

---



# Arcos Partners

Introductory Presentation

## Disclaimer

---

This Presentation (the “Presentation”) is being delivered by Arcos Partners LLC, and their affiliates (the “Company”) to a select number of parties who have expressed an interest in pursuing a transaction with the Company. The sole purpose of this Presentation is to assist the recipient in deciding whether to proceed with an in-depth investigation of the Company. This Presentation does not purport to contain all of the information that may be material to you or required to evaluate all of the factors which would be relevant to a recipient considering entering into any transaction, and any recipient hereof should conduct its own investigation and analysis. It is the recipient’s obligation to conduct its own due diligence.

This Presentation is confidential and proprietary and is being furnished solely for confidential consideration with the express understanding that, without the prior written consent of the Company, you will not release or make available this document or discuss the information contained herein with any third party or make reproduction of or use this Presentation for any purpose unauthorized by the Company. The distribution and use by each recipient of the information contained herein, and any other information provided to the recipient by the Company is governed by a Confidentiality Agreement, a copy of which has been executed and delivered by each recipient. If you have not executed and delivered such a Confidentiality Agreement, you have received this Presentation in error. If so, please notify us immediately and return the Presentation to the Company.

Neither the Company or its representatives makes any representation or warranty, express or implied, as to the accuracy or completeness of the information contained herein or any other, written or oral communication transmitted or made available to any recipient. The Company, and their respective affiliates and representatives expressly disclaim any and all liability based, in whole or in part, on such information, errors therein or omissions therefrom.

Except where otherwise indicated, this Presentation speaks as of the date hereof. Neither the delivery of this Presentation nor the consummation of any transaction shall, under any circumstances, create any implication that there has not been a change in the affairs of the Company since the date hereof. We do not undertake any obligation to update the forward-looking statements to reflect events or circumstances or changes in expectations after the date of this Presentation or to reflect the occurrence of subsequent events. No representations or warranties are made as to the accuracy or reasonableness of such assumptions or the projections or forward-looking statements based thereon. Only those representations and warranties, which may be made in a definitive written agreement relating to a transaction, when and if executed, and subject to any limitations and restrictions, as may be specified in such definitive agreement, shall have any legal effect.

## Arcos Partners LLC's Experienced Team

**Mario E. Rodriguez**  
Managing Member

**Ricardo Segovia**  
Chief Executive  
Officer

**Gustavo Wills**  
Chief Operating  
Officer

**Oscar I. Rodriguez**  
Principal Financial  
Officer

**Corina Wills**  
Principal  
Logistics

**President**  
*NTR Partners III LLC*

**Founder and Former CEO**  
*Northern Tier Energy (NYSE:  
NTI)*  
*NTR Acquisition Co. (Amex:  
NTW)*

**Focus on Project  
Development, Strategy  
and Markets**

**Founder and President**  
*Herseg Group  
(MoneyGram Partner)*

**Former Latin America  
Director**  
*Cardinal Health, 3M,  
Johnson & Johnson Medical  
Devices*

**Focus on General  
Management, Channel  
Development and  
Regulatory**

**Founder, VP & General  
Manager**  
*Herseg Group  
(MoneyGram Partner)*

**Headmaster**  
*Colegio Los Arcos  
(Venezuela)*

**Country Manager**  
*Steelcase Inc. (Venezuela  
Branch),  
Hunter Douglas NV  
(Venezuela Branch)*

**Focus on Operations,  
Logistics and Regulatory**

**Member**  
*NTR Partners III LLC*

**VP Finance & Treasurer**  
*Northern Tier Energy (NYSE:  
NTI)*

**Focus on Project  
Development, and  
Finance**

**B.S. Chemical  
Engineering**

**Master Degree in  
Transportation, Logistics  
and Supply Chain**

**Focus on Inside Sales &  
Logistics**

# Arcos Partners LLC's Regional Representatives

**Carlos Collazo**  
Region  
Representative

**Founder and President**  
*FyC Construcciones y  
Montajes, Argentina*

**Focus on Business and  
Channel Development,  
Infrastructure & Logistics**

**Fermin Ariño**  
Advisor, Region  
Representative

**Commercial Manager**  
*Ocean Drive S.A.,  
Argentina*

**Executive Sales**  
*MGP Logistics,  
Argentina*

**Focus on Operations,  
Logistics and  
Infrastructure**



**Ana Centola**  
Region  
Representative

**Real Estate broker**  
*New York City*

**Former Investment  
Banker**  
*Morgan Stanley*

**Focus on Business and  
Channel Development,  
Infrastructure & Logistics**

# Company Overview

## Arcos Partners LLC (AP)

### Vision

- A leading supplier of low-carbon intensity feedstocks for the North American and European renewable fuels industry

### Business

- AP's business is focused on aggregating tallow from primarily Argentina and secondary markets in Latin America
- We are focused on “first-mile” logistics for the supply of tallow to renewable diesel production companies
- Our aggregation process allows us to ensure traceability for the material supplied, which is critical for regulatory compliance

### Current Supply Capacity

- We have capacity to commit up to monthly deliveries of up to 10,000 MT
- We expect to double this capacity within the next six months, and continue to expand it as we develop additional markets



# The Story of Rendering<sup>1</sup>

## 1 ANIMAL LEFTOVERS & OILS COLLECTED FROM

**MEATS**



**MEAT LOCKERS, PACKING PLANTS & BUTCHER SHOPS**  
Ex: scraps, bones, fat, blood, feathers

**GROCERY**



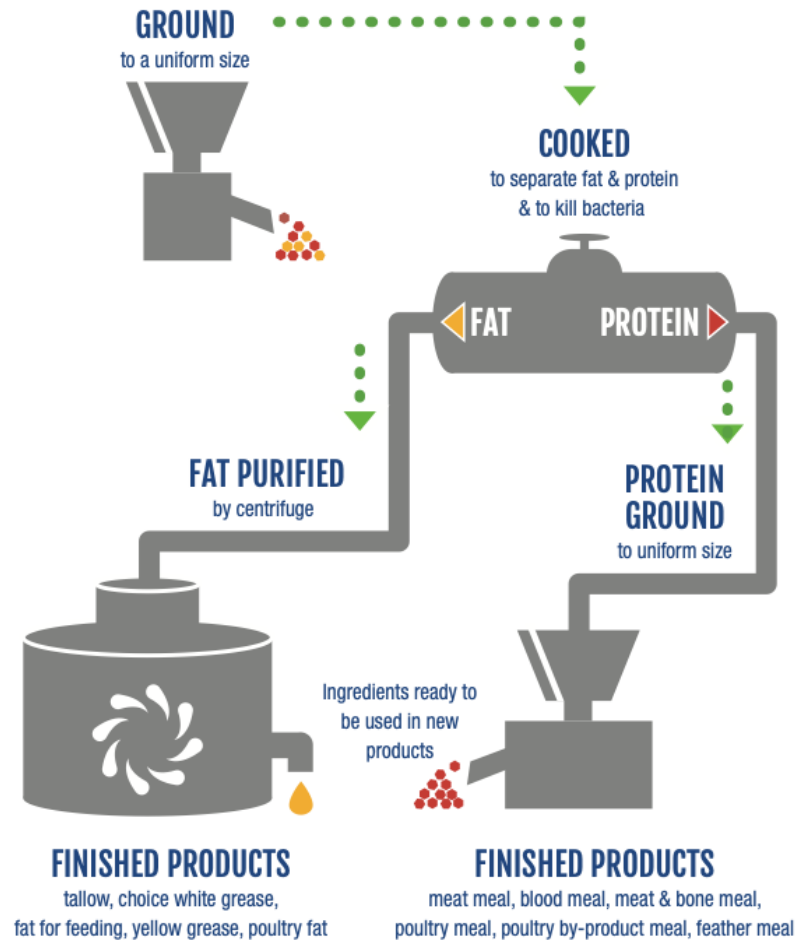
**GROCERY STORES**  
Ex: scraps, expired rotisserie chickens, meats

**RESTAURANTS**



Ex: used cooking oil

## 2 RENDERING PROCESS



## 3 RENDERED INGREDIENTS ARE USED TO PRODUCE:

**BIOFUEL/GREEN ENERGY**

**PET FOOD**

**LIVESTOCK FEED**

**AQUACULTURE FEED**

**FERTILIZER**

**PERSONAL CARE ITEMS**  
cosmetics, soap, perfumes,  
shaving cream, deodorant

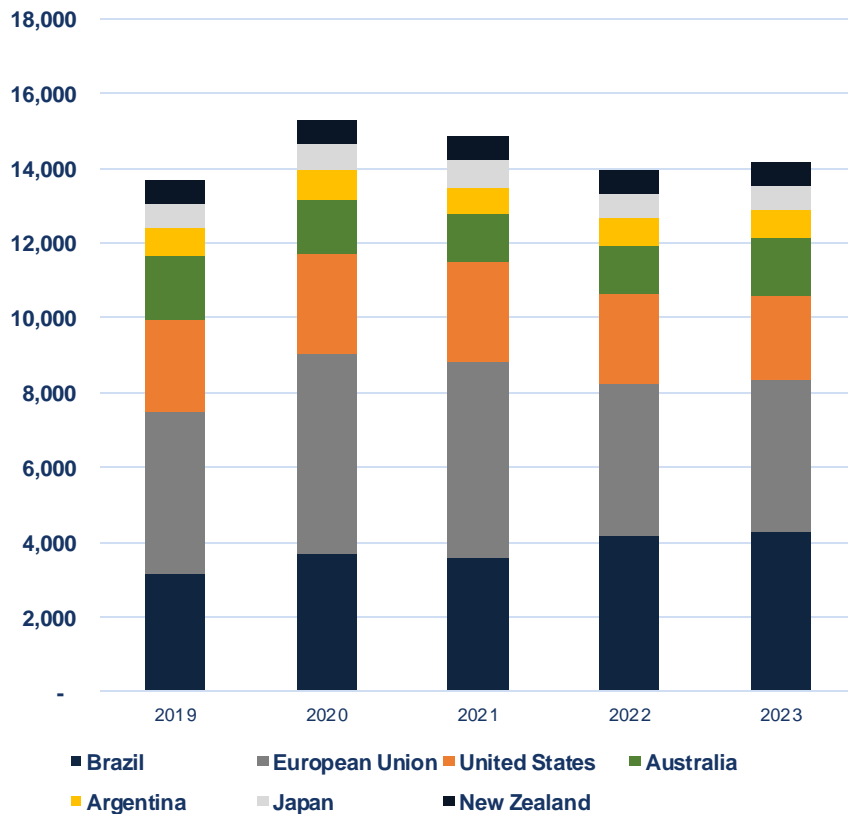
**INDUSTRIAL USES**  
leather, lubricants, paint,  
varnishes, cleaners, rubber

1. North American Renderers Association

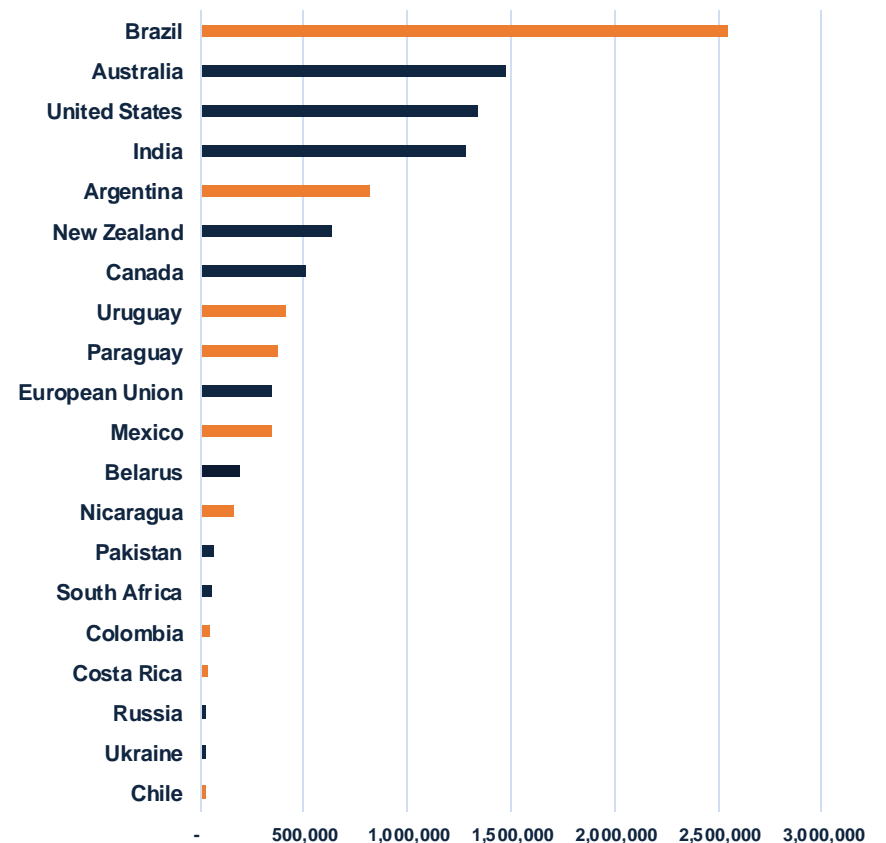
# Assessing Market Size: Supply Side

Latin American countries represent approximately 40% of world exports

**Beef, Veal and Pork Production Net of Local Consumption, MT <sup>1</sup>**



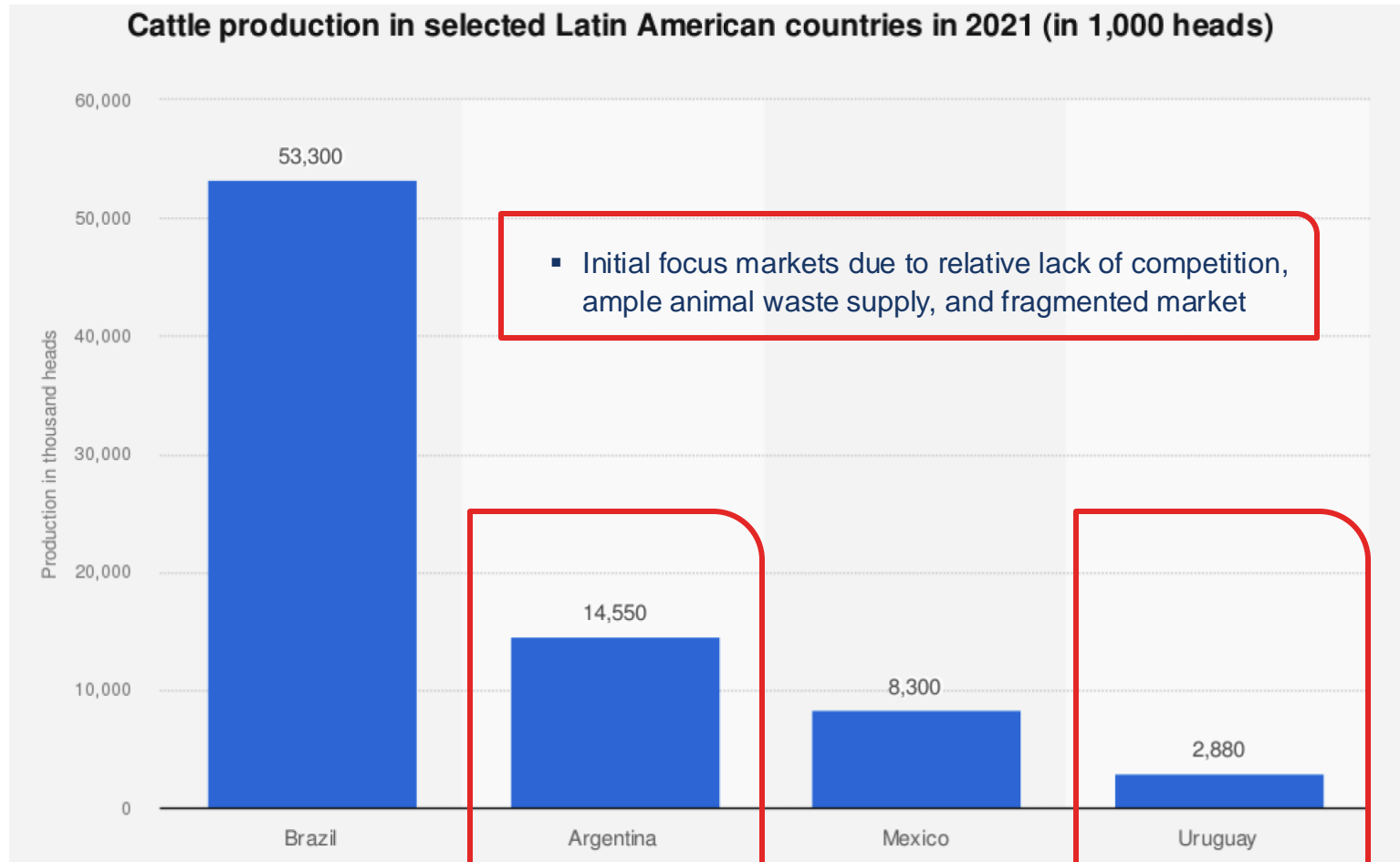
**Annual Beef Exports by Country, lbs., (2020)<sup>2</sup>**



1. FAS, USDA, [https://apps.fas.usda.gov/psdonline/circulars/livestock\\_poultry.pdf](https://apps.fas.usda.gov/psdonline/circulars/livestock_poultry.pdf)  
 2. FAS, USDA, <https://beef2live.com/story-world-beef-exports-ranking-countries-0-106903>

# Latin American Cattle Production

## Heads of Cattle<sup>1</sup>



1. Statista.com, last data available, <https://www.statista.com/statistics/1005380/latin-america-cattle-heads-number-country/>



## Tallow has a low carbon intensity index, which makes it a highly attractive feedstock

Average CARB Certified CI	Carbon Intensity (gCO <sub>2</sub> e / MJ)			CI from GREET model
	Fuel and Feedstock	Direct Emissions	Indirect Land Use Changes	
<b>Petroleum Diesel</b>	100.45	0.00	100.45	
<b>Biodiesel</b>				
Canola Oil	39.41	14.50	53.91	
Distillers' Com Oil	33.62	0.00	33.62	
Soybean Oil	25.16	29.10	54.26	
Tallow	34.86	0.00	34.86	
Used Cooking Oil	20.89	0.00	20.89	
<b>Renewable Diesel</b>				
Distillers' Com Oil	34.33	0.00	34.33	23.82
Soybean Oil	26.12	29.10	55.22	53.00
Tallow	37.71	0.00	37.71	24.74
Used Cooking Oil	22.26	0.00	22.26	24.00

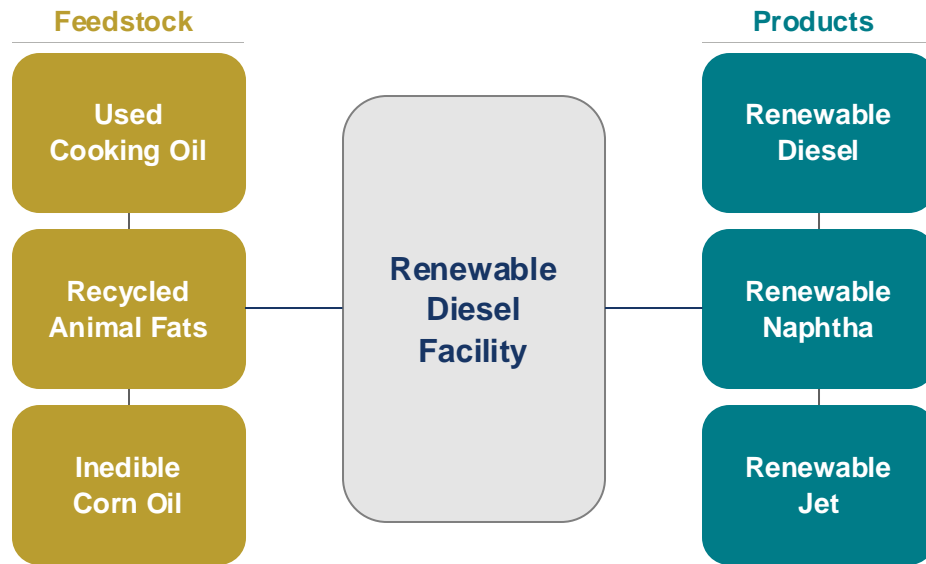
**Carbon intensity ("CI") is a measure of greenhouse gas emissions ("GHG") emissions per unit of energy in fuel and is measured in grams of carbon dioxide (CO<sub>2</sub>) equivalent emissions per megajoule (gCO<sub>2</sub>e/MJ)**

**Carbon emissions (CO<sub>2</sub>) from renewable sources are not counted in the CI calculation**

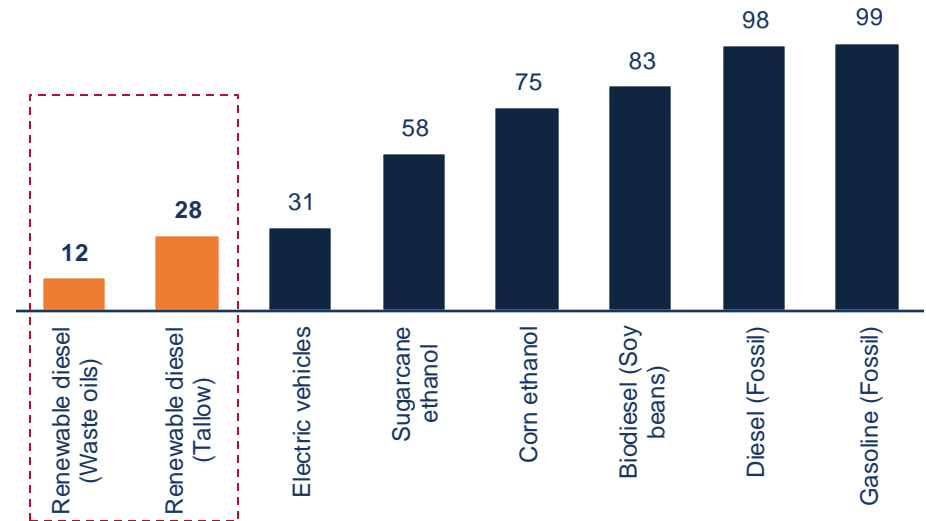
Source: California Air Resources Board (CARB), GREET model

# Renewable diesel is superior to conventional diesel and other biodiesels on almost every measure

## Renewable Diesel: Value Chain Overview



## Carbon Intensity Overview (CO<sub>2</sub>E / MJ)



### 1 Carbon Intensity

- Screens better than conventional diesel and biodiesel on almost every measure
- Carbon intensity is ~50% - 85% lower than that of conventional diesel fuel

### 2 Universal Applicability

- Can fully replace fossil diesel in internal combustion engines
- In contrast to biodiesels, high-level blends of renewable diesel (including 100%) are approved for use in diesel engines by vehicle manufacturers

### 3 No "Blending Wall"

- Conventional biofuels are generally limited to 5-10% blends with fossil fuels, as higher shares would harm some car engines without additional adaptation
- Renewable diesel faces no such "blending wall"

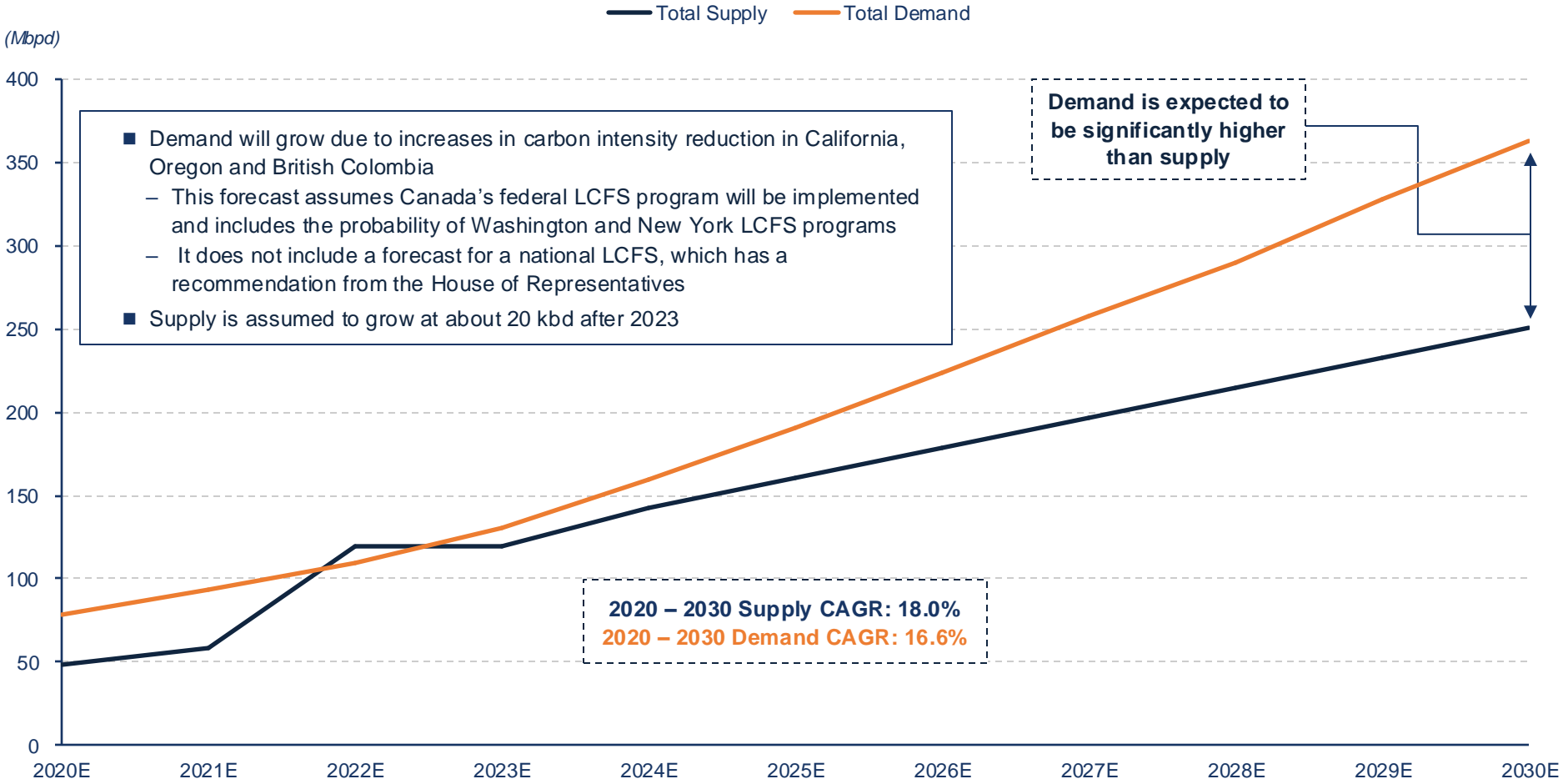
### 4 Advantaged Feedstock

- Feedstock for conventional biofuels compete with food, meaning higher biofuel production displaces crops from food production
- Renewable diesel can be solely produced with waste and residue products

Source: Equity research

# Renewable diesel demand is expected to significantly outpace supply in the next decade

## Renewable Diesel (Mbpd)



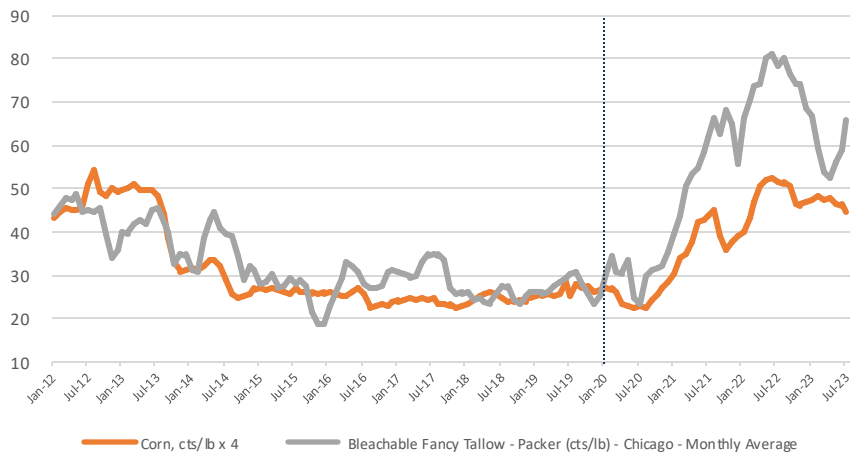
**Renewable diesel is expected to see major growth in North America with both demand and supply increasing almost five-fold over the next decade**

Source: California Air Resources Board (CARB), Stillwater Associates

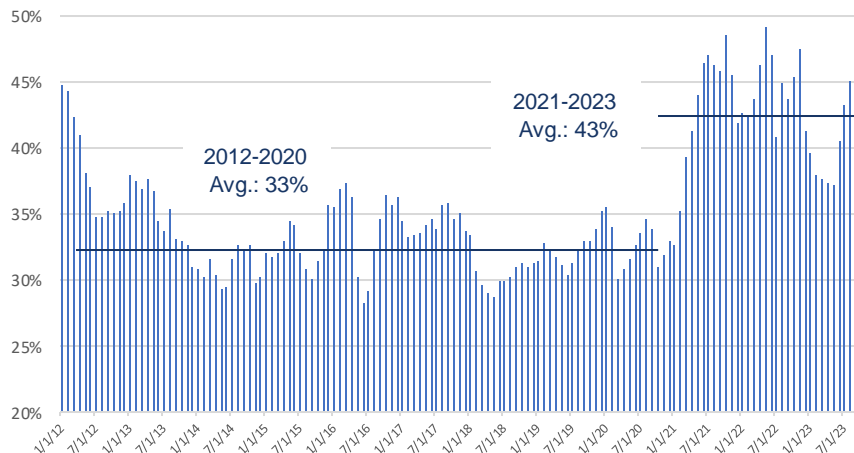
# Low C.I. Feedstocks Pricing Dynamics: U.S. Perspective

## Situation Overview

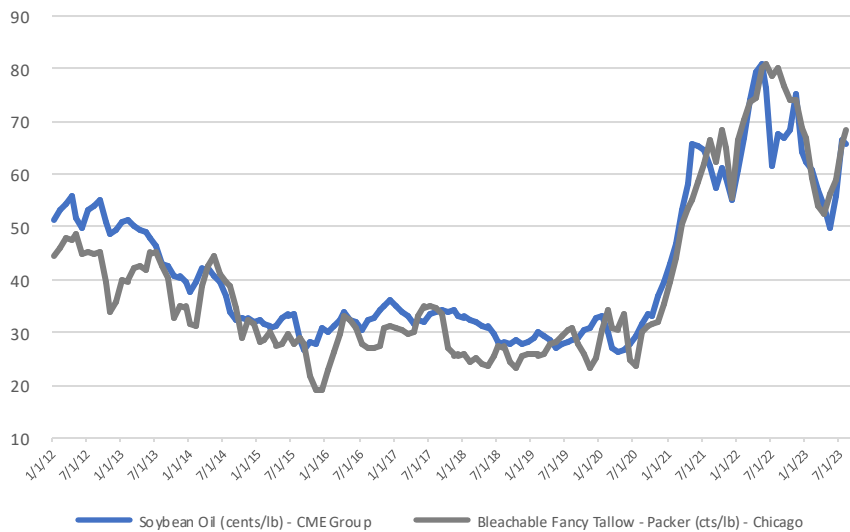
Tallow competed with Corn in the Animal Feed Industry until 2020...



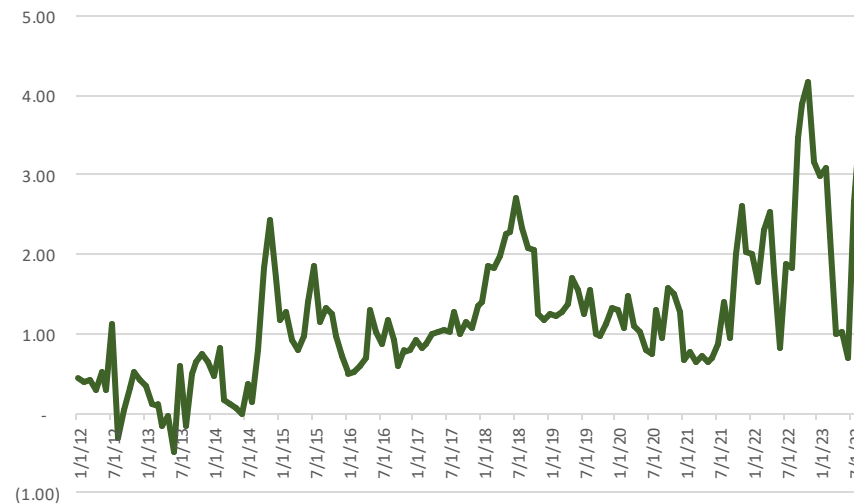
Soybean oil value share of Soybean GPW increased since 2020



... Soybean Oil and Tallow have experienced similar trajectories

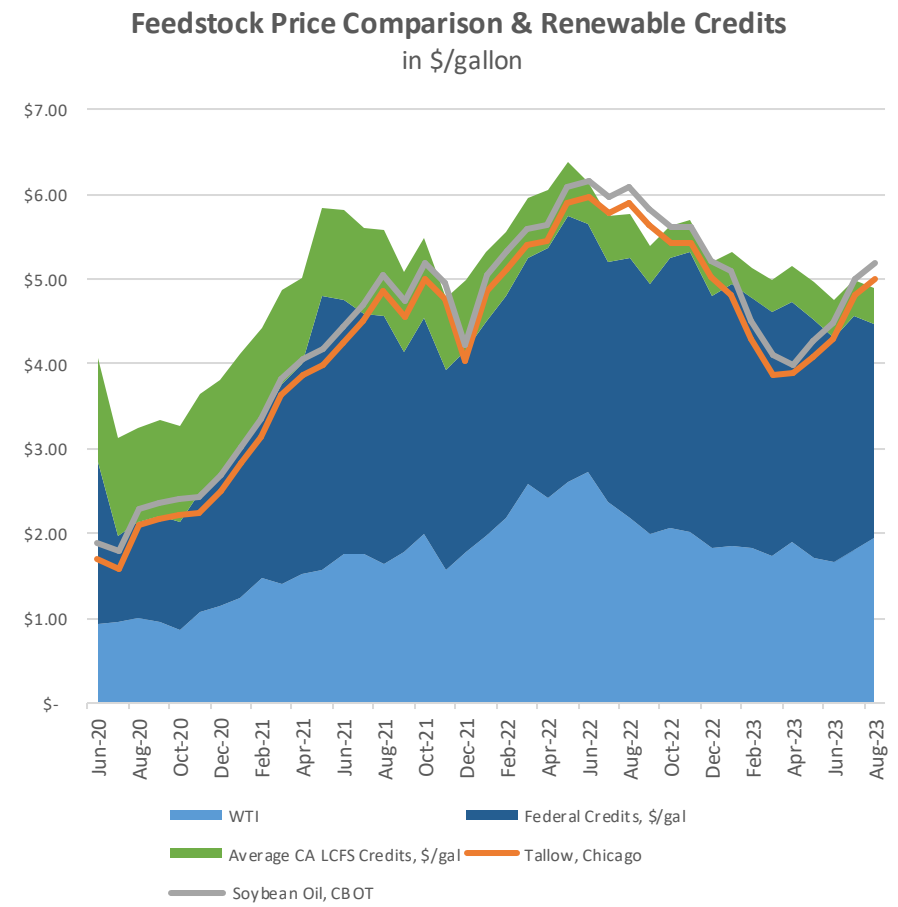
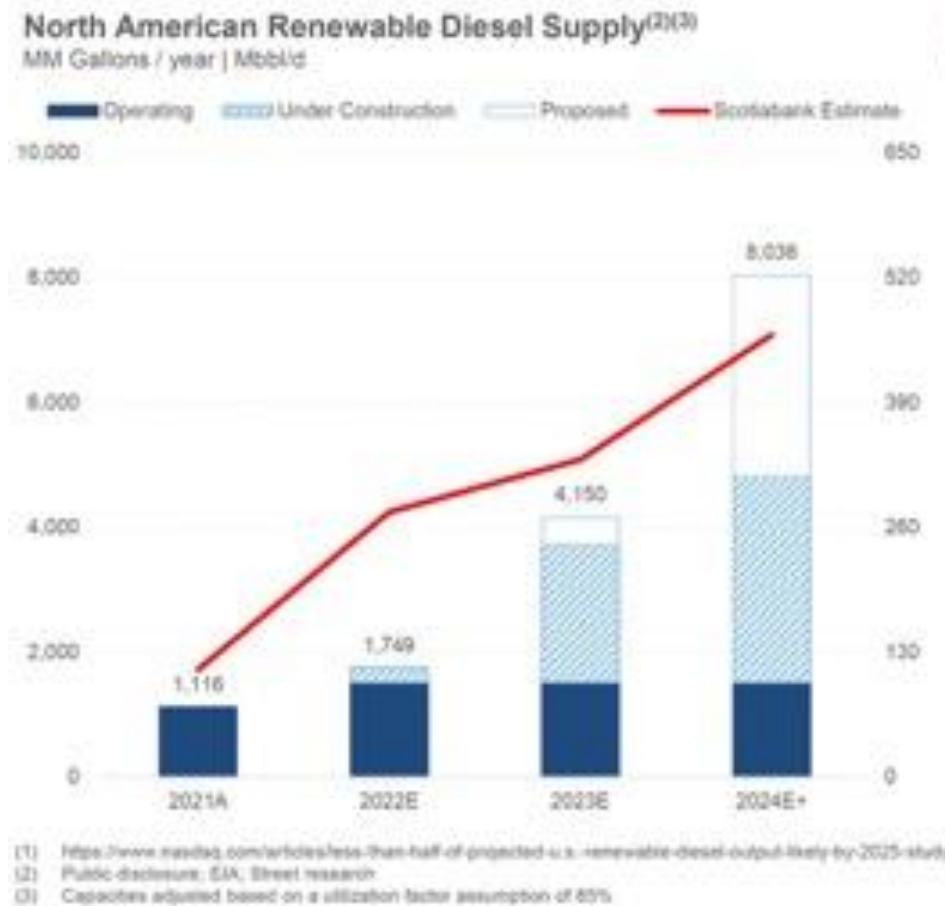


Leading to a meaningful increase in the crush spread (cts/lb)



# Low C.I. Feedstocks Pricing Dynamics: U.S. Perspective (cont.)

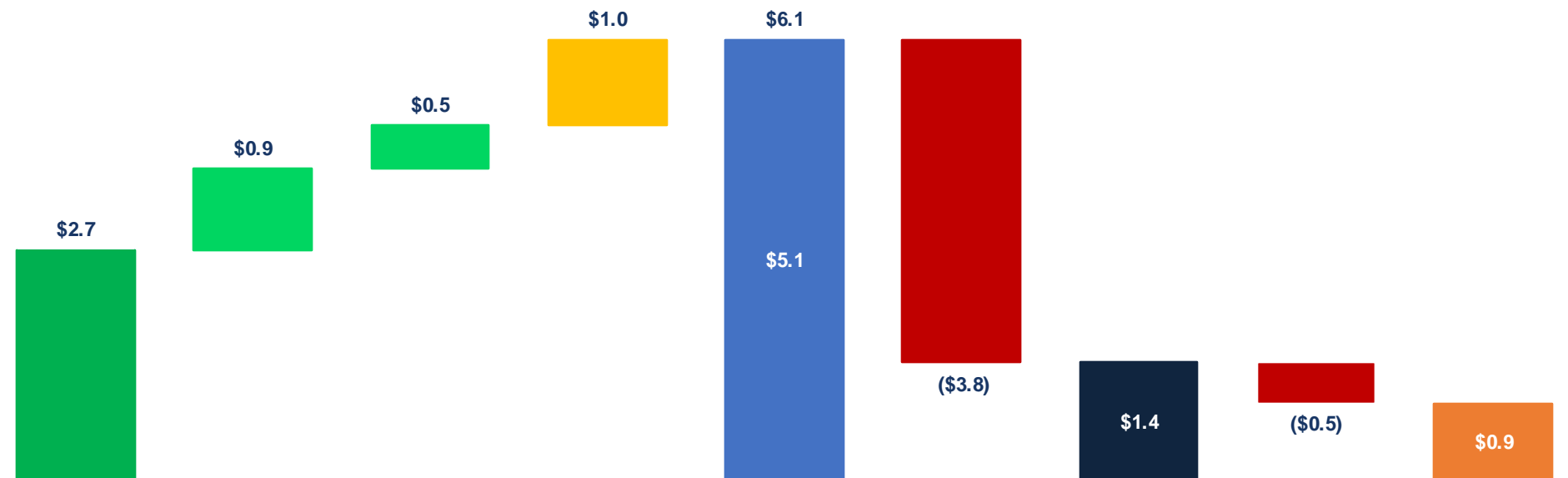
Fats and Oil prices are trading at close to Oil plus Federal & State Credits equivalence due to increased demand<sup>1</sup>



1. Average CA LCFS credits consist of Tallow and Soybean Oil credits and does not include C&T credits; Federal Credits are D4 RIN values at a 1.7x multiplier; assumes 7.6 lbs/gal for Soybean Oil and Tallow

# Renewable Diesel (Consumer) Producer Perspective

Illustrative Economics of Illustrative RD Producer purchasing low carbon intensity feedstock

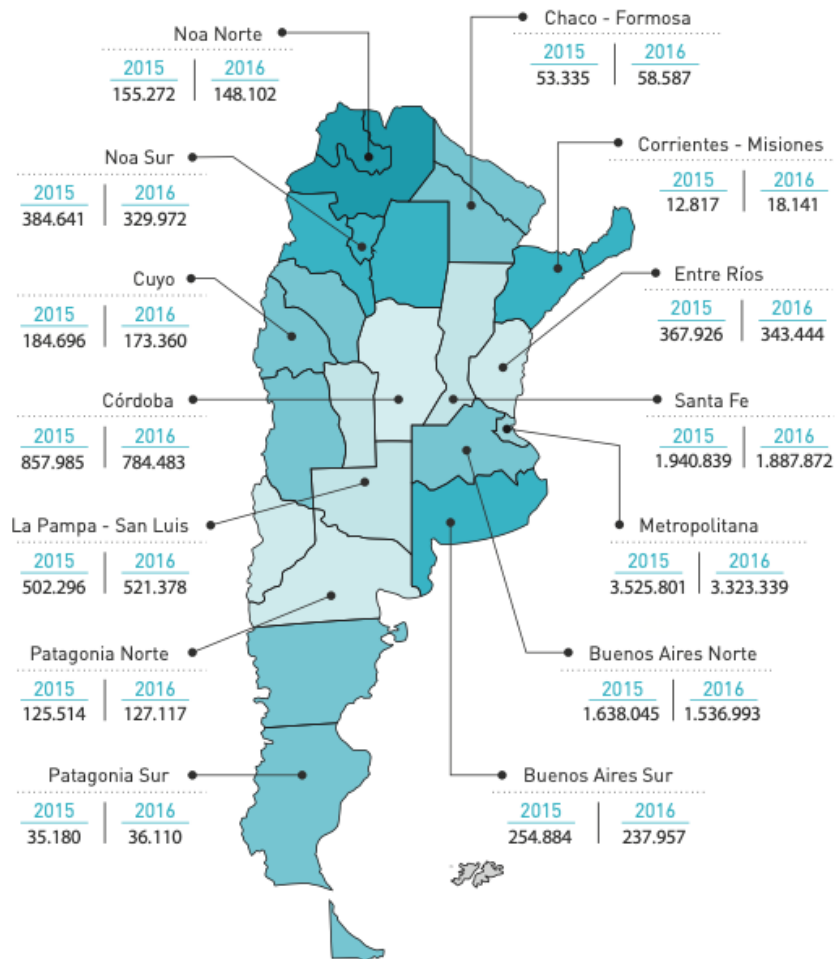


Product revenue	Credits: D4 RINs	Credits: LCFS <sup>1</sup>	Credits: BTC	Total Revenue	Feedstock cost	Gross Margin	Operating costs	EBITDA margin
<ul style="list-style-type: none"> <li>Indicative price earned through sale of refined products</li> </ul>	<ul style="list-style-type: none"> <li>Federal credits earned in the form of D4 RINs under the Renewable Fuel Standard (RFS)</li> </ul>	<ul style="list-style-type: none"> <li>California State credits under the Low Carbon Fuel Standard (LCFS)</li> </ul>	<ul style="list-style-type: none"> <li>Blender's Tax Credit (BTC) was renewed until 2024</li> </ul>	<ul style="list-style-type: none"> <li>Total revenue including product sales and all Federal &amp; State credits</li> </ul>	<ul style="list-style-type: none"> <li>Indicative price of feedstock based on a tallow</li> </ul>	<ul style="list-style-type: none"> <li>Indicative gross margin, computed as total revenue – feedstock costs</li> </ul>	<ul style="list-style-type: none"> <li>Includes cost of electricity, purchased hydrogen, other chemicals, water etc.</li> </ul>	<ul style="list-style-type: none"> <li>Indicative EBITDA margin, computed as gross margin – operating costs</li> </ul>

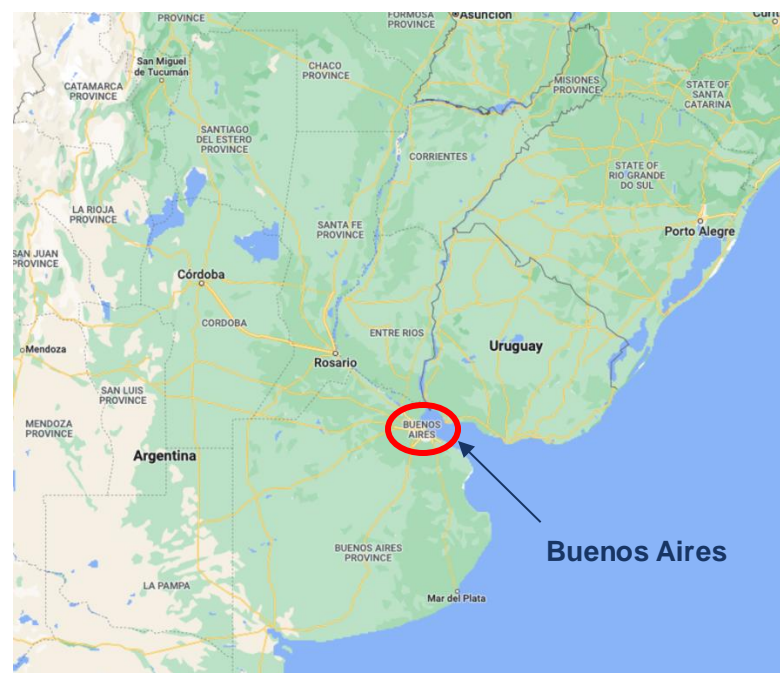
# Argentina: Supply Assessment

## The Argentine cattle market is largely concentrated in the greater Buenos Aires area ...

Cattle stock of 54M, largely concentrated in the larger Buenos Aires and Rosario regions, which access to export ports<sup>1</sup> & annual tallow production of 246,000 MT



### Ranking 2016



Source: Senasa, Ministerio de Agroindustria, Presidencia de la Nación. Last data publicly available, [http://www.senasa.gob.ar/sites/default/files/ARBOLO\\_SENASA/INFORMACION/INFORMES%20Y%20ESTADISTICAS/Informes%20y%20estadisticas%20Animal/BOVINOS/BOVINOS/FAENA%20BOVINA/anuario\\_faena\\_bovino\\_2016.pdf](http://www.senasa.gob.ar/sites/default/files/ARBOLO_SENASA/INFORMACION/INFORMES%20Y%20ESTADISTICAS/Informes%20y%20estadisticas%20Animal/BOVINOS/BOVINOS/FAENA%20BOVINA/anuario_faena_bovino_2016.pdf)

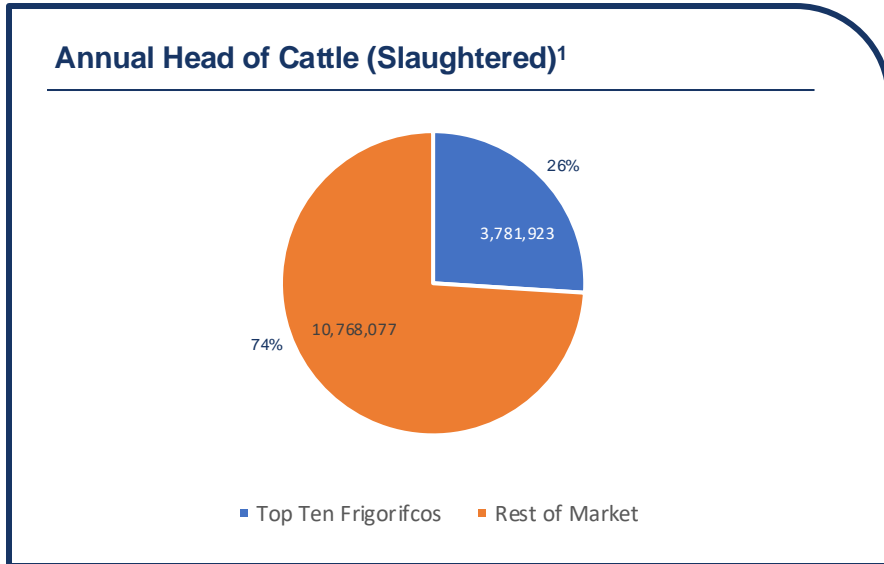


... which extends to capacity of potential Argentine suppliers

Top ten companies over 25% of "frigoríficos" capacity in Argentina

Annual Heads of Cattle Processed

Rank	Company	Plants	Capacity (2020)	Region
1	Supplier A	8	609,375	Cordoba, Catamarca, Santiago del Estero
2	Supplier B	2	491,932	Gran Buenos Aires
3	Supplier C	3	450,000	Gran Buenos Aires
4	Supplier D	3	423,581	Melo, Canelones, Montevideo
5	Supplier E	3	321,957	Pampas, Arenales, Varela
6	Supplier F	1	316,523	Gran Buenos Aires
7	Supplier G	2	302,858	Santa Fe
8	Supplier H	2	292,723	San Jorge, Santa Fe
9	Supplier I	1	286,756	Perez Millan
10	Supplier J	1	286,218	Melchor Romero (La Plata)
<b>Total:</b>			<b>3,781,923</b>	

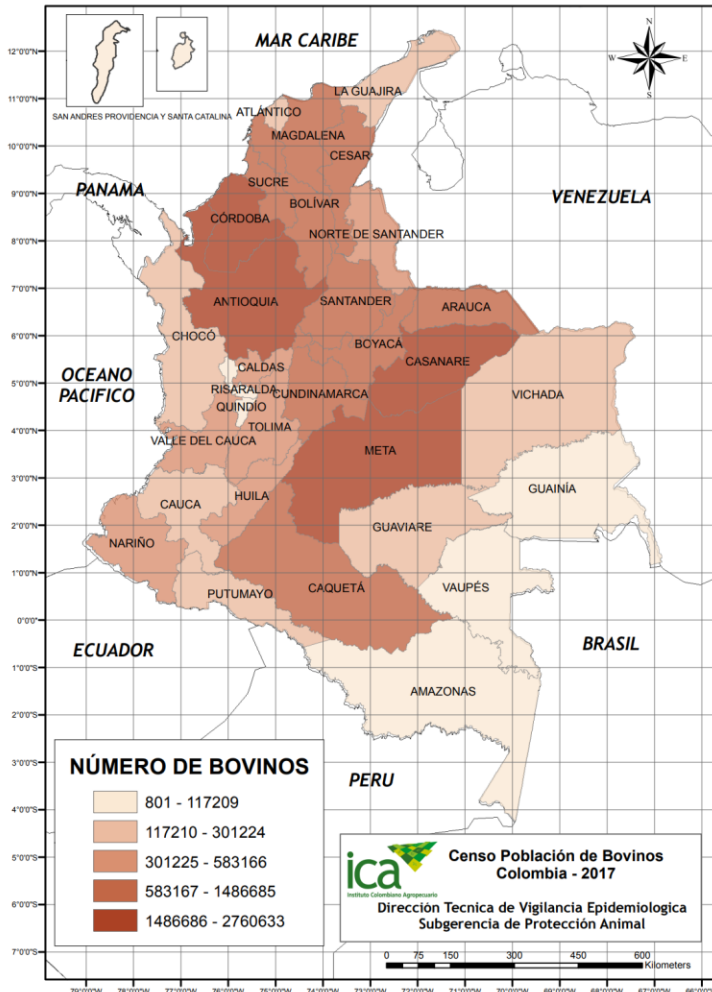


Source: Ministerio de Producción y Trabajo, Presidencia de la Nación, Argentina, Faena y producción de carne bovina, Informe mensual 2018-2019

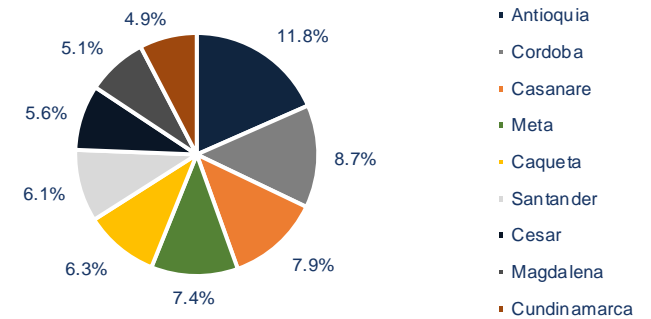
# Colombia: Supply Assessment

# The Colombian cattle market is largely concentrated in the Antioquia and Cordoba Regions

With 30M heads of cattle, making it the fourth livestock herd in the Americas & annual tallow production of 20,000 MT



## Cattle Market

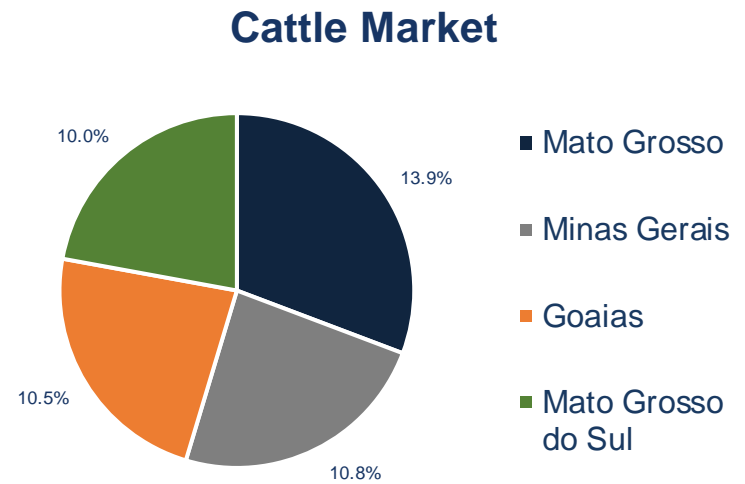
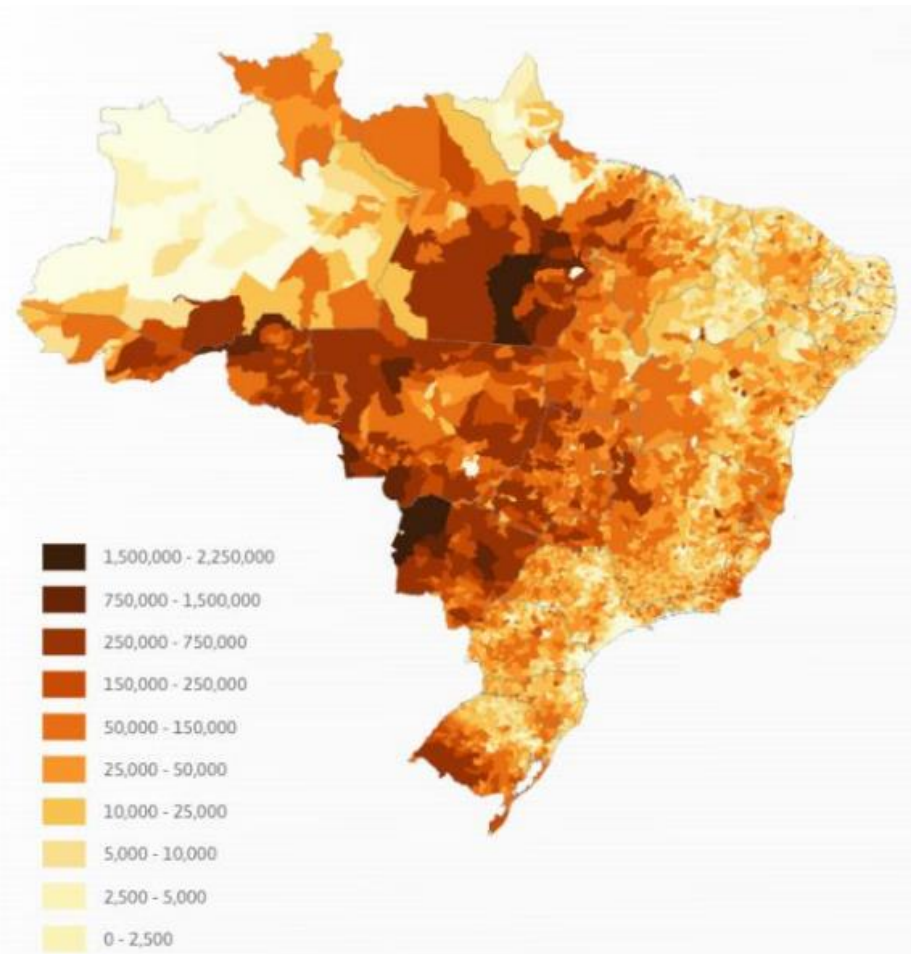


Source: ICA, Instituto Colombiano Agropecuario. Last data publicly available, Knoema Data.  
<https://www.ica.gov.co/areas/pecuaria/servicios/epidemiologia-veterinaria/censos-2016/censo-2017.aspx>

# Brazil: Supply Assessment

# The Brazilian cattle market is largely concentrated in the State of Mato Grosso

Largely concentrated in the Central-West Region, which has 34.4% of the nation's total

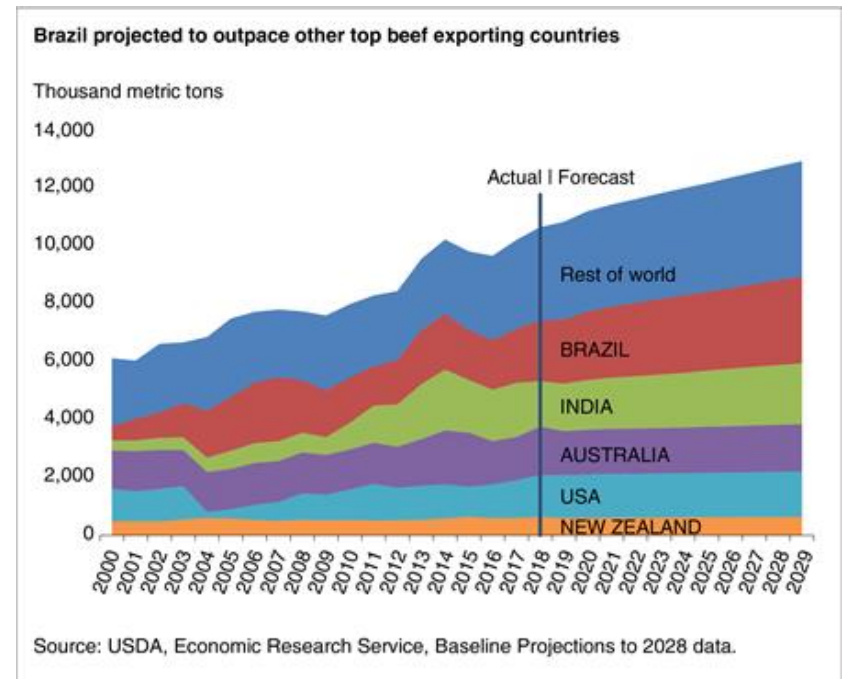
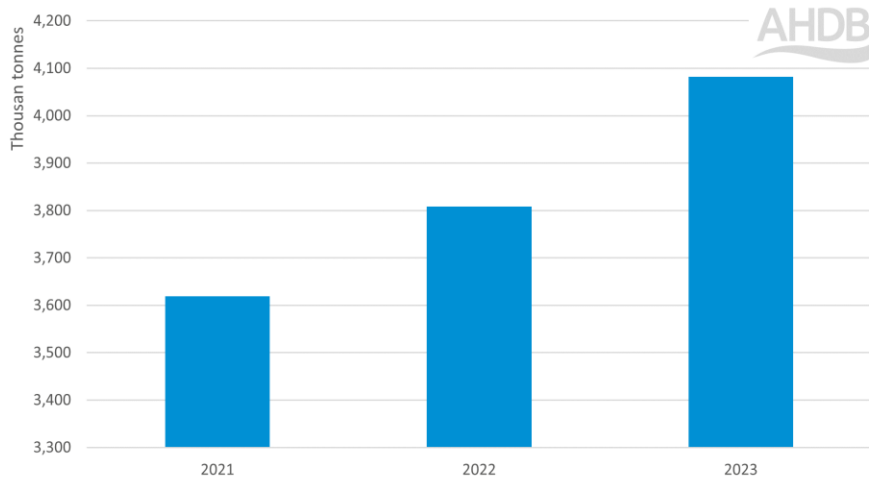


Source: USDA. Last data publicly available, [https://apps.fas.usda.gov/newgainapi/api/Report/DownloadReportByFileName?fileName=Livestock%20and%20Products%20Semi-annual\\_Brasilia\\_Brazil\\_BR2022-0018.pdf](https://apps.fas.usda.gov/newgainapi/api/Report/DownloadReportByFileName?fileName=Livestock%20and%20Products%20Semi-annual_Brasilia_Brazil_BR2022-0018.pdf)

# The Brazilian cattle market is the second largest in the world

Cattle stock of 234.4 M heads in 2023 & annual tallow production estimated at 338,000 MT

Brazil's beef production 2021 - 2023



Source: AHDB: Brazil's production grows as prices support trade. Last data publicly available, Knoema Data.

<https://ahdb.org.uk/news/beef-market-update-brazil-s-production-grows-as-prices-support-trade>

Source: USDA: Economic Research Service. Last data publicly available,

<https://www.ers.usda.gov/amber-waves/2019/july/brazil-once-again-becomes-the-world-s-largest-beef-exporter/>

# Regulatory Compliance

## Compliance with International Regulatory Requirements

EPA	Supplier Separated Food Waste Certificate	<ul style="list-style-type: none"> <li>Ensures the supplier / product meets the EPA definition of a renewable biomass under 40 CFR 80.1401.</li> <li>Supplier makes certain attestations on how the tallow is handled and treated.</li> <li>Supplier must list the name(s) and address(es) of all Rendering Facilities.</li> </ul>
	Traceability	<ul style="list-style-type: none"> <li>We will have all related BOL, PTD, and/or weight record information showing the movement of product from the Rendering facility, to the gathering point and from the gathering point to the port of export for all quantities of tallow delivered to Customer.</li> <li>It will show clear title transfer from supplier to you and total record volumes must add up to the volumes received by Customer.</li> </ul>
CARB	CI tracking information	<ul style="list-style-type: none"> <li>We will provide, as requested, distances and modes of transportation, for all volumes delivered.</li> </ul>
	Chain of Custody	<ul style="list-style-type: none"> <li>Similar to Traceability, we will provide records of product shipment(s) from Point of Origin (rendering plant) all the way to Customer's delivery.</li> </ul>
ISCC	Certification	<ul style="list-style-type: none"> <li>If any rendering plant is ISCC certified, we will provide certificates for review.</li> </ul>
USDA & CBP	Inco Terms	<ul style="list-style-type: none"> <li>We will endeavor to secure necessary permitting as required by various US authorities including Animal Plant Health Inspection Service (APHIS), Food Safety and Inspection Services (FSIS), veterinary certificates, and other US Custom &amp; Border Patrol requirements depending upon final Inco Terms included in the supply agreement.</li> </ul>



# AP Value Proposition

- 
- ▶ AP adds value to customers by providing secured, reliable supply of renewable feedstocks through focus on first-mile logistics issues
  - ▶ We aim to enter into long-term supply agreements and grow with our customers as their needs change overtime
  - ▶ Commercial alignment through price and cost transparency anchored on liquid benchmarks
  - ▶ Expansion of sourcing markets will allow for enhanced reliability, and potentially, more competitive prices
  - ▶ Thorough record keeping, traceability, and permitting process will ensure full compliance with regulatory requirements