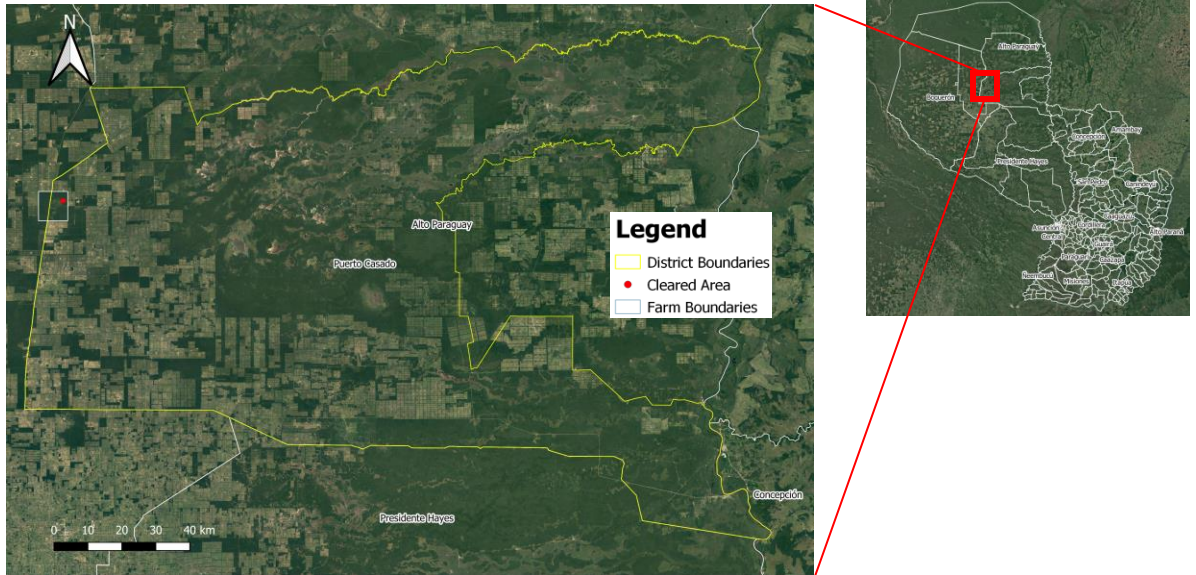
(5) <http://www.mades.gov.py/wp-content/uploads/2019/05/NEUFELD-Y-CIA-CRUCE-LOMA-PLATA-EXP-578-2019.pdf>

(6) <http://www.mades.gov.py/wp-content/uploads/2019/06/FIRMA-NEUFELD-Y-CIA-SA-EXP-SIAM-N°-1651-2019.pdf>

(7) <http://www.mades.gov.py/wp-content/uploads/2019/05/img-181119113216.pdf>

(8) <http://www.mades.gov.py/wp-content/uploads/2019/04/RESO-AA-N°-1361-2018.pdf>

## Property Location



Yellow border – boundary of Puerto Casado (Alto Paraguay) / White border – boundary of Cooperativa Chortitzer farm / Red dot – location of cleared area

## Alert Imagery (before and after clearance)

March 10, 2020



Source: European Union, contains modified Copernicus Sentinel data 2020, processed with EO Browser

May 24, 2020



Source: European Union, contains modified Copernicus Sentinel data 2020, processed with EO Browser

<b>Registration (padrón)</b>	1292
<b>Farm size(s) (ha)</b>	7,500
<b>Deforestation (ha)</b>	202
<b>Period of clearing</b>	March 10, 2020 - May 24, 2020
<b>Other registrations (padrón)</b>	In Puerto Casado, Alto Paraguay: 35; 427; 1907. In TTE 1º Manuel Irala Fernandez (Presidente Hayes): 219; 265; 289; 321; 354; 539; 1873. In Villa Hayes (Presidente Hayes): 2398; 2464; 14392; 14668; 13924. In Loma Plata (Boquerón/Alto Paraguay): 20; 42; 850; 1328-1329. In Fuerte Olimpo (Alto Paraguay): 1773. In Mariano Roque Alonso (Central): 4556. In Mcal. José Félix Estigarribia (Boquerón): 7235. In Coronel Oviedo (Caaguazú): 2448
<b>Total land portfolio PY (ha)</b>	98,636
<b>Commodity</b>	Cattle (beef and dairy products), edible oils, cotton, grains (e.g. soy, corn, wheat), nuts and seeds (e.g. peanuts, sesame)

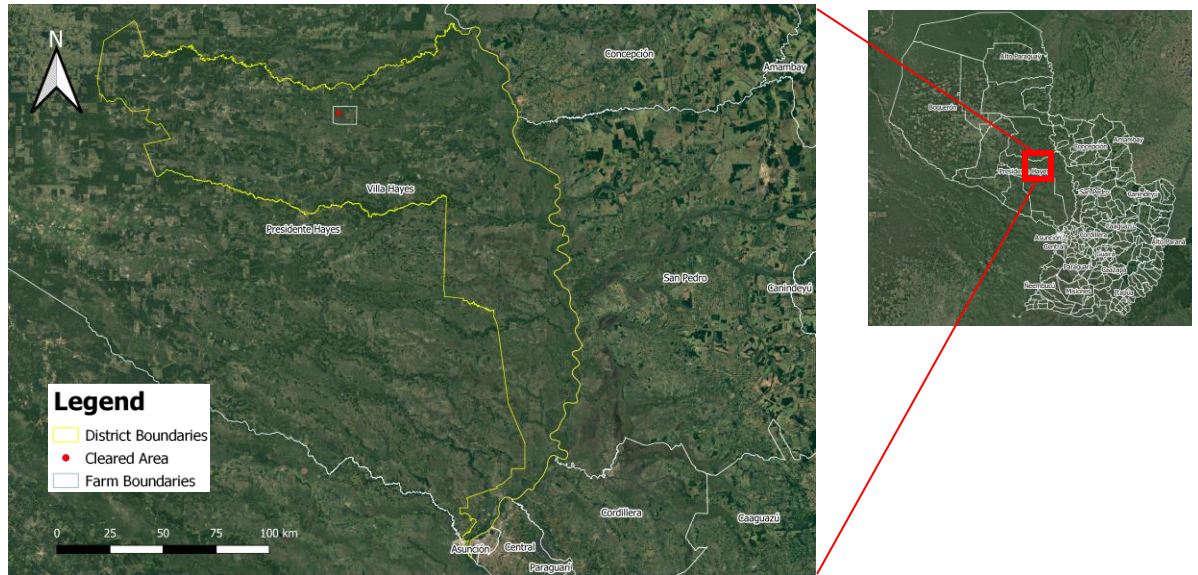
The owner of the registry where the deforestation occurred is Cooperativa Chortizer (1). This cooperative is one of the three largest Mennonite cooperatives in Paraguay, with a total landbank estimated at 98,636 ha (2). In 2013, Gustav Sawatzky Toews succeeded Andreas Neufeld Toews as the elected president of the company. The company was formally incorporated in 1962, and its main services include credit and loan administration, trade and commerce, livestock trade, import /export; fodder, dairy and beef production (3). Its main branches, Lácteos Trebol and FrigoChorti, are producing dairy and beef, respectively. FrigoChorti reportedly “slaughters more than 200,000 heads of cattle per year and positions itself as an important Paraguayan exporter to the world market” (4). The majority of slaughtered cattle go to exports (70 percent), mainly to Chile (42 percent) and Russia (24 percent.) The remaining 30 percent is for the local market (5). In January and February 2020, the 29,775 animals transported to the Frigo Chorti slaughterhouse in Boquerón originated from departments PDTE Hayes (30 percent), Alto Paraguay (34 percent) and Boquerón (35 percent). Top supplying districts per department were Paratodo, Campo Boreal, and Col. Menno respectively (6). Cooperativa Chortizer is included in the 2020 cattle traceability system of Paraguay (7).

In 2006, Cooperativa Chortizer was accused of tax evasion (8). Reported total assets of the company reached \$2.097 billion PYG, and net equity reached \$903,607 million PYG in September 2017 (9). Together with Eaton y Cía S.A., Cooperativa Chortizer was the occupier of the traditional territory of the Sanapaná people. The court case Indigenous Community Xákmok Kásek vs State of Paraguay (10) in the Inter-American Court of Human Rights resulted in the resettlement of the community after 30 years in exile (11).

The latest information from INFONA reveals that Cooperativa Chortitzer obtained approval for the deforestation of 214 ha in registry 1292 in 2019 (12). Therefore, the clearing of 202 ha between March 10, 2020 - May 24, 2020 likely represents legal deforestation. Cooperativa Chortitzer has no public policy to protect forest in the Chaco (13).

- (1) <https://www.catastro.gov.py/servicio-linea/#!/consulta-publica/cuentas-rurales>
- (2) [https://d1tn3vj7xz9fdh.cloudfront.net/s3fs-public/file\\_attachments/yvy\\_jara\\_informe\\_oxfamenparaguay.pdf](https://d1tn3vj7xz9fdh.cloudfront.net/s3fs-public/file_attachments/yvy_jara_informe_oxfamenparaguay.pdf)
- (3) <https://www.chortizer.com.py/en/cooperativa-chortizer/>
- (4) <http://www.frigochorti.com.py>
- (5) [http://www.solventa.com.py/wp-content/uploads/2017/09/Informe-Chortizer-DIC-2016\\_VF.pdf](http://www.solventa.com.py/wp-content/uploads/2017/09/Informe-Chortizer-DIC-2016_VF.pdf)
- (6) <https://informacionpublica.paraguay.gov.py/portal/#!/ciudadano/solicitud/29227>
- (7) [http://www.sitrap.org.py/admin/listados/SENACSA-Lista\\_SITRAP\\_2020\\_06\\_yu272d95.pdf](http://www.sitrap.org.py/admin/listados/SENACSA-Lista_SITRAP_2020_06_yu272d95.pdf)
- (8) <https://www.abc.com.py/edicion-impresa/economia/acusan-a-neufeld-de-encubrir-evasion-de-cooperativa-de-la-que-fue-gerente-886468.html>
- (9) [http://www.solventa.com.py/wp-content/uploads/2017/09/Informe-Chortizer-DIC-2016\\_VF.pdf](http://www.solventa.com.py/wp-content/uploads/2017/09/Informe-Chortizer-DIC-2016_VF.pdf)
- (10) [http://www.corteidh.or.cr/docs/casos/articulos/seriec\\_214\\_ing.pdf](http://www.corteidh.or.cr/docs/casos/articulos/seriec_214_ing.pdf)
- (11) <https://www.iwgia.org/en/paraguay/2226-paraguay-after-30-years-of-exile-xakmok-kasek-reoc.html>
- (12) <https://informacionpublica.paraguay.gov.py/portal/#!/ciudadano/solicitud/32369>
- (13) <https://www.globalcanopy.org/sites/default/files/documents/resources/Deforestation%20in%20the%20Paraguayan%20Chaco%20-%20How%20can%20banks%20manage%20risks%20from%20financing%20the%20cattle%20sector.pdf>

## Property Location



Yellow border – boundary of Villa Hayes (Presidente Hayes) / White border – boundary of Agroganadera Pyvithur farm / Red dot – location of cleared area

## Alert Imagery (before and after clearance)

February 6, 2020



Source: European Union, contains modified Copernicus Sentinel data 2020, processed with EO Browser

March 12, 2020



Source: European Union, contains modified Copernicus Sentinel data 2020, processed with EO Browser

<b>Registration (padrón)</b>	4971
<b>Farm size(s) (ha)</b>	9,618
<b>Deforestation (ha)</b>	400
<b>Period of clearing</b>	February 6, 2020 - March 12, 2020
<b>Other registrations (padrón)</b>	5256; 6395; 5574 (all in Mariscal José Félix Estigarribia)
<b>Total land portfolio PY (ha)</b>	24,618
<b>Commodity</b>	Cattle

Between February 6, 2020, and March 12, 2020, 171 ha of native vegetation was cleared on registry 4971, owned by Agroganadera Pyvithur SA. The property was likely bought in 2019 (1). Details on the ownership of this company could not be found.

While MADES approved several requests for clearing native vegetation by this company, these were not for the registry in question 4971, but rather for registries 6395 and 5256 in 2016 and 2018, and for registry 5574 in 2019 for 5,000 ha each in Mariscal Estigarribia, Boquerón (1, 2). The clearings were meant expand pasture area in the northern-central part of the Chaco, specifically for beef production (3). The farm is likely called Estancia Teniente (TTE) Prieto and is included in the cattle traceability system of Paraguay in 2020 (4).

Any publicly available approval for the recent deforestation of 400 ha in registry 4971 in Villa Hayes was not found (2). This registry borders indigenous land Enxet Sur belonging to the Makxawaya community (5). In 2018, 72 percent of the 39,829 MT beef trade volume exported from Villa Hayes was exported by Minerva (6).

(1) <https://www.catastro.gov.py/servicio-linea/#!/consulta-publica/cuentas-rurales>

(2) <http://www.mades.gov.py/areas-tematicas/control-de-los-recursos-naturales/evaluacion-de-impacto/declaracion-de-impacto-ambiental/>

(3) [http://mades.gov.py/sites/default/files/users/control/pivithur\\_a.vargas.pdf](http://mades.gov.py/sites/default/files/users/control/pivithur_a.vargas.pdf)

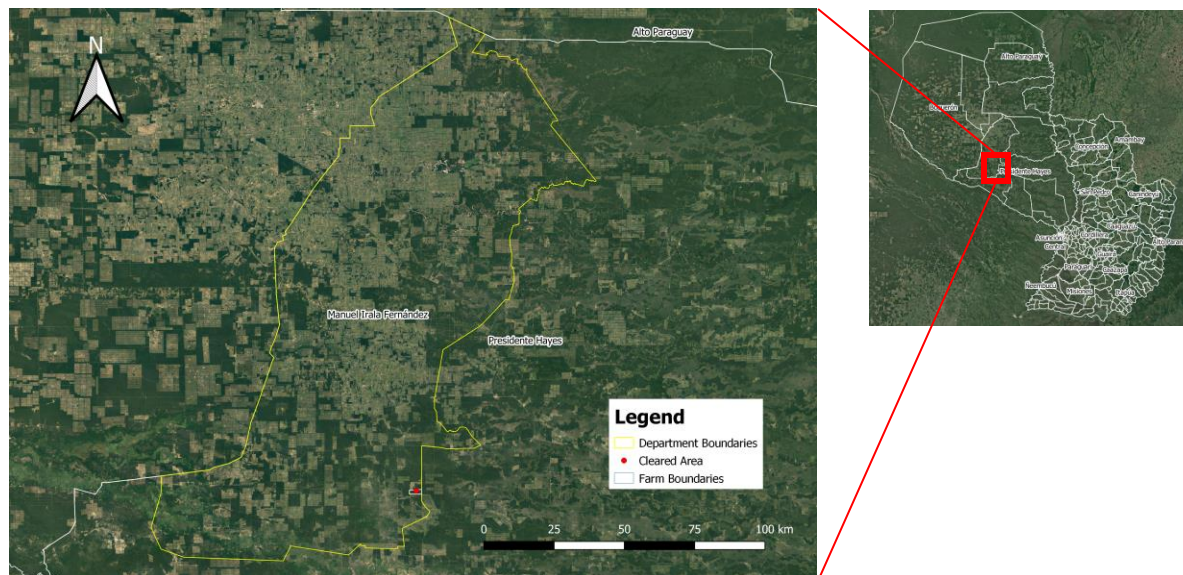
(4) [http://www.sitrap.org.py/admin/listados/SENACSA-Lista\\_SITRAP\\_2020\\_06\\_yu272d95.pdf](http://www.sitrap.org.py/admin/listados/SENACSA-Lista_SITRAP_2020_06_yu272d95.pdf)

(5)

<https://www.dgeec.gov.py/Publicaciones/Biblioteca/censo%20indigena%202012/Pueblos%20indigenas%20en%20el%20Paraguay%20%20Resultados%20preliminares%20-%20CNI%202012.pdf>

(6) <https://trase.earth/>

## Property Location



Yellow border – boundary of Manuel Irala Fernández (Presidente Hayes) / White border – boundary of Sanly Funk Siemens farm / Red dot – location of cleared area

## Alert Imagery (before and after clearance)

January 2, 2020



Source: European Union, contains modified Copernicus Sentinel data 2020, processed with EO Browser

May 26, 2020



Source: European Union, contains modified Copernicus Sentinel data 2020, processed with EO Browser

<b>Registration (padrón)</b>	1510
<b>Farm size(s) (ha)</b>	670
<b>Deforestation (ha)</b>	324
<b>Period of clearing</b>	January 2, 2020 - May 26, 2020
<b>Other registrations (padrón)</b>	-
<b>Total land portfolio PY (ha)</b>	670
<b>Commodity</b>	Cattle

In 2019, the owner of this registry, Sanly Funk Siemens (1), was granted permission to clear 281 ha of land for livestock expansion. The remaining area is should be conserved as reserves (190 ha), borders (72 ha), and area for natural regeneration (12 ha), next to an existing pasture area (105 ha), chopping area (2 ha) and road infrastructure (8 ha) (2, 3). However, Rapid Response analysis on the registry points to deforestation of 324 ha of land between January 2, 2020, and May 26, 2020. Thus, 43 ha of forest appear to have been cleared without authorization.

(1) <https://www.catastro.gov.py/servicio-linea/#!/consulta-publica/cuentas-rurales>

(2) <http://www.mades.gov.py/wp-content/uploads/2019/09/SANLY-FUNK-SIEMENS-EXP-SIAM-Nº-2333-2019.pdf>

(3) [http://www.mades.gov.py/wp-content/uploads/2019/08/2333\\_dalmacio\\_barboza.pdf](http://www.mades.gov.py/wp-content/uploads/2019/08/2333_dalmacio_barboza.pdf)