

# Update from the Feed Ingredient Certification Sector

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# Who we are

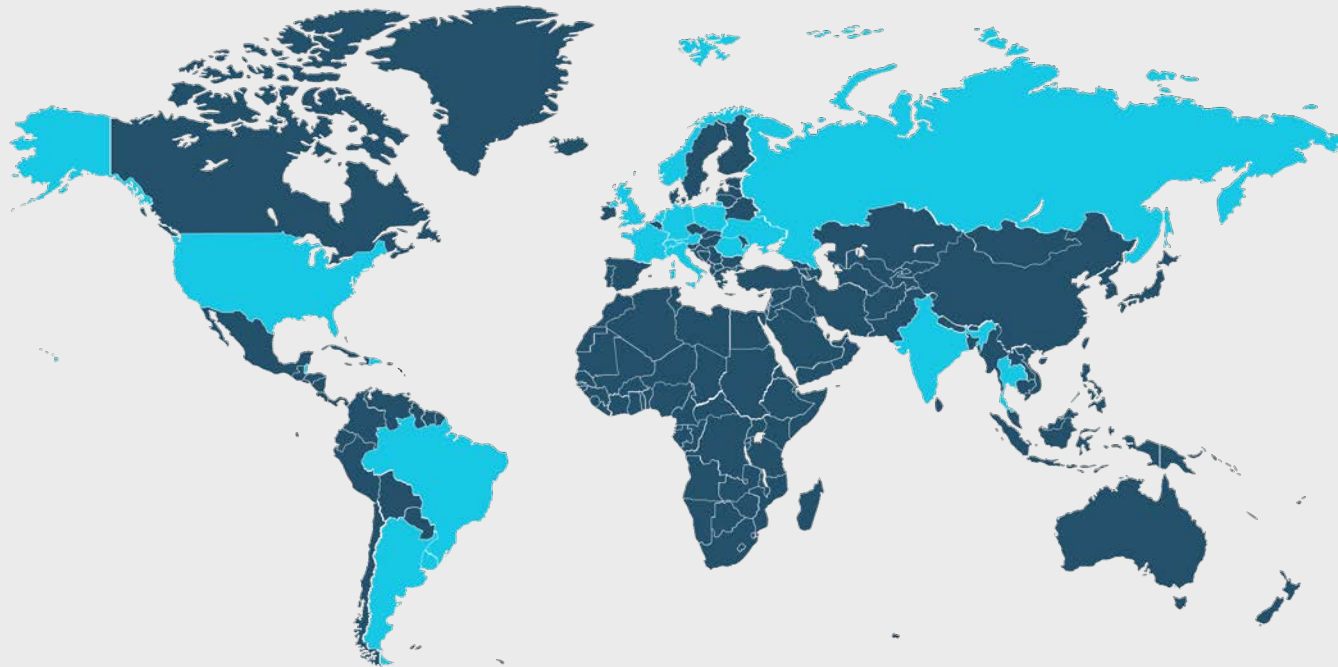


The ProTerra Foundation is a non-for-profit organization located in the Netherlands

We envisages a world where all businesses:

- contribute to the protection of biodiversity by e.g. switching to non-GMO production
- conserve natural resources and
- ensure that workers and local communities are treated with dignity and respect

## Who we are - The ProTerra Foundation – where we are in 2020



Argentina, Austria, Belgium, Belize, Brazil, Switzerland, Germany, Dominican Republic, France, Guadelupe, India, Italy, Netherlands, Norway, Poland, Romania, Russia, Thailand, Ukraine, United Kingdom, United States of America, Uruguay.

## Who we are - The ProTerra Foundation in numbers - SOY

Country (certified soy in MT)	2018	2019
Brasil	2.842.000	2.582.000
Russia	70.000	40.000
Canada	8.000	43.200
France	6000	595
Argentina	200.000	140.000
Germany	60.000	-
Italy	150.000	3.734
Ukraine	150.000	140.000
Uruguai	25.000	25.000
Belgium	-	8.500
Poland	-	5.345
<b>TOTAL</b>	<b>3.511.000</b>	<b>2.988.374</b>

# Certification models

## Identity Preservation (IP)

- The material is kept separate
- **Maximum traceability** from production to end use
- Documentation for each batch

## Segregation

- Certified sources are kept **separate**
- Output quantities correspond to the input quantities

# Certification models

## Mass balance

- Use of both certified and uncertified product
- Equivalent amount can then be sold as certified

## Certificate 'book and claim' trading

- The flow is not connected to the physical flow
- Covers the amount of uncertified material
- Electronic trading systems - no guarantees





### Risks:

- GMO presence
- Pesticide use
- Land conversion
- Land conflicts
- Labour conditions

**Manage and mitigate risks**

**Soy is a hidden product**

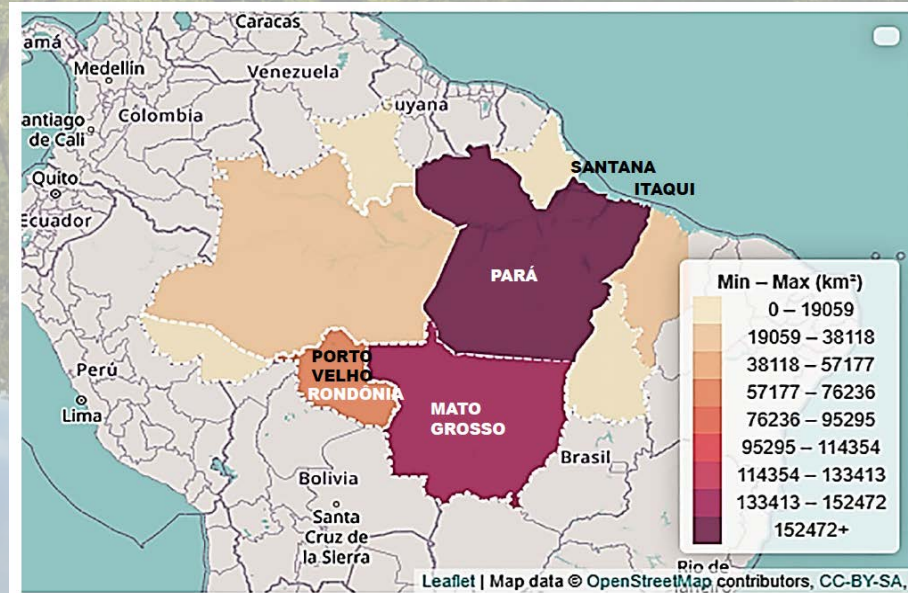


# Land conversion

- The most affected areas are the ones along export corridors towards the ports
- Cerrado biome follows the same profile

Brazilian soybean exports (till June 2020)

Destination	2016	2017	2018	2019	2020
China	38.563.909	53.796.980	68.839.903	57.959.556	43.360.984
EU 28	5.279.870	5.191.076	5.096.943	5.177.955	6.729.041
Asia (except China)	4.336.048	5.275.129	3.650.388	4.892.983	5.242.203
Other Destinations	3.402.048	3.891.624	6.017.973	6.007.839	5.017.365
Middle East	1.624.432	1.645.740	1.745.600	2.039.900	979.837
CEI	1.017.379	1.029.281	1.095.241	961.426	610.295
Other countries in Europe	534.873	557.644	1.595.823	1.704.227	1.706.195
Nafta	129.291	254.858	338.619	682.880	789.701
Africa	73.846	174.245	312.897	211.184	598.286
Americas	22.226	229.856	929.792	408.223	333.051
Australia	0	0	0	0	0
Other	0	0	0	0	0
<b>Total</b>	<b>51.581.875</b>	<b>68.154.809</b>	<b>83.605.208</b>	<b>74.038.333</b>	<b>60.349.593</b>





# Georeferencing

- **Georeferencing, satellite imagery** and **public information** about farms in terms of embargoes or any infringement to regulation.
- Certified material ensures companies that they are acquiring products that come from deforestation-free areas.



Audits on Industrial processor	Prior to Audits on Farms	Onsite Audits on Farms
Amazon Soy Moratorium verification	History of the region, risk verification	Interviews with workers
Database of growers with information (where existent)	Existence of Indigenous land, HCV near or around the farm location	Visual verification of fields and vegetation
Georeferenced reports on suppliers' farms	Existence of national heritage parks near farm location	Document of property of land
		CAR and geocoordinates of farm

# Supporting information

Indicator	Source
Recent deforestation 2008-2018	Satellite   Prodes   INPE
Indigenous lands	FUNAI
Conservation areas   integral   sustainable use	Ministry of Environment
Quilombolas (lands of African Brazilians)	INCRA
Settlements (peasants, agrarian reform)	INCRA
Shape of embargoes area on map	ICMBIO
Federal environmental embargo (shape on map)	IBAMA
Federal environmental embargo (list)	IBAMA
State environmental embargo (shape on map)	Environment State Agencies
State environmental embargo (list)	Environment State Agencies
Analogous to slave labor (dirty list)	Ministry of Labor, independent publications



# Good examples



- Working Group:  
**“Aquaculture dialogue  
on sustainable soy  
sourcing from Brazil”**

# Outcome



- Sustainable sourcing code
- Carbon Footprint Calculations (LUC project)
- Updated Traceability Certificates of Compliance (TCCs) - information of the origination



# Collaboration is crucial to success

- Agricultural practices can be improved
- Feasible, realistic and focused solutions are needed
- Collaboration, strategic alliance and continuous engagement are essential to move the sustainable agenda forward
- It is all about trust



**THANK YOU**  
**FOR YOUR ATTENTION!**