

Your Trusted Partner For

Plant-Based Ingredient Solutions



We Are LDC.

A leading global merchant and processor of agricultural goods.



170+ years sourcing, transforming & transporting ≈80 million tons of agricultural products each year for customers and consumers around the world.



Our activities span the entire value chain, from farm to fork, across a broad range of business lines in 100+ countries.



Working with a wide range of **trusted**partners from smallholder
farmers to global organizations.



We help to supply 500+ million people each year with high-quality food, feed, fibers & ingredients.







To work toward a safe and sustainable future, contributing to the global effort of providing sustenance for a growing population.

To use our know-how and global reach to bring the right product to the right location, at the right time.

To create fair and sustainable value for the benefit of current and future generations.











Originate & Produce

Sharing our expertise with farmers and producers worldwide, be it through partnerships or our origination network.

Process & Refine

Processing and refining the finest-quality raw materials.

Store & Transport

Efficiently managing movements across the value chain.

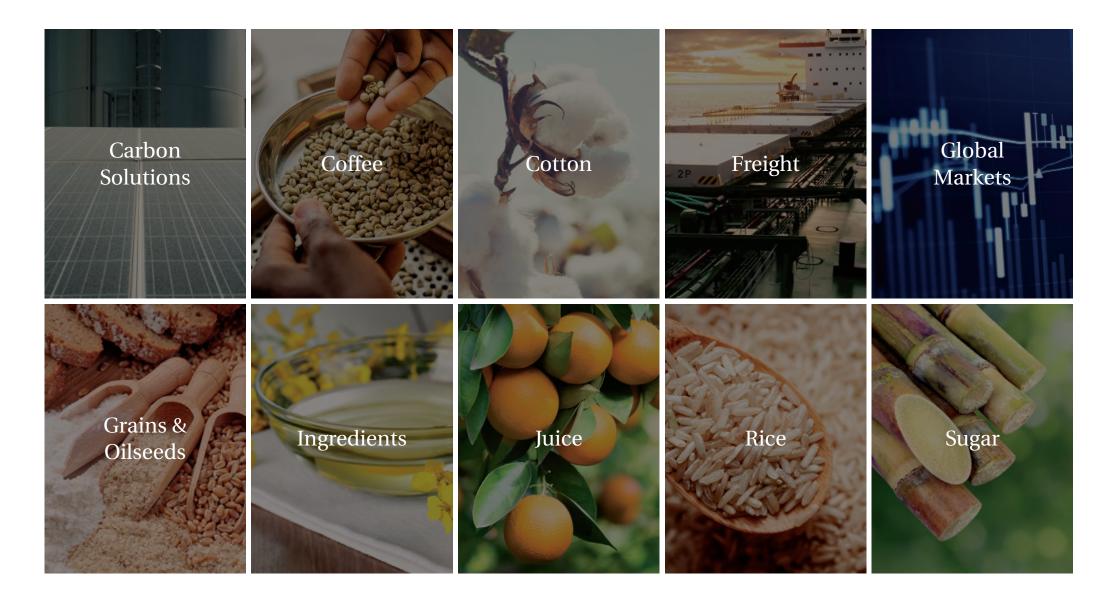
Research & Merchandize

Relying on our market knowledge to ensure responsive supply across platforms and regions.

Customize & Distribute

Supplying products to a range of customers, from multinationals to local customers and end-consumers.

What We Do



Fundamentally Sustainable

Our ambition is to help shape stronger, more resilient and sustainable value chains and food systems.



Environment

We strive to safeguard the natural resources we depend on in our work to help feed and clothe a growing global population.

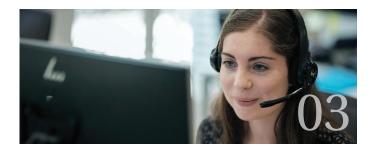
We seek to decrease the environmental impact of our business activities through actions to reduce emissions, water consumption and waste generation in our operations. We also support producers in our global supply chains in transitioning to more sustainable and regenerative farming practices, as part of our work to preserve forests and native vegetation of high conservation value.



Social

We are committed to protecting and investing in the people who work for and with us.

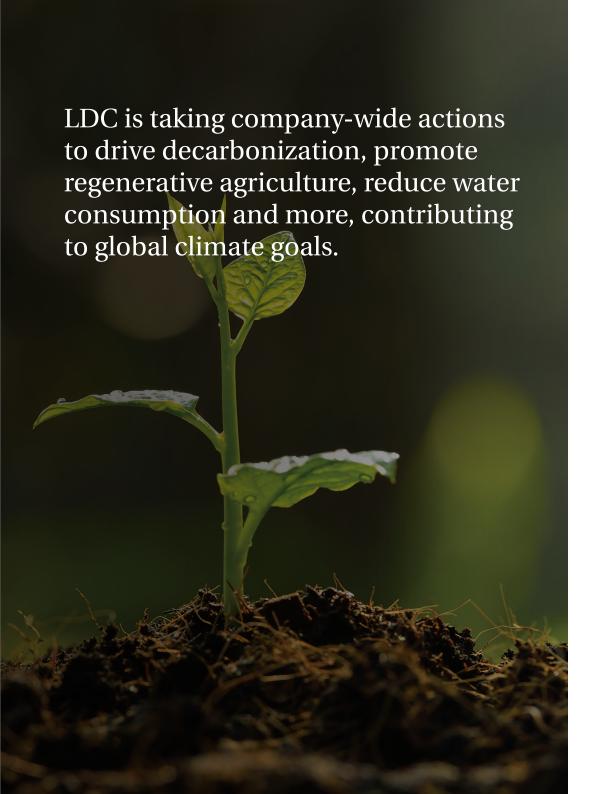
We continually strive to create a safe and inclusive work environment for everyone working for and with us, uphold human rights across our supply chains and forge mutually beneficial partnerships with the communities connected with our business.



Governance

We believe a strong governance framework for corporate decision-making is critical to building and maintaining stakeholder trust.

Guided by our sustainability policies, protocols and codes of conduct, our solid governance framework supports responsible business decisions, enables transparent reporting and ensures accountability to our many stakeholders and business partners.





Our team collectively has over 80 years of experience in climate change mitigation, operational optimization and environmental commodity markets.



Scopes 1, 2, 3

Having measured our Scope 1 & 2 emissions for several years, we are now working with external experts and teams across LDC to measure Scope 3 emissions and set science-based targets to reduce our greenhouse gas footprint.



170+ facilities

Taking steps to reduce our environmental footprint at more than 170 facilities worldwide, and across a multitude of product supply chains.

Why Partner With Us











High-performing ingredients and commitment to quality and food safety standards.

Reliable supply and high production capacity, backed by a global asset footprint.

Traceability through upstream integration in the value chain.

Long-term commitment to creating fair and sustainable value.

Continuous investment in downstream expansions to offer a more diversified portfolio.

Robust Quality Control And Traceability



Our Quality Excellence





We are committed to food safety and a consistent level of quality across all products and assets.



LDC's robust quality programs include both internal and third-party audits.



Our commitment to food safety extends throughout our wide network of strategic partners, from trusted raw material suppliers to logistics providers.



We are actively involved in guiding our partners to embrace safe, healthy and environmentally responsible practices in their operations.

Certifications*:











Ongoing certification plans:

Non-GMO (Food Chain ID)

Cosmos standard (ECO cert)

Ecovadis

^{*}Certifications can differ based on the product line and manufacturing plant.

Product Lines



Plant-Based



Label-Friendly



Versatile Functionality

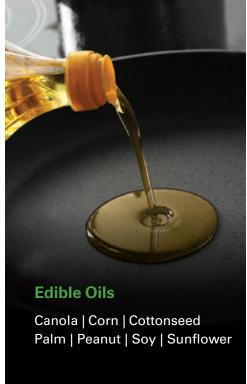


Multiple Feedstocks



Global Availability













Applications by Industry



Semifinished goods for bakery, snacks, bread improvers, baked goods, biscuits, flat breads, wafles, pastries, citrus flavors.



Juices, soft drinks, energy drinks.



Moulded chocolates, compound coatings, fillings, cocoa powder, caramels, gummies, toffees, gum base.



Instant dairy powders, baby formula, ice-creams, cheese.



Spice blender, sauces, soups, pasta.



Plant-based butter, spreads, edible oils, frying oils, antioxidants.



Plant-based drinks, meat, cheese, ice-creams, whipped toppings, frozen desserts.



Dietary supplements, cereal bars, sports nutrition, softgel capsules, phospholipids.



Toothpaste, hair & skin care products, fragrances.



Functional ingredients for aquafeed, poultry, swine, pet food, pet treats, pet hygiene.



Bleach, detergent, softners, aromas.



Leather tanning, paints & lacquers.



From liquid to powder forms, our lecithin is sourced from various botanical origins with different processes available. This versatile, plant-based emulsifier, though plain in flavor, plays a key role in enhancing the taste and texture of everyday meals.

LDC Lecithin Advantages

- Fully integrated plants, providing consitent product quality, reduced food safety concerns, and a reliable supply.
- Kosher and Halal certified.
- GFSI and FSSC 22000 certified (USA, Germany, Netherlands).
- Product available in bulk trucks, ISO's, totes, and drums.
- Large on-site storage capacity enabling short shipment lead times.

Bota	onicals Origin Type Process D		Description		
	Soy	US	Liquid Native	NA	Unadjusted lecithin.
GMO			Liquid	Standardized, Clarified, Bleached, and Refined	Transparent lecithin designed to meet the highest standards in the food, nutrition, and health care industries.
			Liquid	Customized	Customized lecithin COA. It undergoes batch segregation to ensure various parameters, including viscosity and color.
Non-GMO*	Soy	Europe / India	Liquid/Powder	Standardized, Bleached, and Refined	Non-GMO IP lecithin designed to meet the highest standards in the food industry.
		China	Liquid/Powder	Standardized, Clarified, Bleached, and UltraRefined	Non-GMO IP transparent lecithin designed to meet the highest standards in the food, nutrition, and health care industries.
	Rapeseed	Europe	Liquid/Powder	Standardized, Bleached, and Refined	Allergen free lecithin designed to meet the highest standards in the food, nutrition, and baby food industries.
	Sunflower	Sunflower Europe Liquid/Powder		Standardized, Bleached, and Refined	Allergen free lecithin designed to meet the highest standards in the food, nutrition, and baby food industries.

^{*}For more information, please contact global-ingredients@ldc.com

Lecithin Supply







Wittenberg Plant-Germany

Claypool Plant- US

^{*}For more information, please contact global-ingredients@ldc.com

Lecithin's Main Functions



Bakery

- Increases bread volumes and ensures homogeneous structure
- Improves moisture retention for low-fat baked goods
- Enhances dough elasticity, reducing risk of cracks
- Benefits from transparent lecithin for release agents (no impurities)



Cereal Bars

- Increases speed and capacity of production as a lubricant
- Suits low-color glucose syrup production
- Reduces cholesterol levels
- Offers nutritional and clean label benefits



Chocolates

- Stabilizes viscosity and yield value
- Acts as a wetting agent in cocoa powder and instant cocoa drinks
- Improves mouthfeel and prevents oiling-out in fillings and spreads
- Reduces cost-in-use



Dairy

- Increases aeration and overrun
- Enhances structure and firmness of whipped products
- Suits organic and biofood production as natural emulsifiers
- Improves instantization of milk powders



Fats

- Improves crystallization and flavor release
- Helps to avoid the risk of water syneresis in low-fat margarines
- Improves performance as an antioxidant application



Instant Food

- Enhances the dispersion of solids
- Aids in flavor dispersion
- Improves texture and extends shelf-life
- Promotes stability in emulsions oil-in-water and water-in-oil



Plant-Based Food

- Improves moisture retention for better mouthfeel
- Enhances moisturization of high-protein ingredients
- Aids in spattering reduction when frying plant-based burgers
- Improves sliceability, firmness and overall texture



Personal Care & Cosmetics

- Promotes waterproof resistance
- Enhances pigment dispersions
- Provides glossy and volume effects
- Increases skin API's absorption through phospholipids



Feed Applications

- Enhances growth and weight for aqua/poultry/ruminants
- Improves and uniformizes distribution of nutrients in feed pellets
- Offers controlled, modified Lysolecithins (LPC) (oil-in-water emulsions)
- Improves digestion and absorption through fine fat emulsions



Technical Applications

- Enhances the dispersion of pigments
- Prevents nozzle obturation
- Provides premium lubricity and flexibility in leather
- Serves as a natural alternative to formulated agrochemicals



Our edible oils contain various nutrients that are necessary for a healthy diet. They are sourced, transported and refined with expert care, for use in margarines, salad dressings, sauces, fried foods and more.

Botar	nicals	Process	Packaging
	Cottonseed	Crushing, Semi-Refining	Bulk Truck
GMO	RBD Canola	Crushing, Refining, Blending, Antioxidant Dosing	Rail Car, BulkTruck, IBC, CorrugatedTotes, Poly Drum
GIVIO	RBD High Oleic Canola	Crushing, Refining, Blending, Antioxidant Dosing	Rail Car, BulkTruck, IBC, CorrugatedTotes, Poly Drum
	Soy	Crushing, Refining	Bulk, BulkTruck, Bag-in-Box, 0.9L, 18L
	Coconut	Crushing, Refining	Drums, IBC, Isontank
	Corn	Crushing, Refining	1L, 1.25L, 2.5L, 5L, 10L
Non-GMO*	Palm	Refining, Fractionation	1L, 1.25L, 2.5L, 5L, 10L
Non-Givio	Peanut	Crushing	1L, 1.25L, 2.5L, 5L, 10L, Bulk Truck
	Soy	Crushing, Refining	1L, 1.25L, 2.5L, 5L, 10L
	Sunflower	Crushing, Refining	1L, 1.25L, 2.5L, 5L, 10L

^{*}For more information, please contact global-ingredients@ldc.com

Edible Oils Supply







Yorkton Plant-Canada

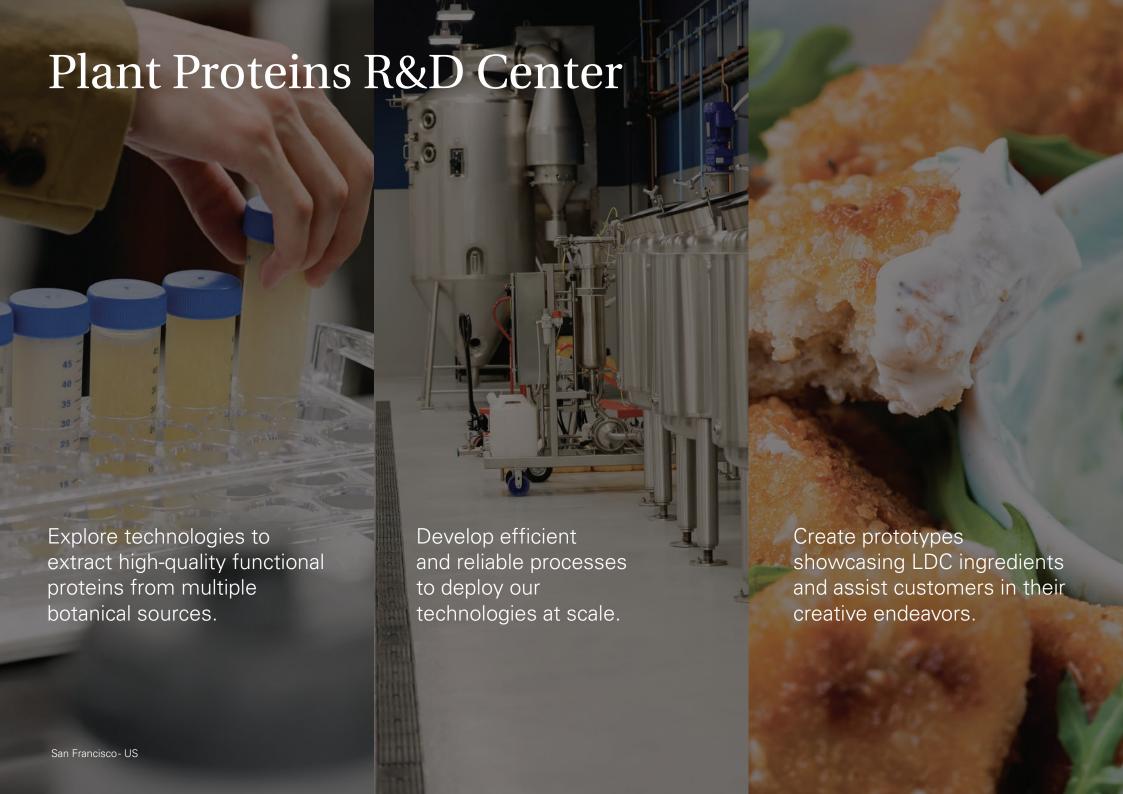
Kandla Plant-India



LDC's high-quality soy and pea protein isolates will enhance the nutrition and/or functionality of a variety of food and beverage applications. This, coupled with our sustainable supply chain and unmatched technical support and performance ensures product reliability you can count on.

Botanicals	Туре	Characteristics
Soy Non-GMO*	Soy Protein Isolate*	 High protein content (≥90% protein) High solubility (>80% protein at pH 7) Creamy mouthfeel Excellent water-holding and good oil-holding capacity (9g and 3g/g protein, respectively) Good foaming and emulsifying properties Good gelling ability Good texturizing ability High nutritional protein quality (PDCAAS 1) Application versatility
Pea	Pea Protein Isolate*	 High protein content (≥ 85% protein) Mild flavor, no typical pea flavor or off-notes Creamy mouthfeel High solubility and dispersion stability Good water- and oil-binding capacity (6g and 3g/g protein, respectively) Good foaming and emulsifying properties Excellent texturizing ability Solvent free Application versatility

^{*}For more information, please contact Global-Plantproteins-Sales@ldc.com





As one of the world's largest citrus processors, we use 100% of the fruit we process to extract high-quality, natural cold-pressed citrus oils and essences, as well as folded oils, fractions and terpenes.

	Orange
Botanicals	Lemon
	Lime
	Extracting
	Concentrating
Process	Filtering
	Fractionating
	Separating
	Oils & Essences
Туре	Folded Oils (5x, 10x, 20x)
1,450	Fractions (Valencene, EthylButyrate 1%, Limonene 98%, others)
	Terpenes
Dackaring	Isotank
Packaging	Drum

Citrus Flavor & Fragrance Ingredients Supply







Bebedouro Plant-Brazil

Monte Belo Farm-Brazil



Sourced from multiple feedstocks, our glycerin benefits from upstream integration for product traceability. Colorless, odorless and with a sweet taste, this humectant has a large variety of applications, from body lotions to granola bars, making everyday life more enjoyable.

LDC Glycerin Advantages

- Fully integrated plants, providing consitent product quality, reduced food safety concerns, and a reliable supply.
- Kosher and Halal certified.
- GFSI and FSSC 2200 certified (USA, Germany, Indonesia).
- Superior logistics with large on-site storage capacity enabling short shipment lead times.
- New palm derived glycerin refinery under construction in Indonesia (commences 2025).

Botai	nicals	Туре	Packaging	
GMO	Soy	USP/EP, Kosher, Halal	Rail Car, BulkTruck, Isotank, IBC, Drum, CorrugatedTotes	
	Rapeseed	USP/EP, Kosher, Halal	BulkTruck, Isotank, IBC, Drum	
Non-GMO*	Coconut	USP/EP, Kosher for Passover, Halal, Organic	Isotank, IBC, Drum	
	Palm (2025 forward)	USP/EP, Kosher for Passover, Halal	BulkTruck, Isotank, IBC, Drum	

^{*}For more information, please contact global-ingredients@ldc.com

Glycerin Supply







Claypool Plant- US

Lampung Plant-Indonesia

Specialty Feed Protein

Our specialty feed ingredients developed from cutting-edge biotechnology are meticulously designed to promote optimal growth, development and health in animals, ensuring efficient nutrient utilization and conversion.

Botanicals	Process	Туре	Packaging
Soy GMO	Fermentation	Fermented Soybean Meal	40 kg bag, 1 MT bag

Specialty Feed Protein Supply











Dongguan Pilot Plant-China

Shanghai R&D Center-China

Shanghai R&D Center-China

Shanghai R&D Center-China

Specialty Feed Protein's Main Functions



Piglet

- Offers more digestible crude protein
- Promotes gut health, as it is rich in organic acids
- Improves the palatability of feed
- Reduces piglet diarrhea rate/ mortality



Aquaculture

- Substitutes fishmeal
- Offers better digestibility of crude protein
- Increases water-holding capacity of aqua feed
- Promotes less disease outbreaks



Pet Food

- Serves as an alternative protein resource
- Less antigens or even antigen free
- Improves the palatability of pet food



Layer

- Offers more digestible crude protein
- Improves egg yield
- Improves egg quality: clean egg, less pathogen contamination in egg

Unlocking Opportunities Together





We are looking forward to embark on a journey toward sustainable growth while effectively addressing our customers' needs.



Our focus is on **creating value** for all stakeholders, with **end-consumers at** the center.



We foster a **collaborative mindset** to strengthen our relationships.



We are **open-minded** to all aspects of relationship development.



Contact

global-ingredients@ldc.com



www.ldc.com