Leather Learning Series: Part Two
Leather's Connection to the Farm

Tuesday, June 23rd, 2020

Speakers

Anne Gillespie, Director of Impact Acceleration, *Textile Exchange*

Pablo Borrelli, Co-founder of *Ovis 21*, EOV Program Manager at *Savory Institute*

Charton Jahn Locks, Associate Founder and CEO, *Aliança da Terra*

Mariano Salerno, Director, Sustainable Products Development, *ACDI*

Kaley Segboer, Certification Framework Manager, *CRSB*

Leather Impact Accelerator (LIA)

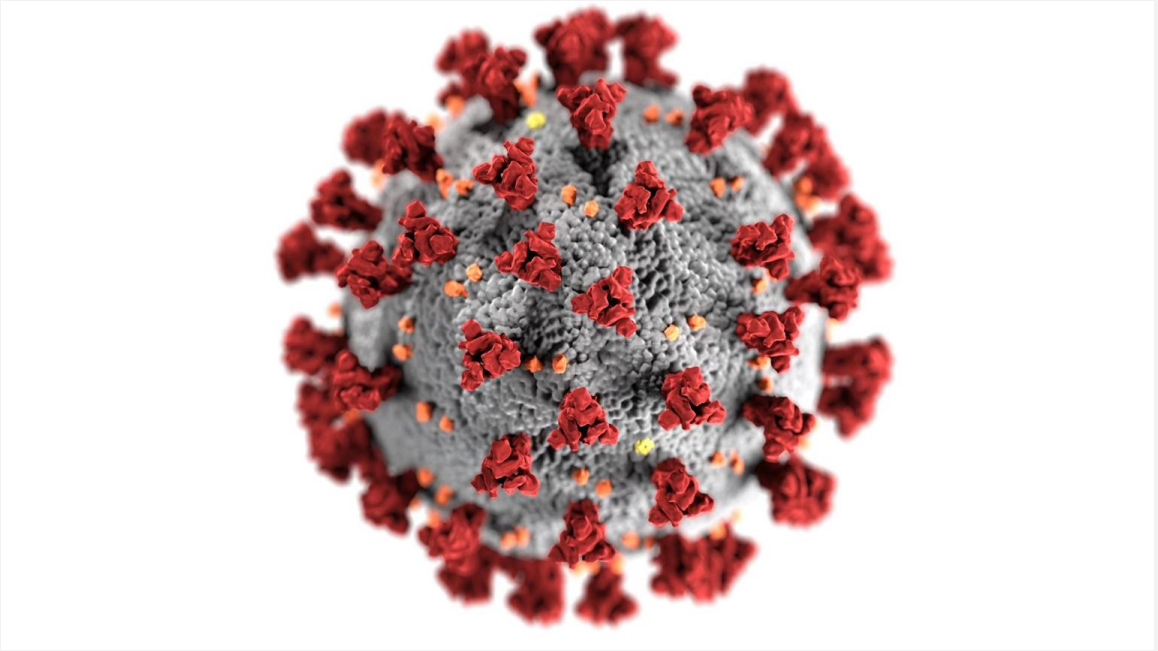
DCF Protocol	Animal Welfare Benchmark	Leather Production Benchmarks	Impact Incentives	Claims Framework	Traceability Guidelines

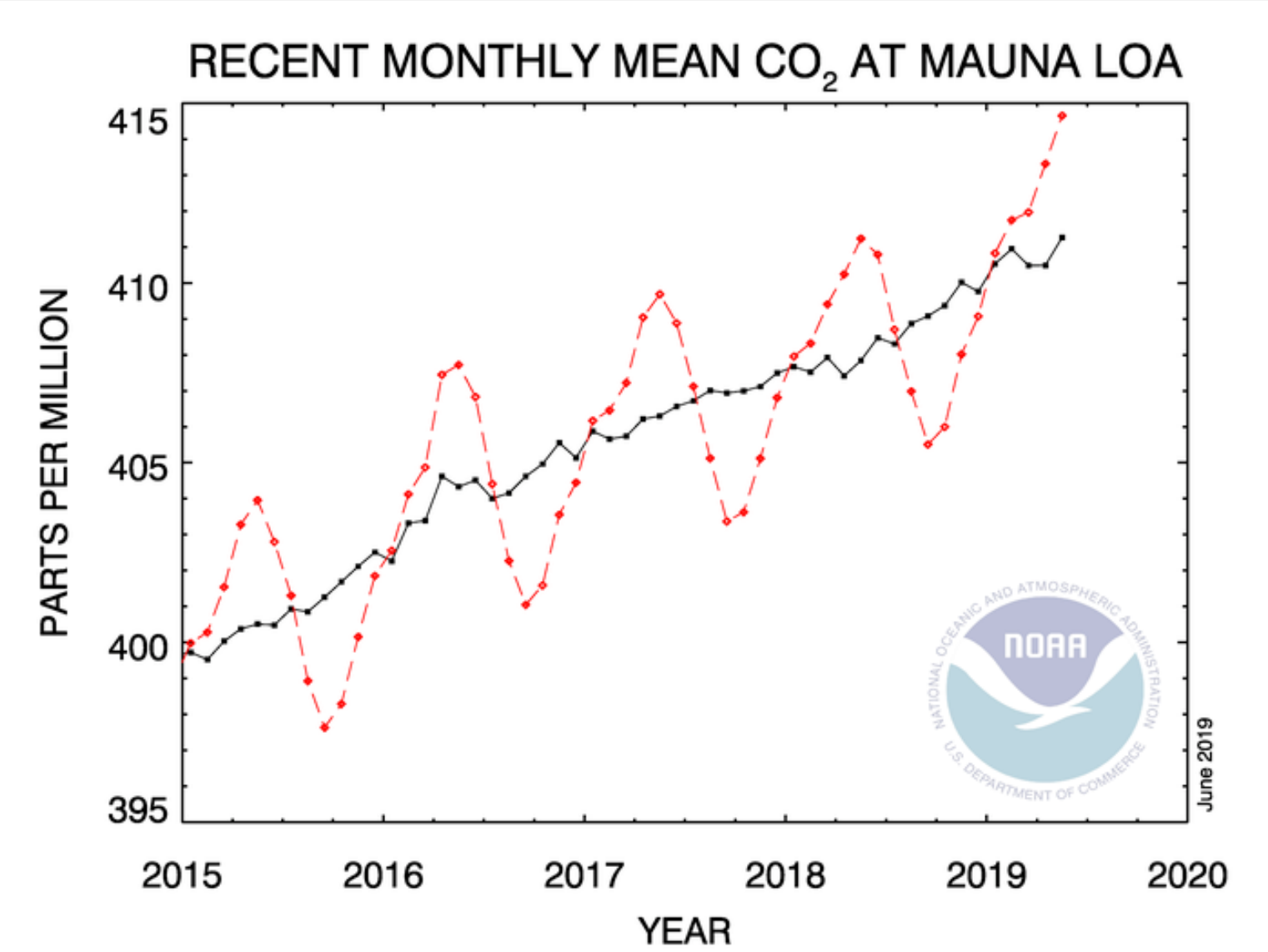
The primary goal of the Leather Impact Accelerator is to **accelerate positive impacts** in the leather industry through **widescale adoption** of minimum level of best practices.

Regenerative Livestock Farming

Pablo Borrelli, Co-founder of *Ovis 21*, EOV Program Manager at *Savory Institute*
pborrelli@ovis21.com

CORONAVIRUS:
a rehearsal of a global emergency

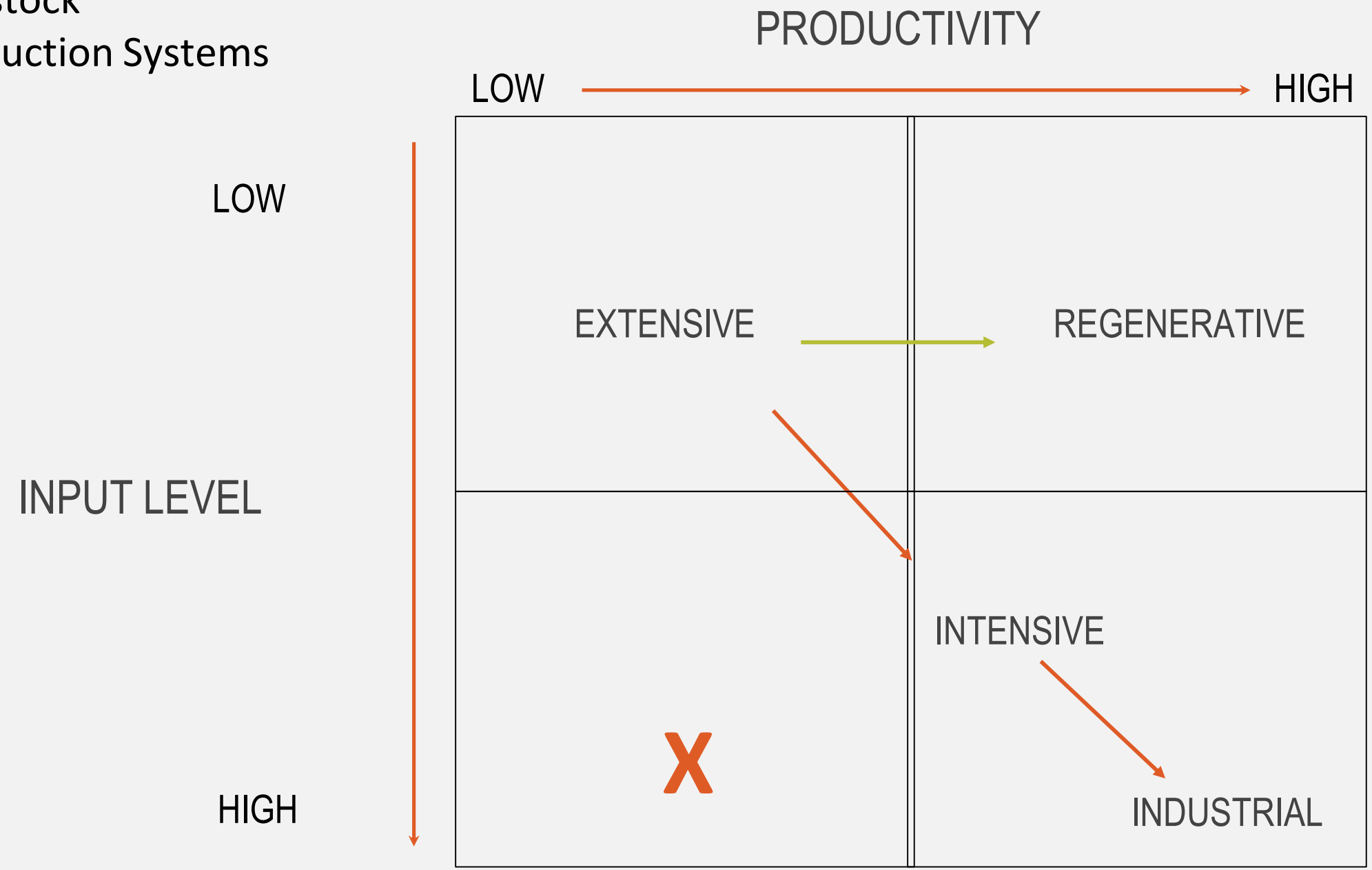




34 ppm to disruption point (+2 degrees)

13,6 years at current rate

Livestock
Production Systems



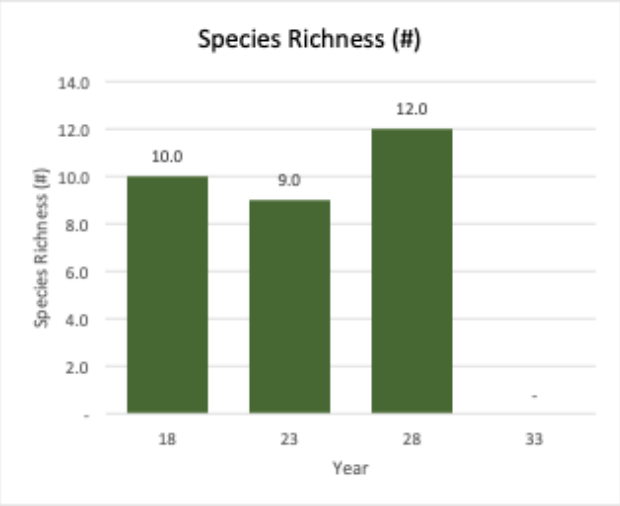
Regeneration Principles

- From reductionist management to holistic management.
- Promote perennial species, native or exotic, with the greatest biodiversity (in a wide sense)
- Promote natural soil fertility through fungal, biologically active soils.
- Incorporate/keep trees in the landscape (silvopastoral systems)
- Maximize photosynthesis, with ample carbon pulses

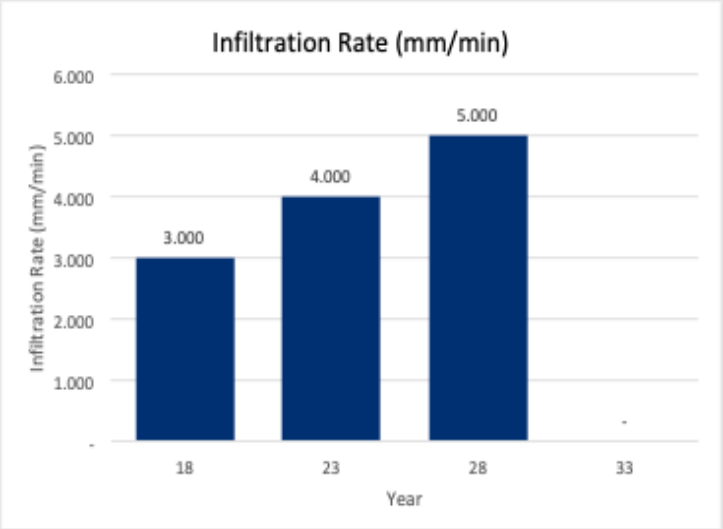
Regeneration Indicators

- ✔ Increase/maintenance of soil cover (perennial vegetation)
- ✔ Increase in water infiltration and retention
- ✔ Increase in biodiversity (soil, vegetation and wildlife)
- ✔ Increase in photosynthesis (primary production)
- ✔ Increase in soil carbon

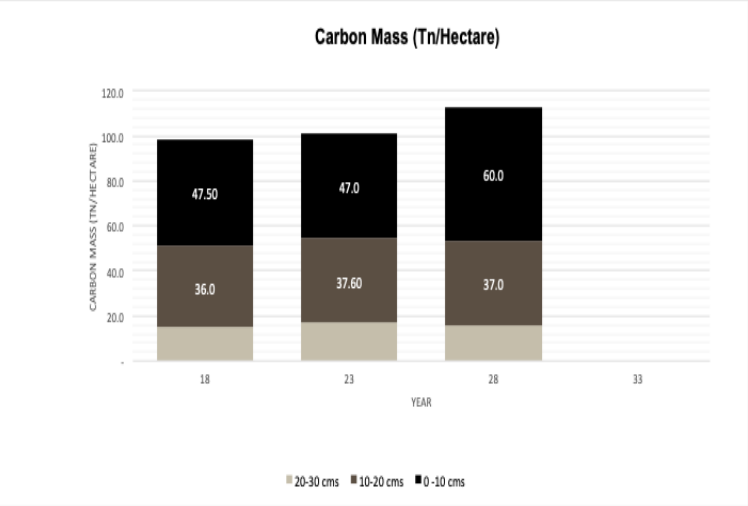
Measuring Regeneration



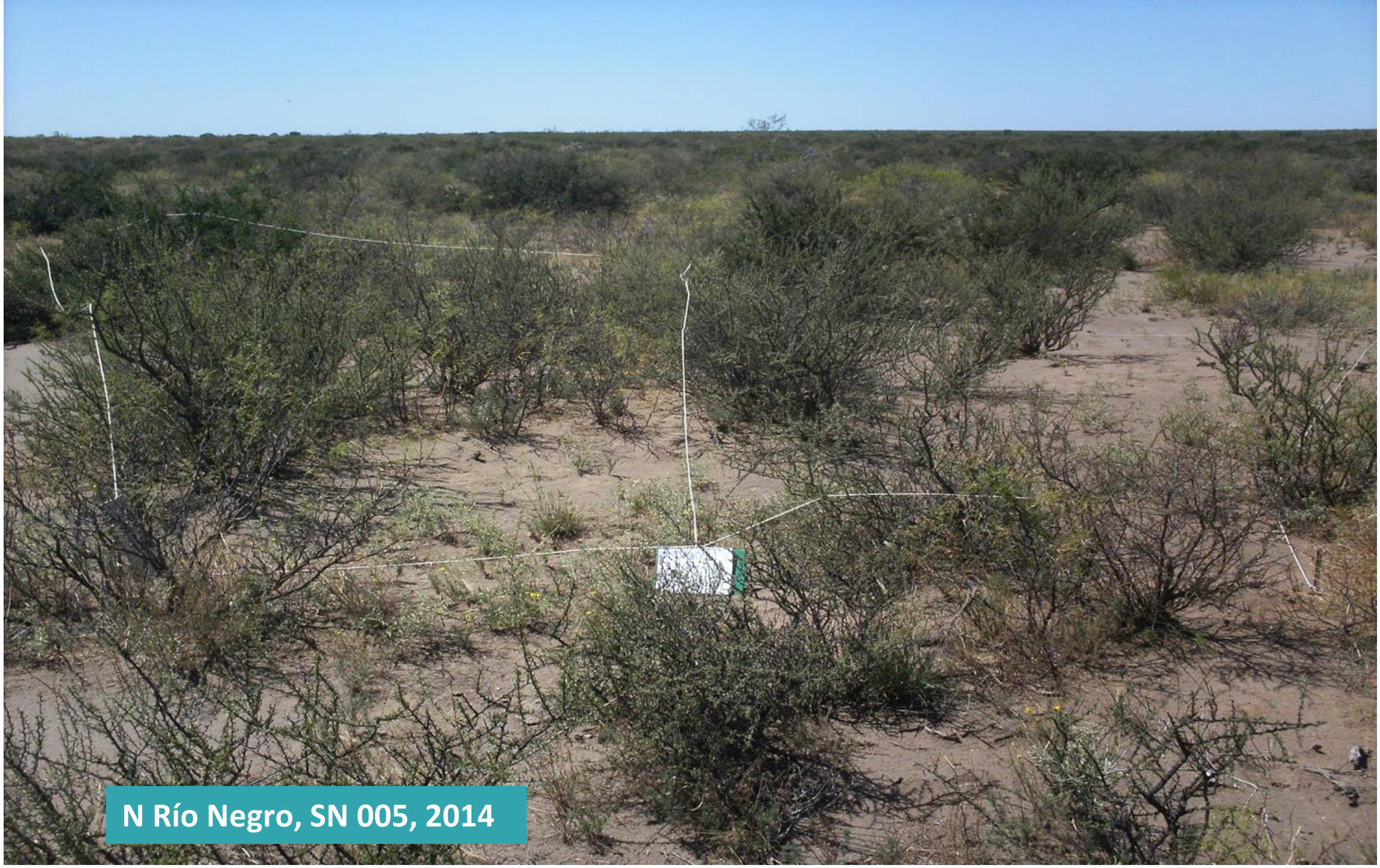
Biodiversity



Water



Soil Carbon

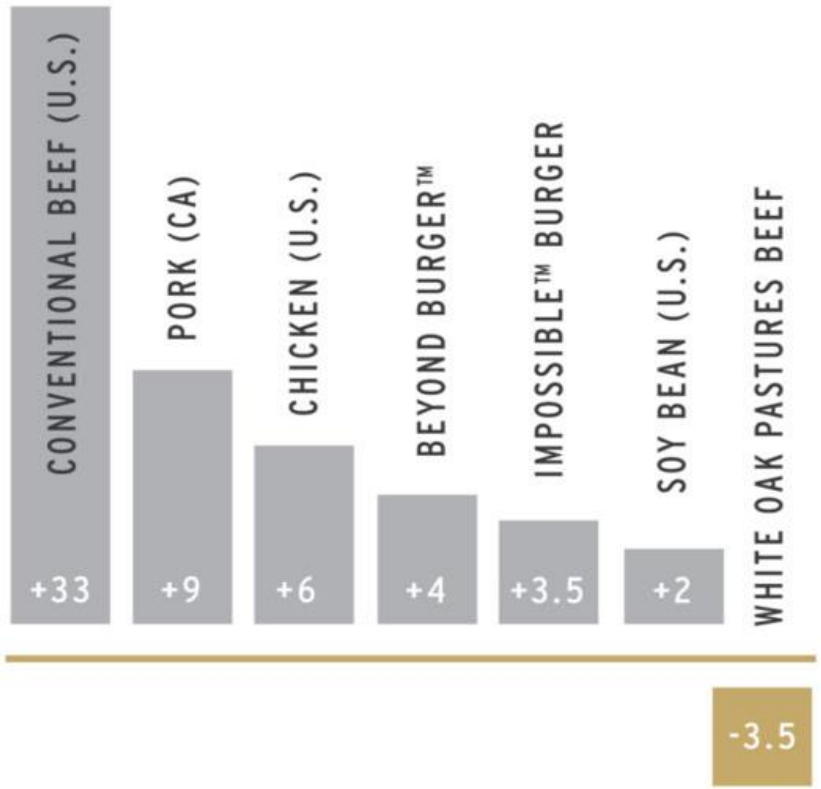


N Río Negro, SN 005, 2014

NET TOTAL EMISSIONS

WHITE OAK PASTURES *VS* OTHER PROTEINS

(PER POUND OF PRODUCT)



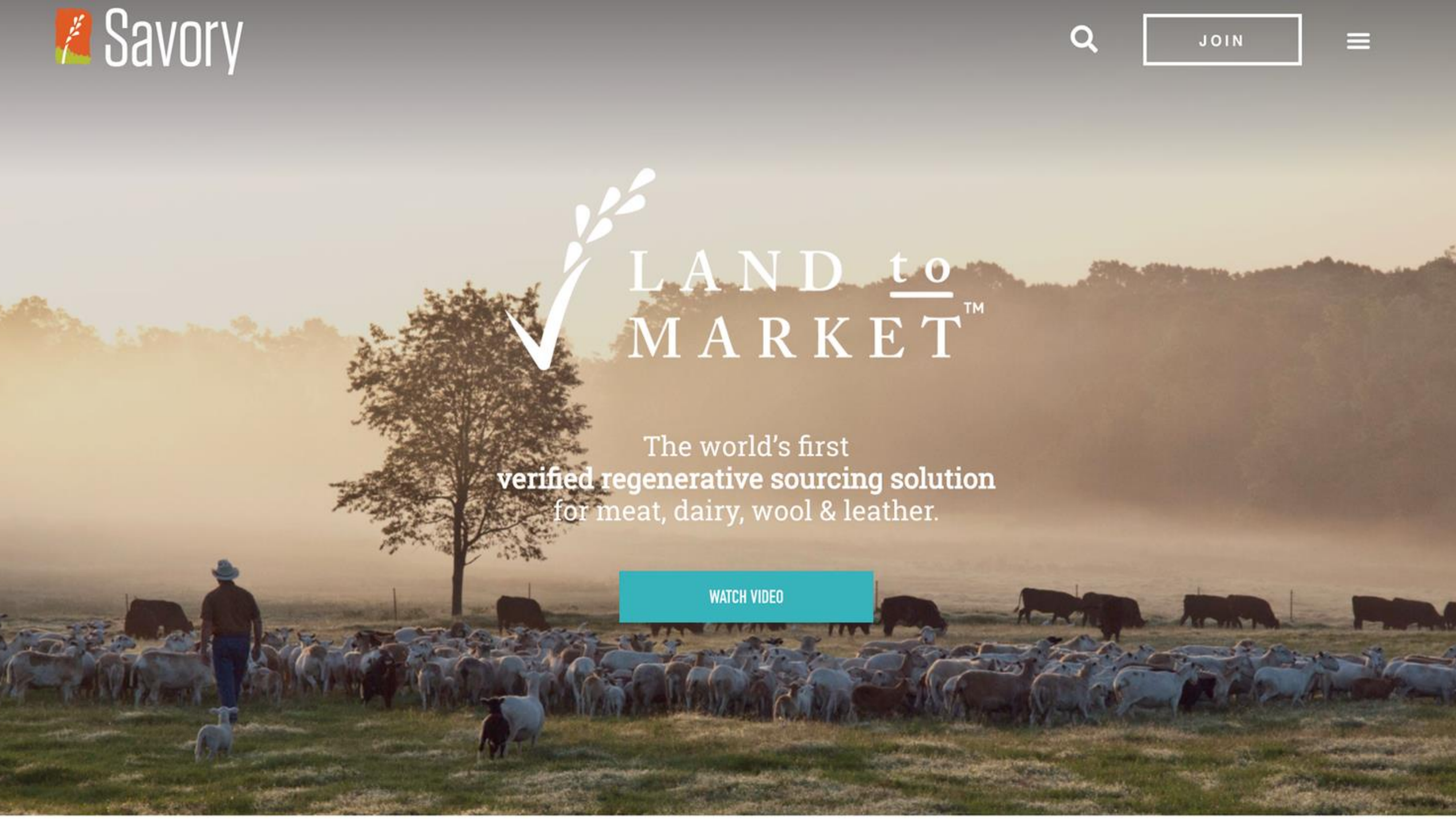
Quantis, Carbon Footprint Evaluation of Regenerative Grazing at White Oak Pastures,www.quantis-intl.com

WHITE OAK PASTURES BEEF SEQUESTERS MORE CARBON THAN IT EMITS

Emissions breakdown for every pound of White Oak Pasture's beef produced:

(POUNDS OF CO2 EQUIVALENT)

Quantis, Carbon Footprint Evaluation of Regenerative Grazing at White Oak Pastures,www.quantis-intl.com


Savory
JOIN
LAND to MARKET™
The world's first
verified regenerative sourcing solution
for meat, dairy, wool & leather.
WATCH VIDEO


ECOLOGICAL
LAND TO MARKET
VERIFIED™
2018
OUTCOME
RESPONSIBLE WOOL STANDARD
R·W·S
CERTIFIED

LEATHER LEARNING SERIES PART TWO:

LEATHER'S CONNECTION TO THE FARM

CHARTON JAHN LOCKS COO
ALIANÇA DA TERRA S/A

INSIGHT INTO THE REALITIES OF PRODUCING CATTLE IN BRAZIL

2nd LARGEST HERD

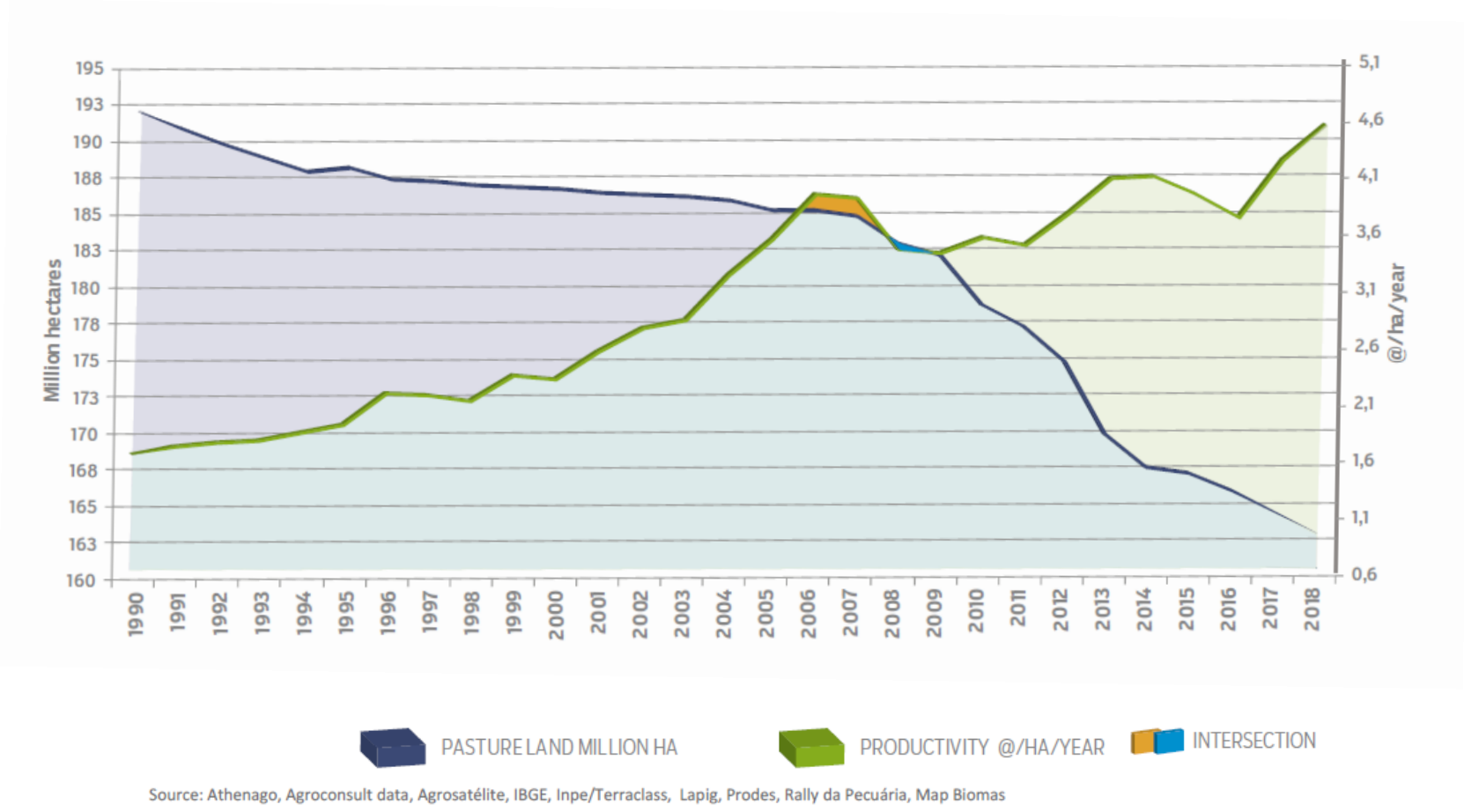
216.1 MILLION HEAD

3rd BEEF PRODUCER

15,3% OF GLOBAL PRODUCTION

8,7% OF BRAZILIAN GDP

R$ 597.22 bn



Source: Athenago, Agroconsult data, Agrosatélite, IBGE, Inpe/Terraclass, Lapig, Prodes, Rally da Pecuária, Map Biomas

SUSTAINABILITY

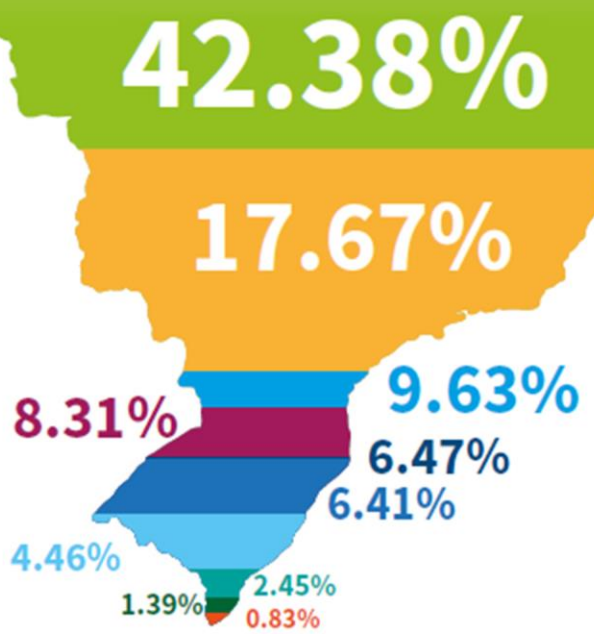
Land use in Brazil

DISTRIBUTION OF AREAS IN BRAZIL ACCORDING TO OFFICIAL SOURCES OF MONITORING ON THE USE OF LAND AND PRODUCTION STATISTICS

Types of occupancy	Million ha	Share
Native vegetation	360.9	42.38%
Permanent preservation area	55.1	6.47%
Native vegetation fit for agriculture outside the Amazon biome	82.0	9.63%
Legal reservation area	54.6	6.41%
Recovering area (since 2003)	20.9	2.45%
Exclusive pasture land	150.5	17.67%
Integrated use pasture land	11.8	1.39%
Perennial, semi-perennial and annual agriculture	70.8	8.31%
Reforestation	7.1	0.83%
Urban centers, water bodies, roads, mangrove and other uses	38.0	4.46%
Total area in the country	**851.577**	**100.00%**

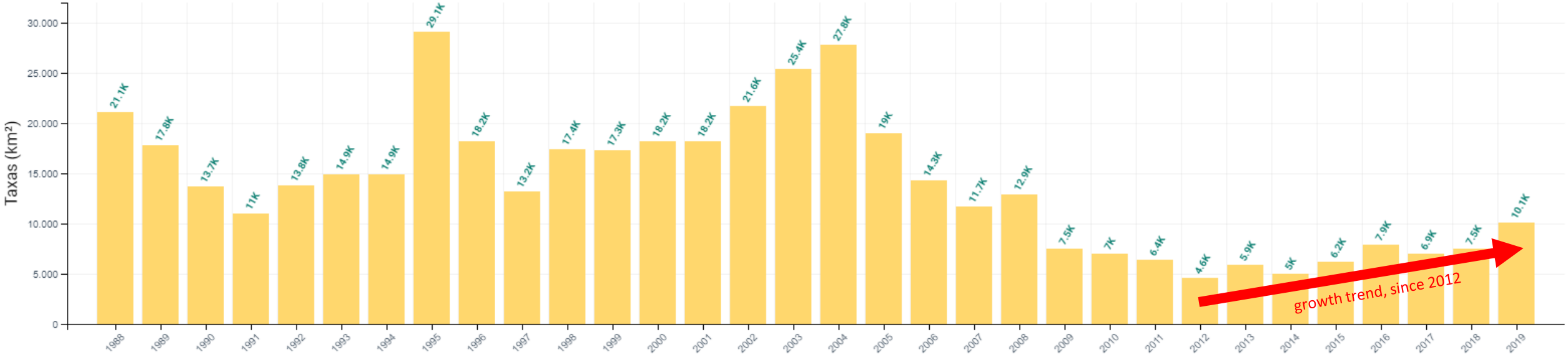
MORE THAN 65%

LESS THAN 20%



Source: Athenago, Agroconsult data, Agrosatélite, IBGE, Terraclas/Inpe, MAPA, Map Biomas, Lapig, Embrapa, Rally da Pecuária

LEGAL AMAZON DEFORESTATION



Source: INPE, 2020

IF 100% OF ALL THE DEFORESTATION AREA REGISTERED BETWEEN 2012 AND 2019 BECOME PASTURE (WHICH IS NOT), IT REPRESENTS AN INCREASE OF 3.32% OF PASTURELAND IN BRAZIL

WOULD IT BE CORRECT TO PENALIZE THE REST OF THE SECTOR (96.64%) BECAUSE OF THIS?

WHAT ARE THE GREATEST CHALLENGES PRODUCERS FACE?

REPUTATIONAL

PROBLEMS

MARKET

CONCENTRATION

BRAZILIAN

COST

LAND INVASION

LACK OF GOVERNANCE

LACK OF INFRASTRUCTURE

FIRES

WHAT IS THE LIFE OF A PRODUCER? WHAT ARE THE RANGE OF ACTIVITIES THEY DO WITHIN A DAY, A YEAR?

WHAT ARE THE UNIQUE ASPECTS OF FARMING IN BRAZIL?

CASE

SPANISH BREEDS

DESCRIPTION

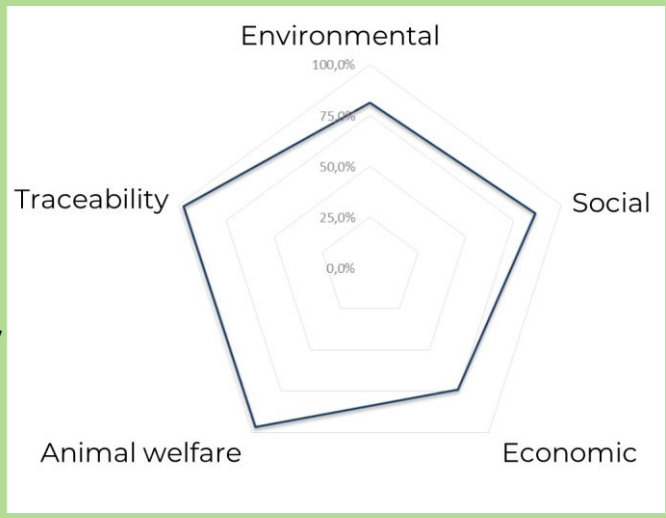
- 43 ranches verified
- 552k hectares under sustainable management
- 198k hectares preserved
- 167k cows (~80k heads slaughter/year)
- Genetic control
- 25,7 millions tons of forest carbon stock

SOME RESULTS

- 0 (zero) fires in 2019
- 0 (zero) deforestation in 2019
- 1.197 people working in safety and health conditions

NECESSITIES

- Technical assistance
- US$ 2,8 million to full adequacy



Produzindo Certo

GMG
MAIS SAÚDE PARA SUA FAMÍLIA
DESDE 2000

Produzindo
Certo

MAIS VALOR PARA O
AGRONEGÓCIO RESPONSÁVEL

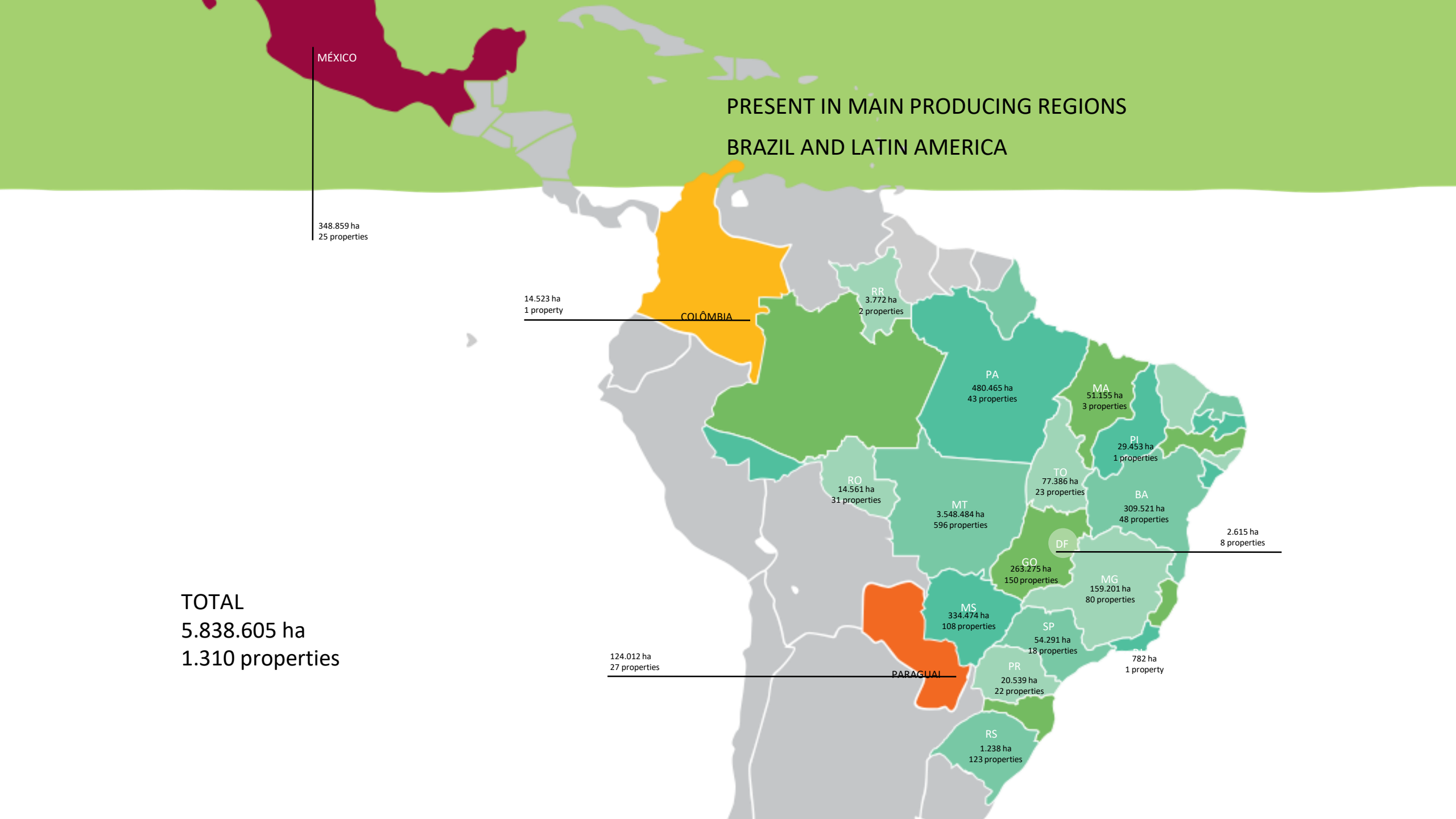
YOUNG COMPANY,
BUT WITH HUGE HISTORY AND RESULTS

Produzindo Certo has in its DNA the trajectory of the NGO Aliança da Terra, created in 2004. In all these years, we have developed, hand in hand with the farmer and the rancher, an exclusive methodology that identifies the actions necessary for rural properties to produce in balance with people and the environment.

PRODUZINDO CERTO TRANSFORMS AGRIBUSINESS CHAINS, BRINGING TOGETHER PRODUCERS AND COMPANIES COMMITTED TO THE CORRECT MANAGEMENT OF NATURAL RESOURCES AND RESPECT FOR SOCIETY

PRESENT IN MAIN PRODUCING REGIONS

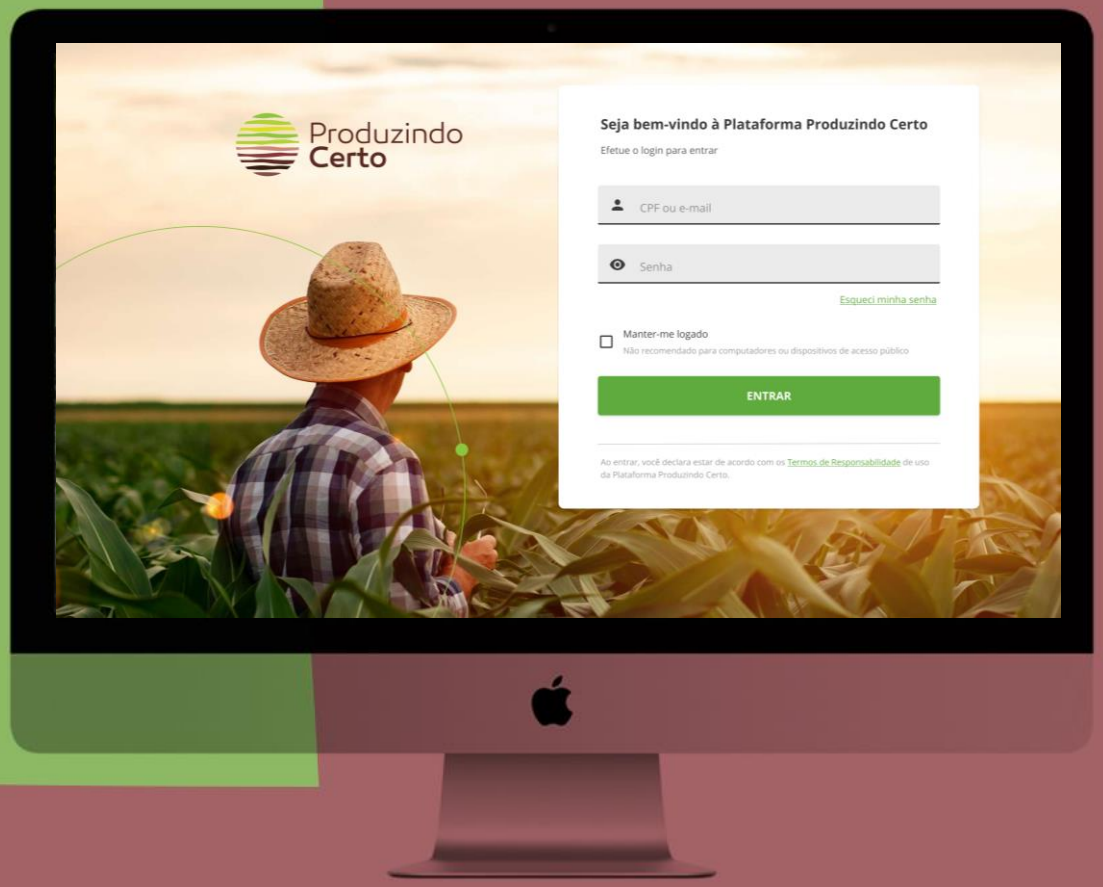
BRAZIL AND LATIN AMERICA



TOTAL
5.838.605 ha
1.310 properties

TRANSPARENCY 24 HOURS, ANYWHERE

All the information about your project can be followed online through a customized dashboard, accessed on your computer or smartphone from anywhere in the world.



The Produzindo Certo team is made up of specialists in several areas, but all with a focus on seeking a balance between production and management of natural and human resources.

They are agronomists, forestry and environmental engineers, veterinarians and zootechnicians. They form multidisciplinary teams to analyze and propose actions to farmers and ranchers.

The group gains reinforcements from specialized professionals according to the demand for projects that require more professionals and new qualifications.

Idealizador
John Carter

Leadership
Aline Locks - CEO
Charton Locks - COO
Jack Turner - CFO

Technical team
Cristhiane Simioli
Maria Zelma Gomes
Monaliza Muhl
Fábio Almeida
Willian Campos
Jaime Dias
Jaila Raiane de Souza
Luiza Turcatoo

Comercial
Diego Pedr'Angelo

Administrative
Ciena Sousa

Financial
Jaline Mendes

Technology
Marcos Vinícius

Leather's Connection to the Farm

Experience of ACDI with Livestock producers

Mariano Salerno and Máximo Marani

ACDI

¿Who we are? ¿What we do?

Previous Experience with livestock producer

- PROGAN
- Grassland management

"The future is in the forest" Gran Chaco

- Ecosystem Business model
- Transversal solution

ACDI

ONG founded in 90´s

Core Mission: Development of people

Design and execution of projects

Scope

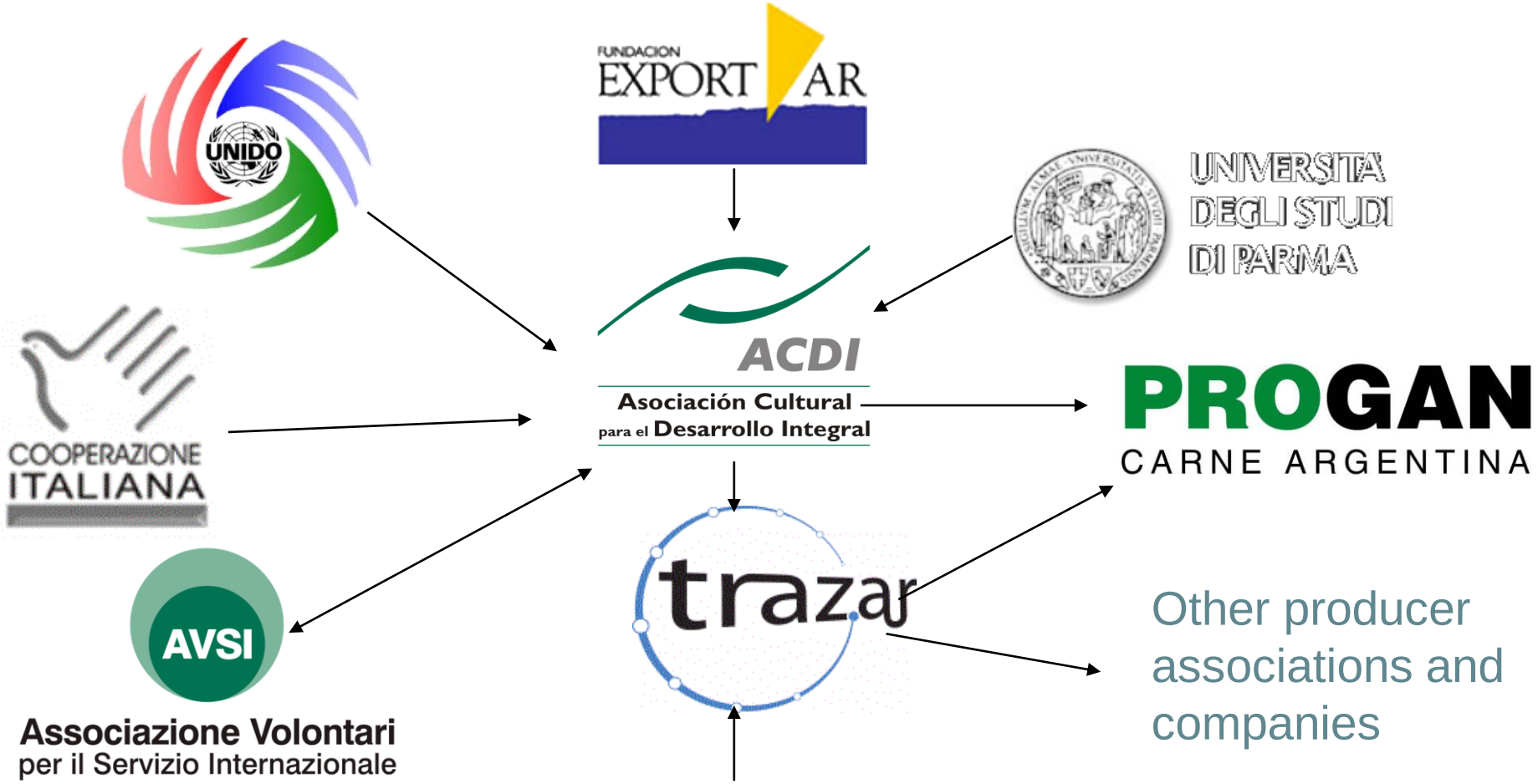
- **Environment**
- **Education**
- **Employment**

PROGAN

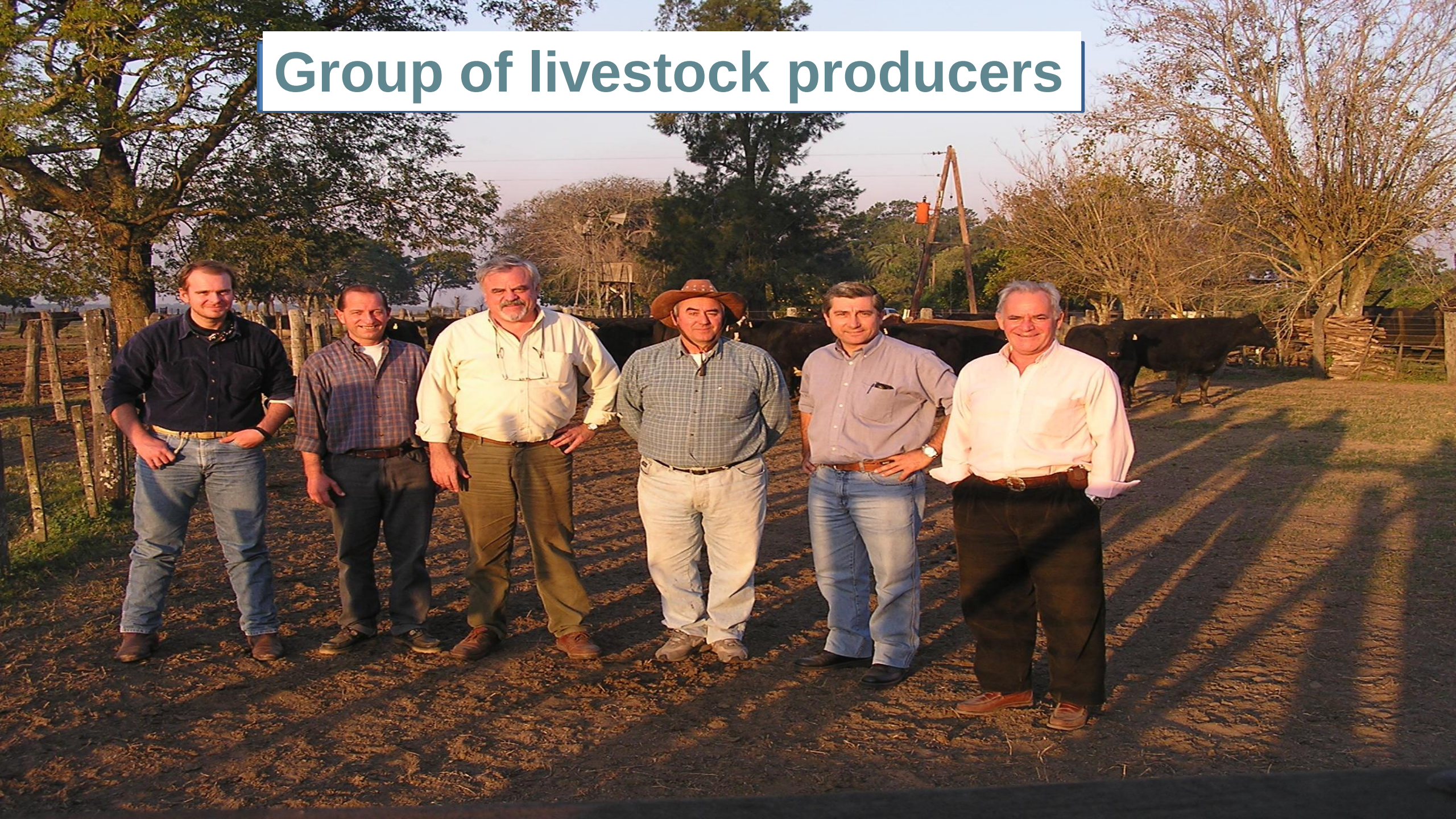
- Add value
- Quality Standardization
- Traceability
- Association to export directly
- Alliances with slaughter importers
- Access to credit

PROGAN
CARNE ARGENTINA

Partners


UNIDO
FUNDACION EXPORT AR
UNIVERSITA DEGLI STUDI DI PARMA
ACDI
Asociación Cultural para el Desarrollo Integral
COOPERAZIONE ITALIANA
PROGAN
CARNE ARGENTINA
AVSI
Associazione Volontari per il Servizio Internazionale
trazar
Other producer associations and companies
Inter-American Development Bank

Group of livestock producers



“Grassland management for livestock production”

Grassland livestock benefits

Based on native ecosystem

Wildlife conservation (birds)

Each farm is a natural reserve of biodiversity

Standard developed

Gran Chaco Challenges

- 3rd largest forest in Latin America
- Largest dry forest in the world
- Cultural diversity presence of 40 indigenous and traditional communities
- 8% of total population is indigenous: Wichí, Chané, Qom, Iyojwa'ja (Chorote), Tapu'i (Tapieté)
- Deforestation and forest degradation
- Climate change emergency and lack of water access threaten the survival of these ecosystems and increase poverty, and
- Vulnerable population

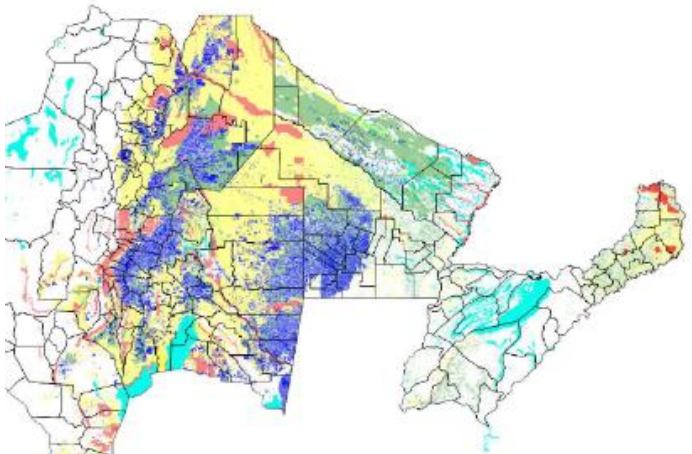
Source: WWF Living Forest Report Chapter 5

Deforestation fronts (WWF 2015)

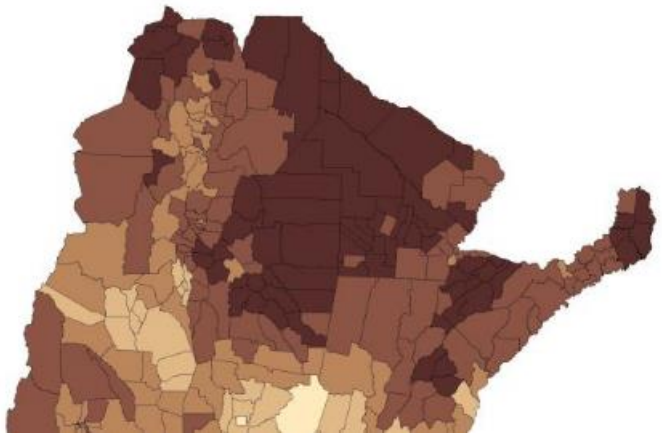
Gran Chaco Challenges for livestock producers

- Native forest is the main natural capital
- Lack of water supply
- Isolated communities
- Poverty
- Production of 270 thousand kilos of meat yearly
- Indigenous communities are dedicated to family farming, harvesting, fishing and hunting using all available resources from native forests

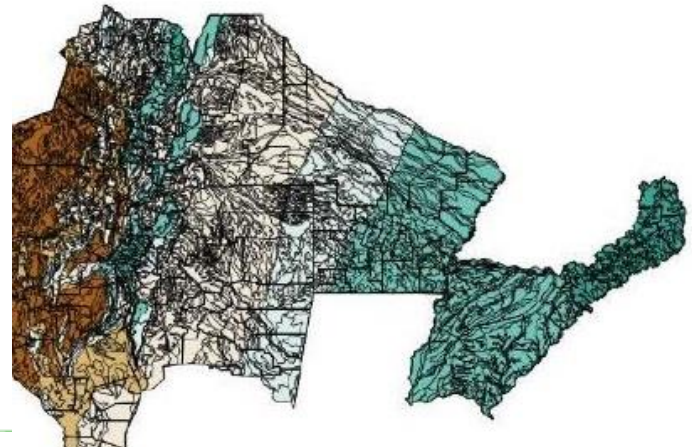
Forests



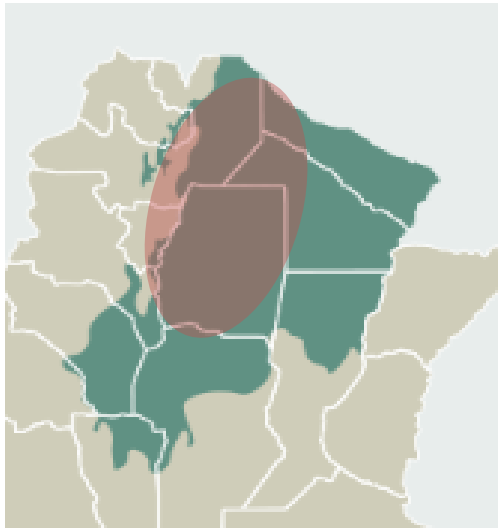
Poverty



Aridity



THE FUTURE IS IN THE FOREST



is a movement that promotes business models to stimulate competitive and sustainable development by enhancing the value of natural and cultural capital, combining innovation with traditional knowledge.
4600 people involved in *The future is in the forest*.

Redes Chaco · Gran Chaco · Avina · Potenciar Comunidades · acdi · BID LAB · CAF · SGP · Samsung · FBNA · Unilever · Argentina.gob.ar Presidencia de la Nación · Gobierno de Tucumán · Santiago · Chaco · Gobierno de Jujuy

Solution

Business based on ecosystems

Livestock FARM

Forest - Wood

Non-Wood and Beekeeping

Agroforestry

Cultural Identity

Business based on ecosystems

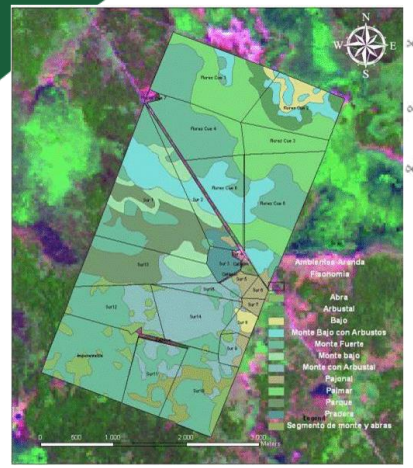
Water

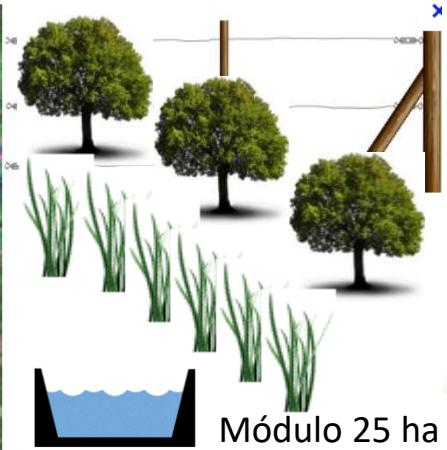
Connectivity

Credit

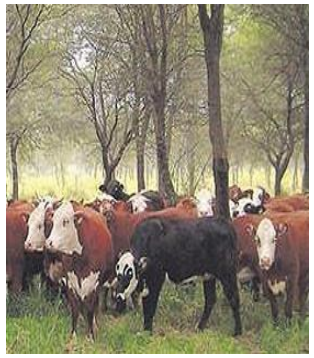
Sustainable Production Development

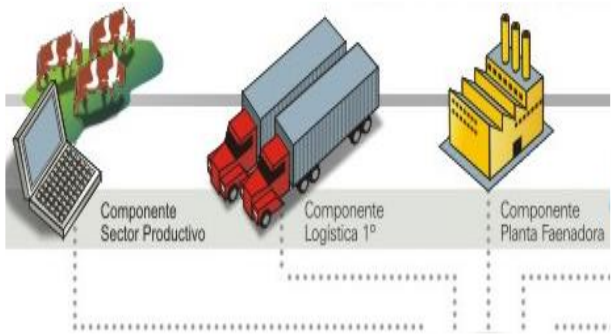
THE FUTURE IS IN THE FOREST

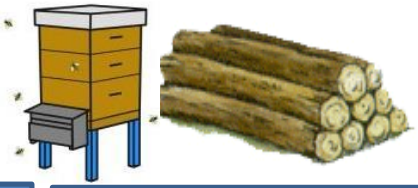




Módulo 25 ha







Planning	Infrastructure	Production	Management and organization
Land and property planning.	Fences, electric fences, re forestation with native species, pasture, water	Livestock, beekeeping, forest production, carob	ICTs for management, associative marketing, integration of the value chain, valorization of local production

Integration of forest and livestock management

Training

acdi

Infrastructure

Biodiversity

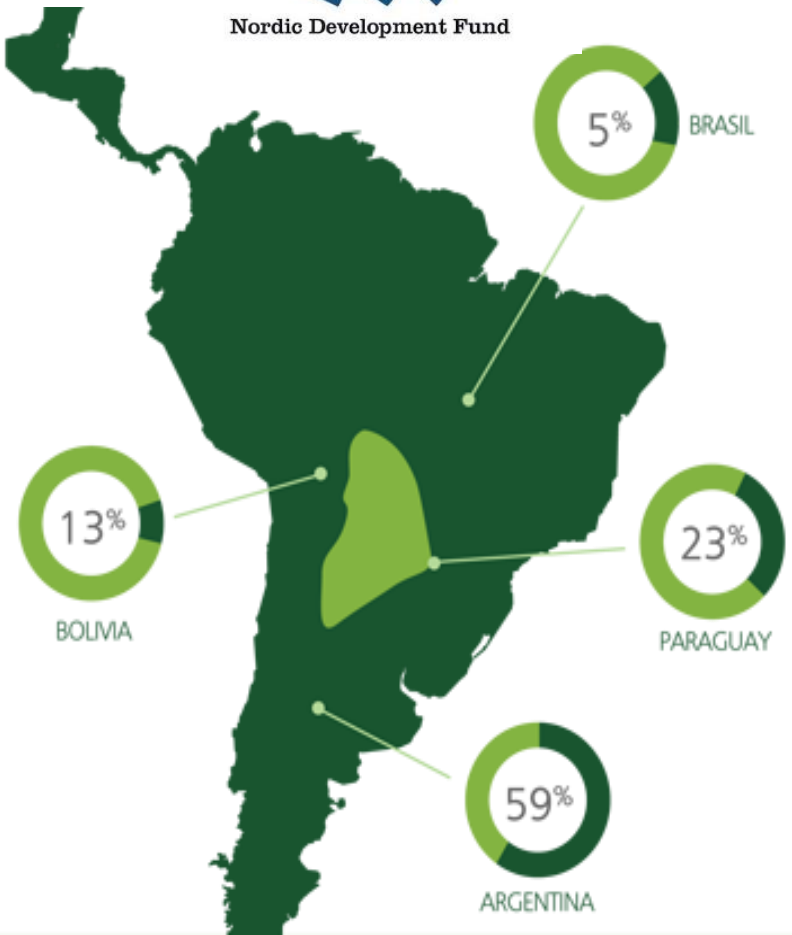
Gran Chaco Nanum Village is a partnership with Samsung Argentina. 20 technology centers were built to provide internet connectivity for local indigenous communities. This promotes economic and productive development

Fundación Avina

FOMIN
Multilateral Investment Fund
Member of the IDB Group

NDF
Nordic Development Fund

Gran Chaco Proadapt
Construyendo Resiliencia Climática



Generation of a trinational alliance

OSC, private sector, Local and national governments, the Science and Technology system, development investment to contribute to the adaptive capacity and greater resilience of the Gran Chaco against impacts derived from climate change and climate variability

Access to water

THE FUTURE IS IN THE FOREST

Changes that matter

Thanks

Mariano Salerno

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Rivadavia 2681, Santa Fe www.acdi.org.ar

@ACDIargentina

CRSB
Canadian Roundtable for Sustainable Beef

TEXTILE EXCHANGE
June 23, 2020

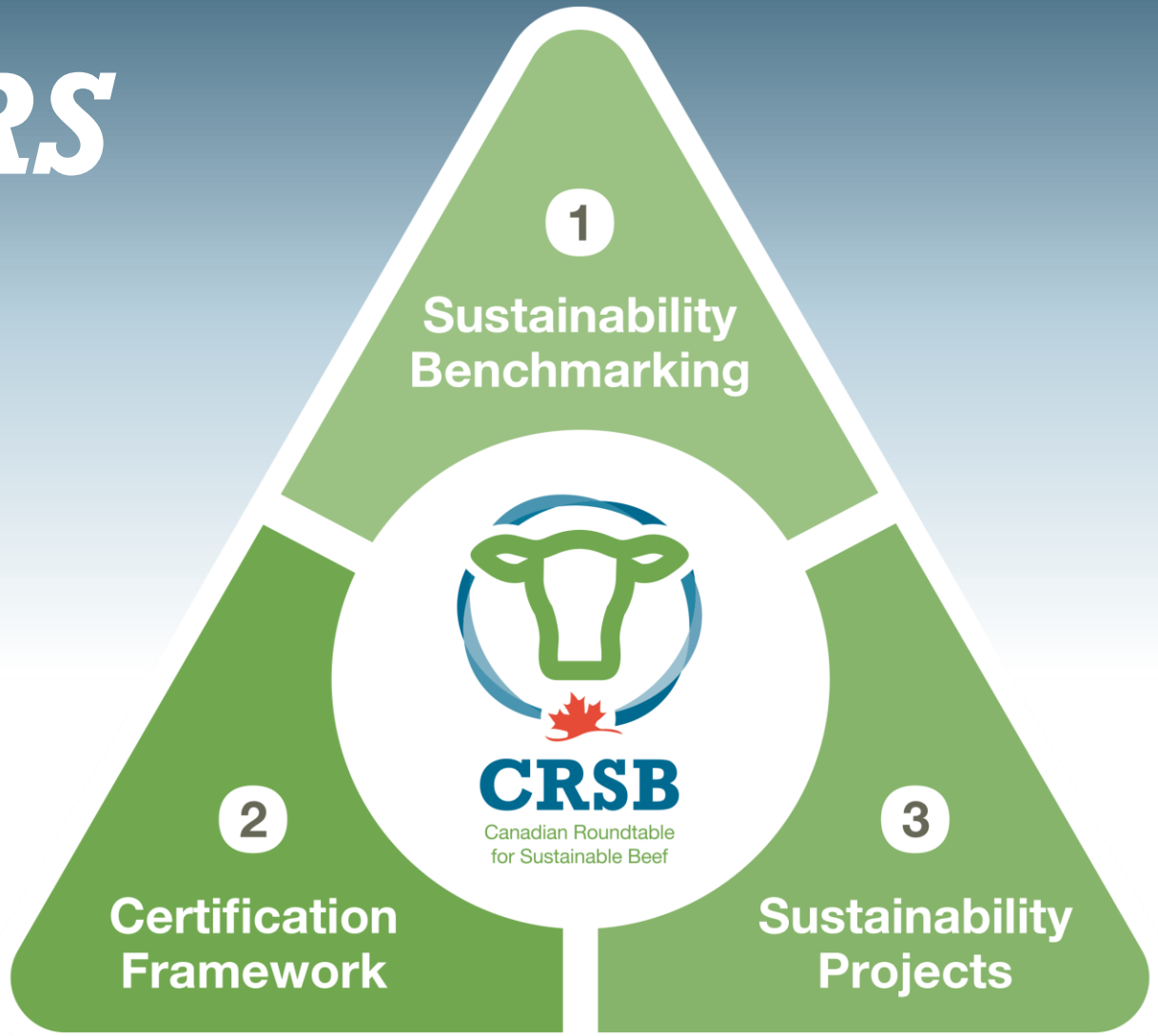
Kaley Segboer,
Certification Framework Manager

MISSION

Advance continuous improvement of Canadian beef industry sustainability through multi-stakeholder engagement, collaboration, communication and science.


Kuberts
CFA Canadian Federation of Agriculture
FCA Fédération canadienne de l'agriculture
TRUST BIX
GrowSafe Systems
CACTUS CLUB CAFE
Since 1978 Certified Angus Beef Brand
Lakeland College Leading. Learning. Since 1913.
Walmart
Les Producteurs de bovins du Québec
ADfarm
Alltech
Conseil de l'orge du Canada
Barley Council of Canada
MOXIE'S GRILL BAR
Cargill
IdentiGEN
Sobeys
A&W
SCA Saskatchewan Cattlemen's Association
zoetis
Alberta Conservation Association Conserving Alberta's Wild Side
Ducks Unlimited Canada
Elanco
Canadian Angus
Boehringer Ingelheim
National Cattle Feeders' Association Association Nationale des Engraisseurs de Bovins
RBC Royal Bank
Where Food Comes From Source Verified
BCRC Beef Cattle Research Council
CABV ACVB Canadian Association of Bovine Veterinarians Association Canadienne des Vétérinaires Bovins
metro
Alberta Beef Producers Since 1969
CMC Canadian Meat Council Conseil des viandes du Canada
ARTISAN FARMS Local Meats
Ontario Corn Fed Beef
Viresco Solutions End-to-end sustainability
AMCP Community Pastures
Canadian Pork Council Conseil canadien du porc
Farm Credit Canada
BCCA British Columbia Cattlemen's Association
Dairy Farmers of Canada Les Producteurs laitiers du Canada
Nature Conservancy of Canada Conservation de la nature Canada
Loblaw Companies Limited
Centennial Foodservice
CCA Canadian Cattlemen's Association National Voice Of Cattle Producers
Canadian Cattle Identification Agency
RECIPE Est. 1883
Manitoba Habitat Heritage Corporation
National Farm Animal Care Council
Cows and Fish
Retail Ready Foods Inc.
Foothills Forage and Grazing Association
Shark Club sports bar grill
COSTCO WHOLESALE
Olds College Technology Access Centre for Livestock Production
Beef Farmers of Ontario
WWF
Manitoba Beef Producers
chop Steakhouse Bar
Tim Hortons
Simmental Canadian Simmental Association
cleanfarms
JBS Canada
University of Saskatchewan Livestock and Forage Centre of Excellence LFCE.USASK.CA
ATB
ARECA Agricultural Research and Extension Council of Alberta
Canada Beef
Bird Studies Canada Études d'oiseaux Canada
earls Kitchen + Bar
Hello Fresh
West-Central Forage Association

THREE PILLARS OF WORK



Mission

Advance continuous improvement of Canadian beef industry sustainability through multi-stakeholder engagement, collaboration, communication and science.

Definition of SUSTAINABLE BEEF:

a socially responsible, environmentally sound and economically viable product that prioritizes the **Planet, People**, **Animals** & **Progress**

PRINCIPLES

Key Components of the Framework

1. The Standards:

- Sustainable Beef Production Standard
- Sustainable Beef Processing Standard

2. Assurance Protocols

- Guidance and requirements for the certification process

3. Chain of Custody Requirements

- Technical and administrative requirements for tracking cattle, beef and claims about beef sourced from Certified Operations through the supply chain

4. Sustainability Claims

- Guidance on how to communicate about the Framework, sustainable sourcing and CRSB's initiatives

Two Standards

1. Sustainable Beef Production Standard
   - Cow-calf, backgrounding, feedlot, dairy beef
2. Sustainable Beef Processing Standard
   - Primary processors

CERTIFICATION PROCESS

INFORM → ENGAGE → AUDIT & CERTIFY → MAINTAIN → IMPROVE

Indicator Assessment

Entry Threshold (Score: 0)	Achievement (Score: 1)	Innovation (Score: 2)	Excellence (Score: 3)

Entry Threshold: needs improvement prior to successful certification

Achievement: required for certification on all indicators

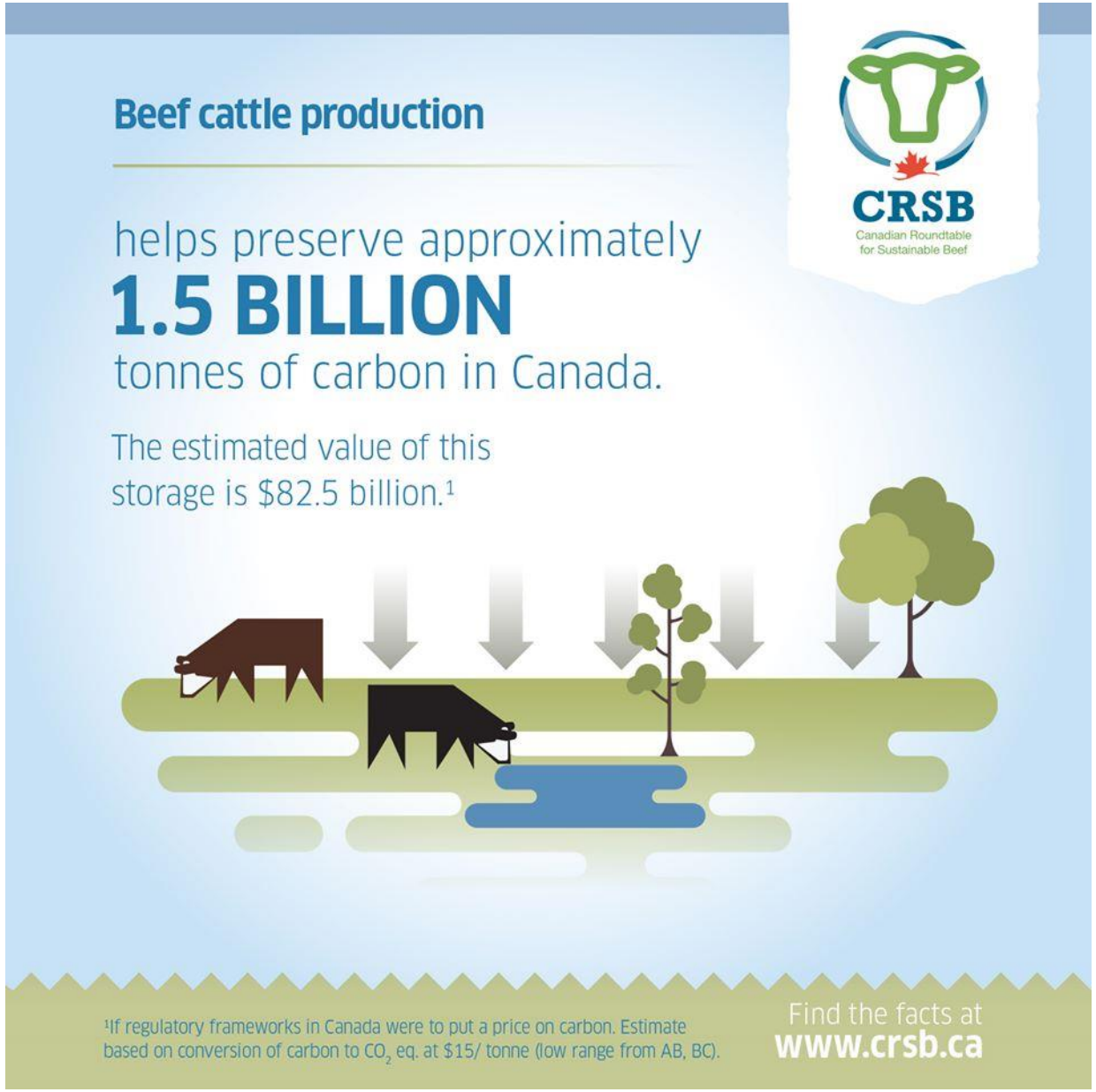
Innovation and Excellence: not required for certification, used to help advance and recognize continuous improvement

Natural Resources

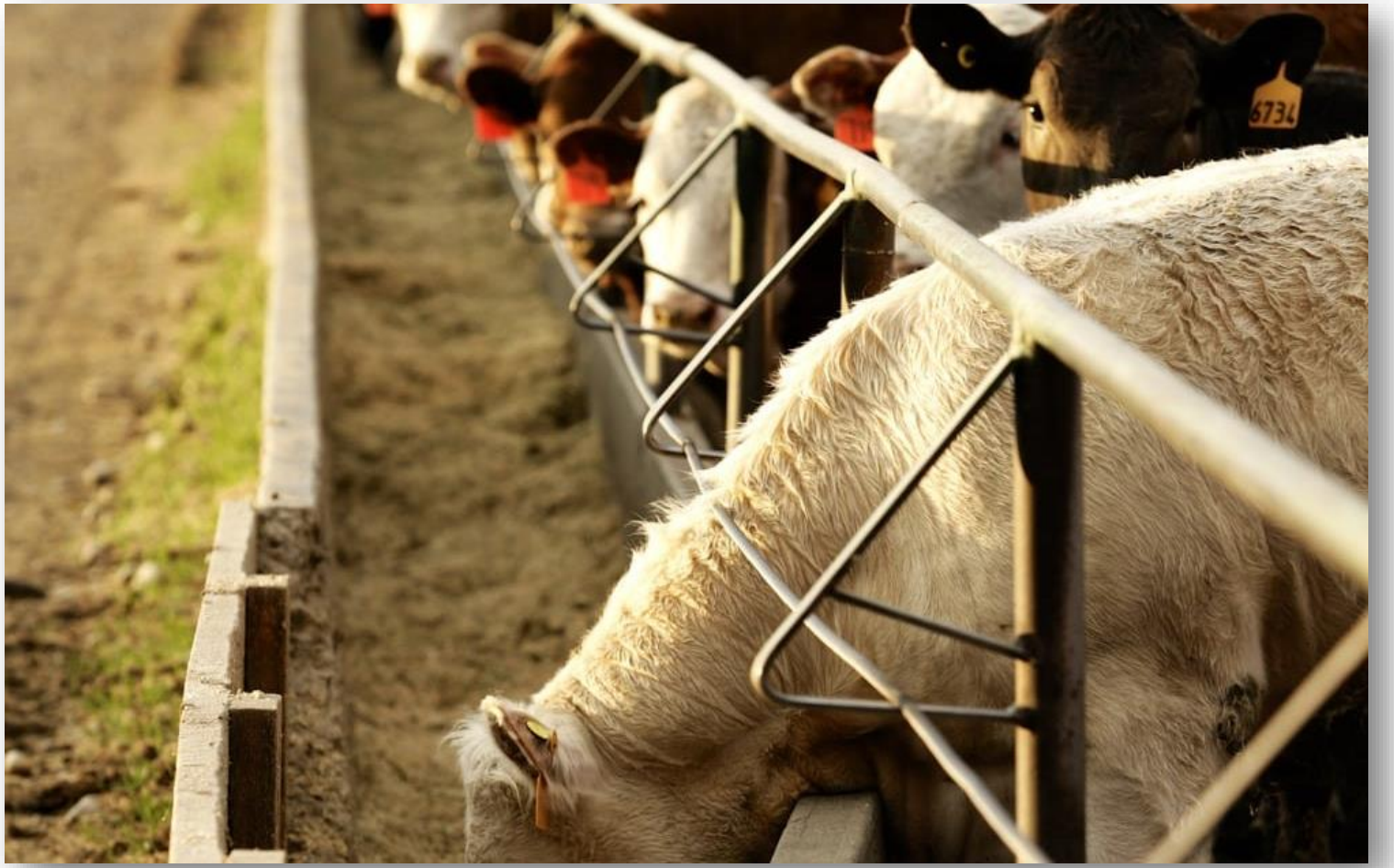
NR1: Riparian areas, wetlands, surface and ground water sources and nutrient runoff are responsibly managed to help maintain or enhance watershed health.

NR2: Soil health is maintained or enhanced.

https://www.facebook.com/narcoslicattleco/?__tn__=%2CdK*F-R&eid=ARA3ot_OGM8zk7b78oCPH726gaiWX8vq833wsYNS0tEA29RSzMKVpnaedLnYbabi-AnkZKmmaOemapEW

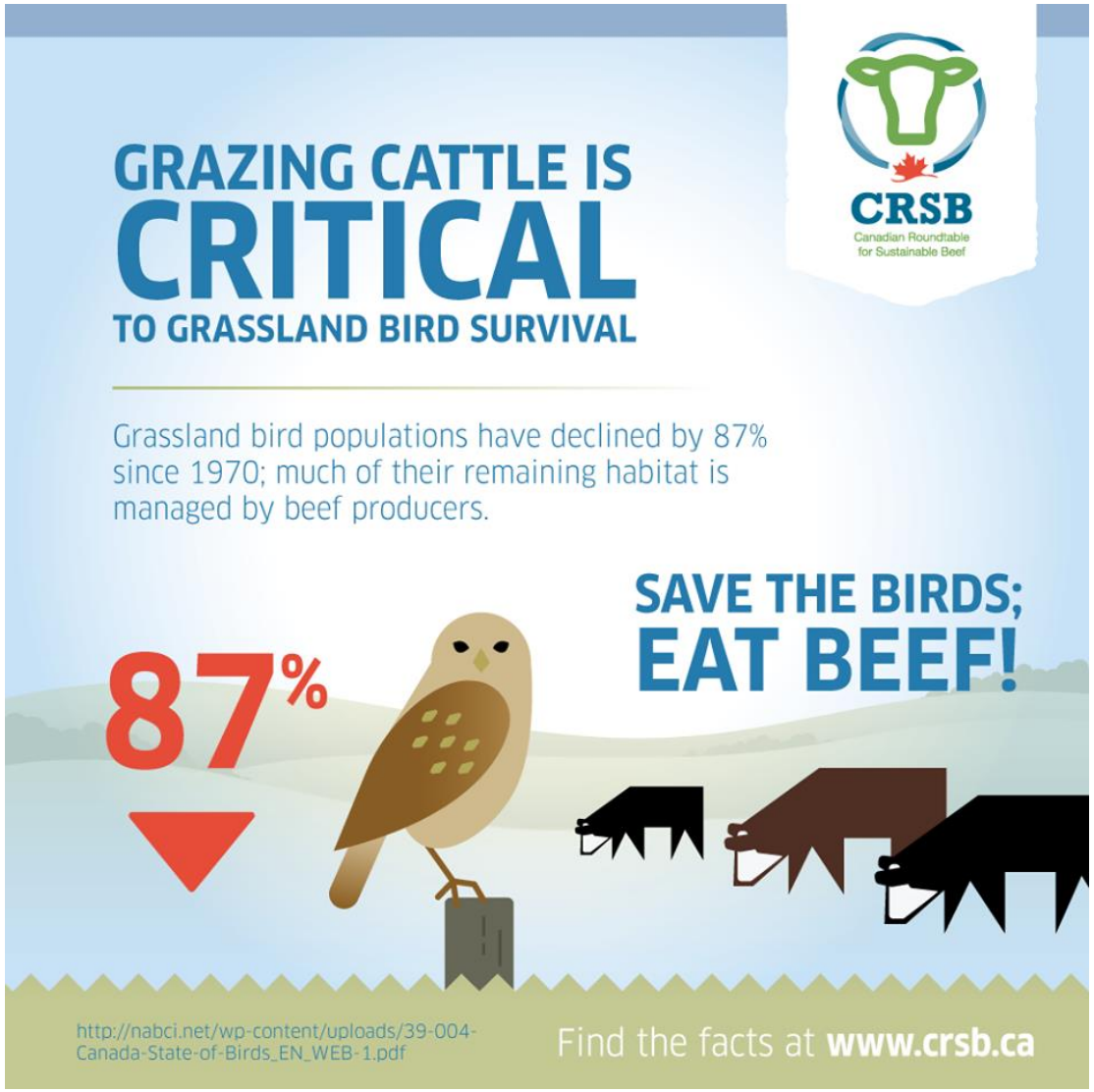


NR 3: Practices that support carbon sequestration and minimize emissions are understood and/or employed.



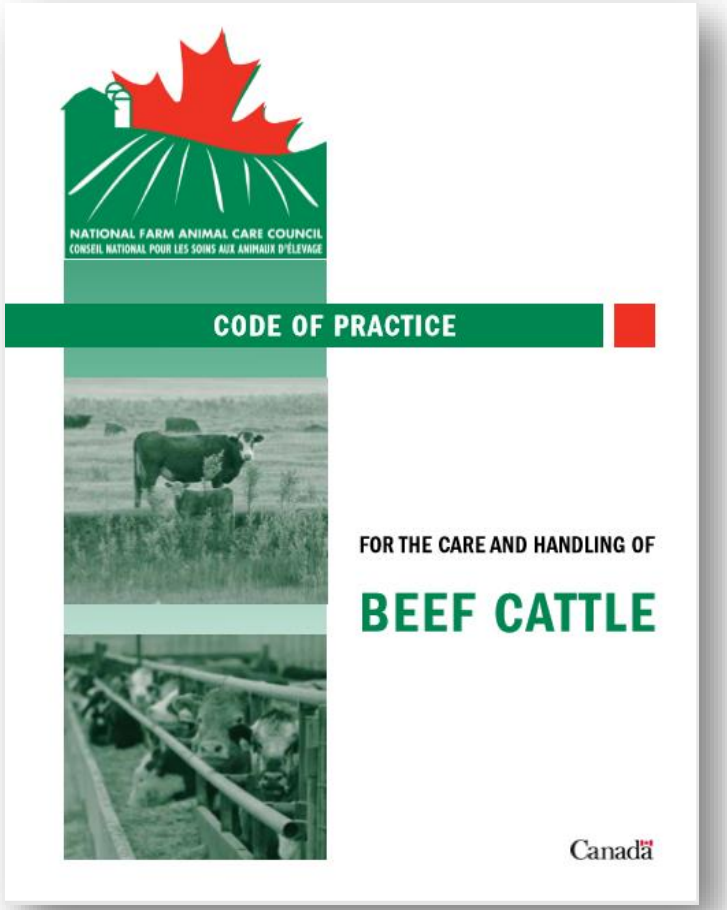
NR4: Air quality for people and animals is responsibly managed. This requirement is applicable to feedlots only.

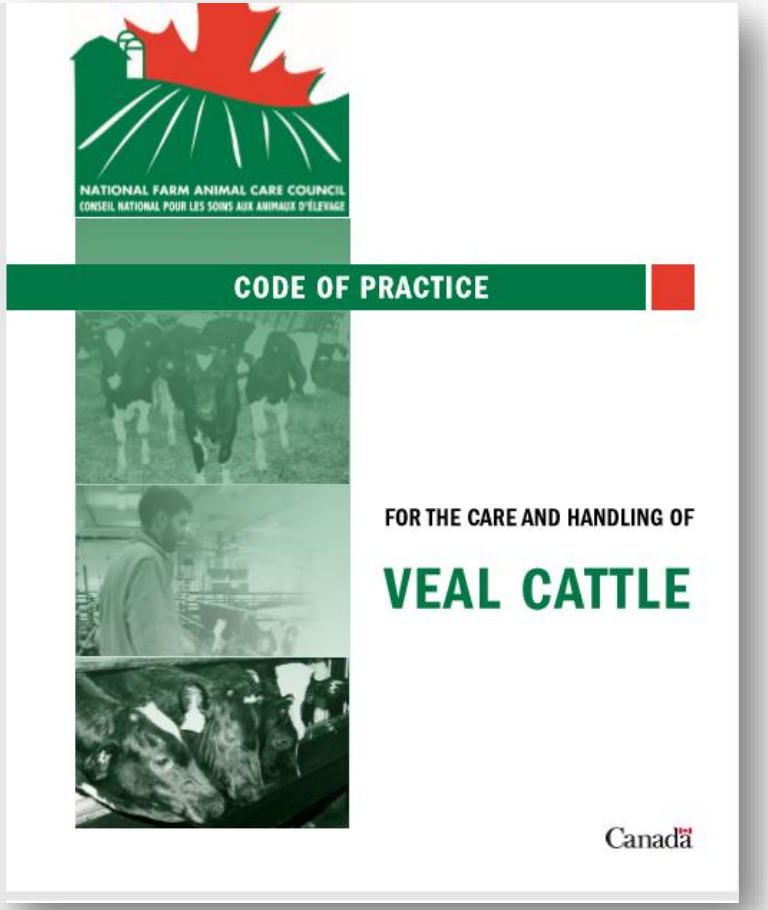
NR5: Grasslands, tame pastures and native ecosystems are maintained or enhanced .

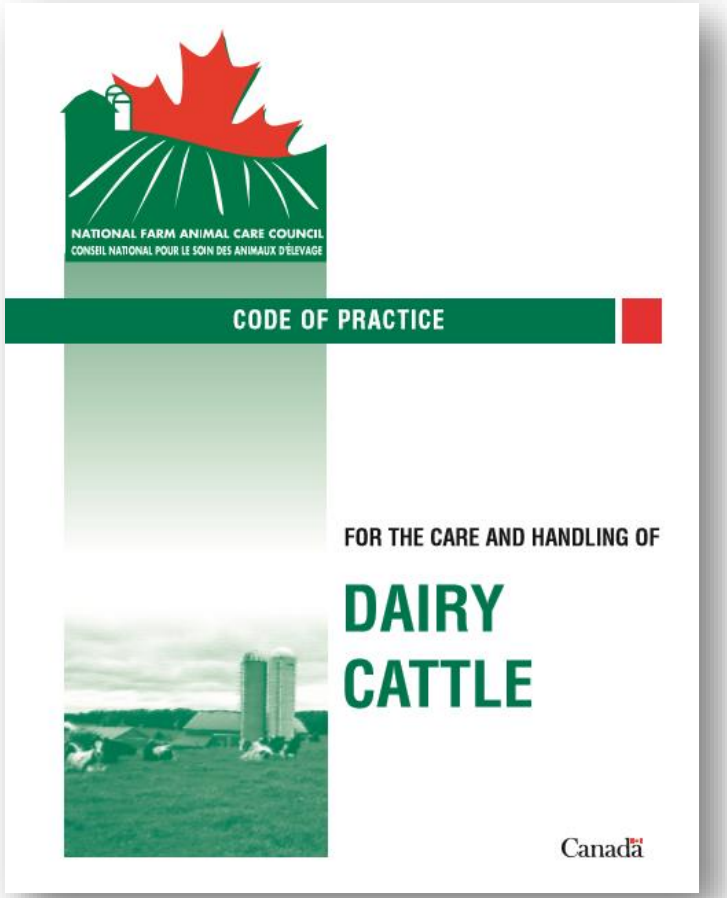


NR6: Habitat for wildlife is maintained or enhanced, and wildlife conflict prevention is managed.

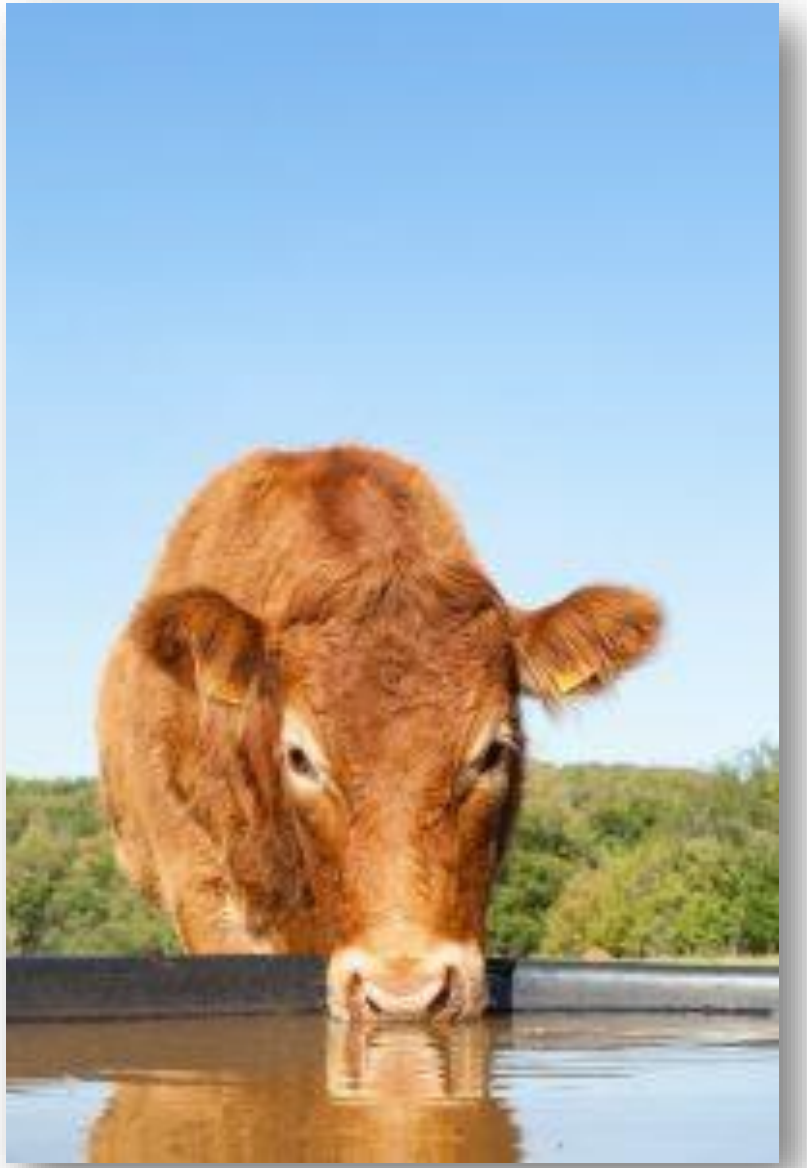
Animal Health and Welfare



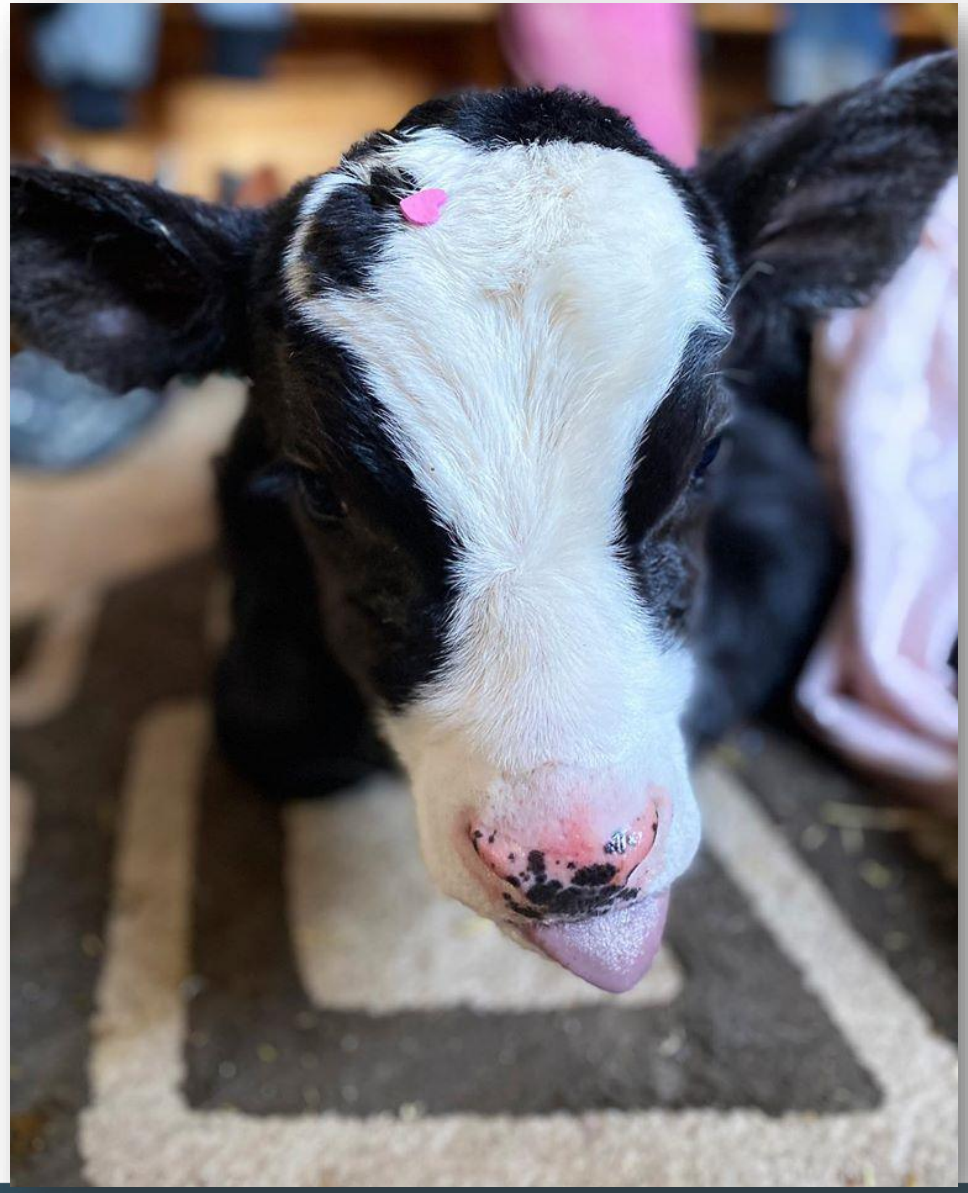




AHW 1: Cattle are regularly monitored and have sufficient quantity and quality of water and feed, when required, to meet their physical needs.



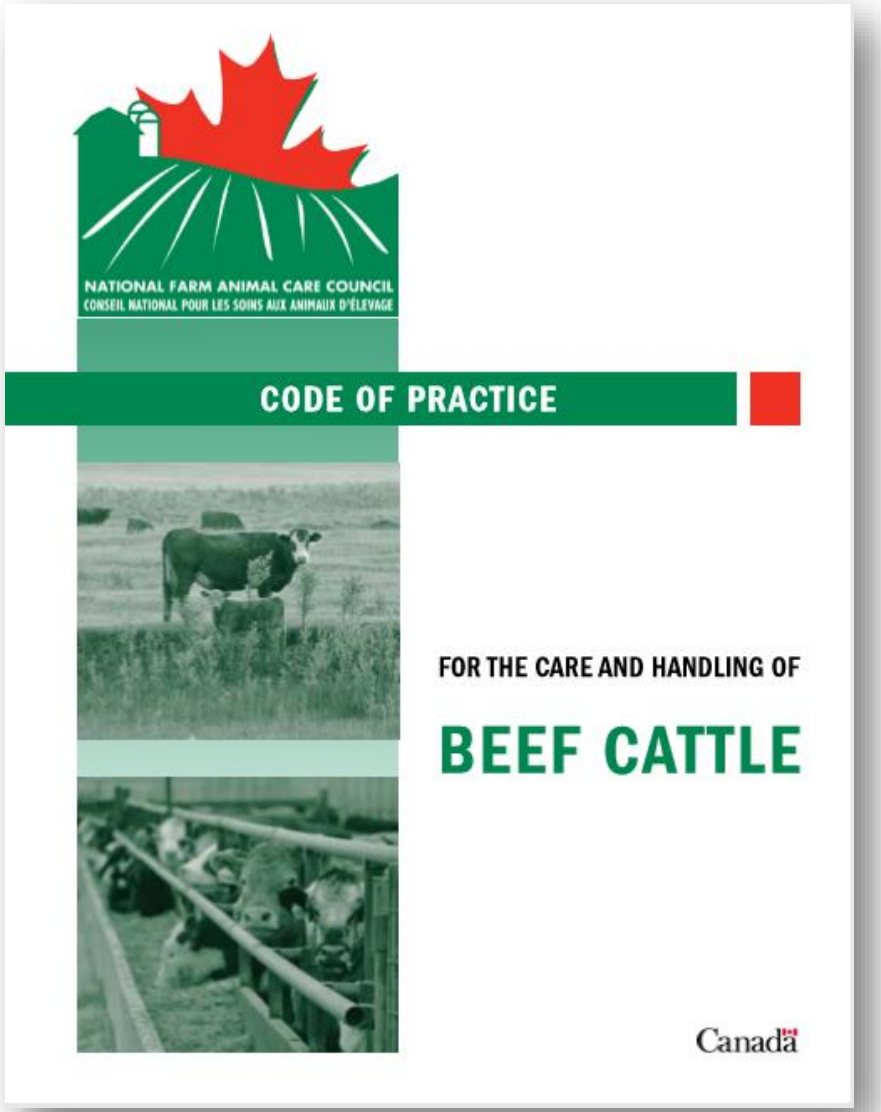
AHW2: Cattle have sufficient quantity and quality of water.



AHW 3: Cattle shall be monitored on an ongoing basis to ensure prompt and appropriate treatment or care.

AHW 4: Animal health products are responsibly used and disposed.

AH5: Steps are taken to mitigate/minimize animal pain and distress.



AHW 6: Decision points for euthanasia are clear and methods of euthanasia are acceptable.

AHW 7: Feeding areas and pastures allow cattle to express normal behaviors including resting postures.

AHW 8: Unnecessary animal stress is minimized.

Thank you

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Thank you!

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