

NASPON

North American Sustainable
Palm Oil Network

Working collaboratively to find industrywide
solutions to secure certified sustainable palm oil.



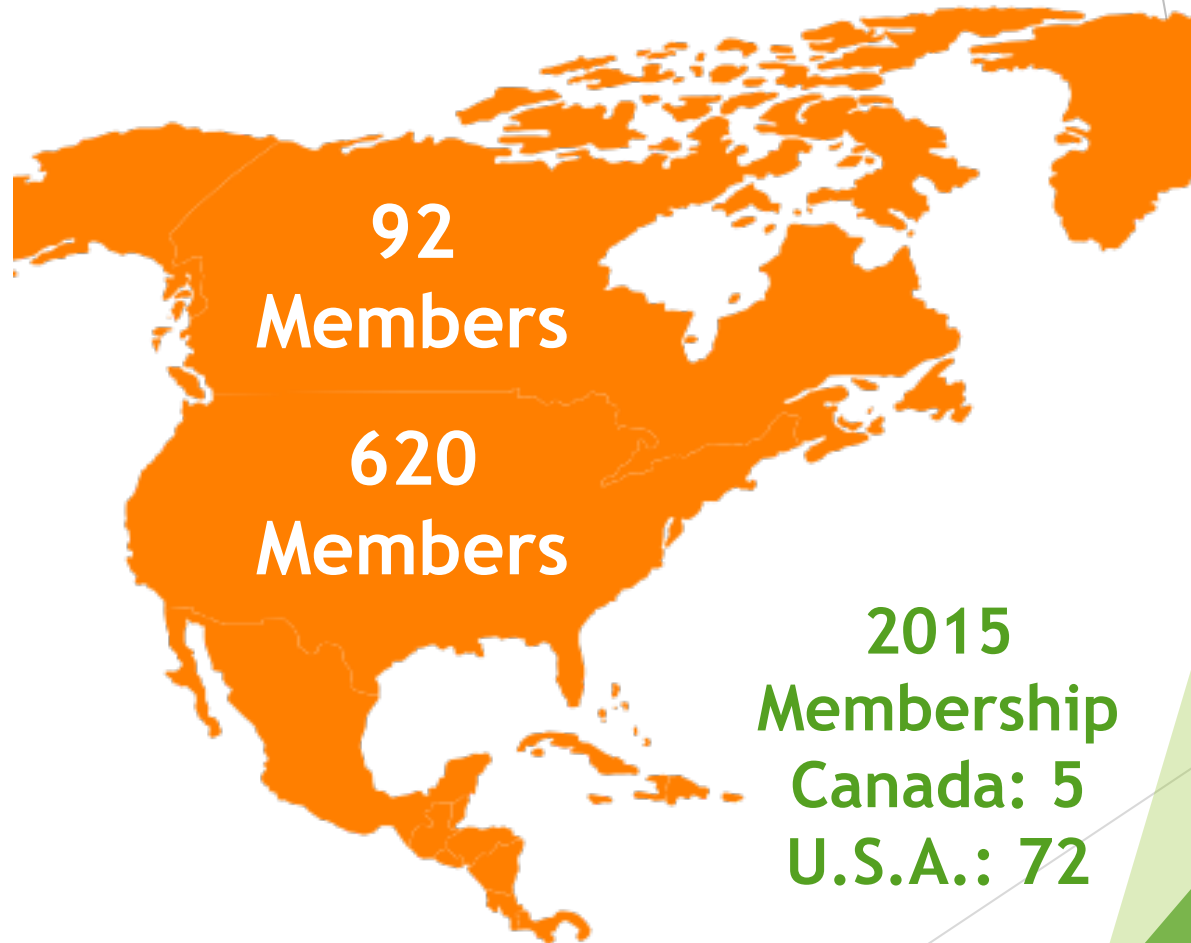
Current NASPON Members (42 total)

Founded in 2017 with a focus on turning North America into a 100% CSPO market

- ▶ AAK
- ▶ AgroAmerica
- ▶ Ahold Delhaize (Retail Business Services)
- ▶ Albertsons Companies
- ▶ Aldi
- ▶ BM Trada
- ▶ Bradford Soap
- ▶ Brill, A CSM Bakery Solutions Company
- ▶ Bunge Limited
- ▶ Campbell's Soup Company
- ▶ Cargill
- ▶ Colgate
- ▶ Conservation International
- ▶ Control Union
- ▶ Corbion
- ▶ Daabon Group
- ▶ Danone North America
- ▶ Dunkin' Brands
- ▶ Estee Lauder
- ▶ Fuji Oils
- ▶ GAR USA (formerly Victory Tropical Oils)
- ▶ Grupo Bimbo
- ▶ Hershey
- ▶ International Flavors & Fragrances
- ▶ Kellogg
- ▶ Kraft Heinz
- ▶ Mars
- ▶ Oleopalma
- ▶ PepsiCo
- ▶ Perrigo
- ▶ Preferred by Nature (Formerly NEPCon)
- ▶ Rainforest Alliance
- ▶ Rich Products Corporation
- ▶ Restaurant Brands International (RBI)
- ▶ RSPO
- ▶ SCS Global Services
- ▶ Seventh Generation
- ▶ Sime Darby Oils
- ▶ Sysco
- ▶ Target
- ▶ Ventura Foods
- ▶ Woodland Park Zoo

North American Market - Challenges and Updates

- ▶ U.S. now the largest country by RSPO membership
- ▶ Fast growing rate of Supply Chain Certification
- ▶ Drivers:
 - ▶ Trans fat bans
 - ▶ 2020 deadlines
 - ▶ Supply chain certification
 - ▶ Stakeholder pressure
 - ▶ Service oriented approach from RSPO
 - ▶ NASPON



NASPON Tools

- ▶ Launched at U.N. Climate Week (New York) 2020
- ▶ Widely used through our www.NASPONGroup.org website
- ▶ Designed to be applicable for MNCs to use outside of the North America market

The graphic features a background of a city skyline at dusk with the Empire State Building. A central circular area contains the event details. To the left, a 'MEET THE SPEAKERS' section lists three individuals with their photos and titles. The bottom left corner has the 'CLIMATE WEEK NYC 2020' logo.

MEET THE SPEAKERS

- Sarah Herbst**
Procurement
Corporate Social
Compliance Manager
Perrigo
- Margaret Walsh**
Senior Scientist
Corbion
- Cameron Plese**
US Representative
Roundtable on
Sustainable Palm Oil

The North American Sustainable Palm Oil Network (NASPON) is proud to join Climate Week 2020 to present:

Tools for Sustainable Palm Oil Sourcing

Tuesday, September 22nd
11:00am – 12:00pm Eastern Time
GoToWebinar

CLIMATE WEEK NYC 2020
By CLIMATE GROUP

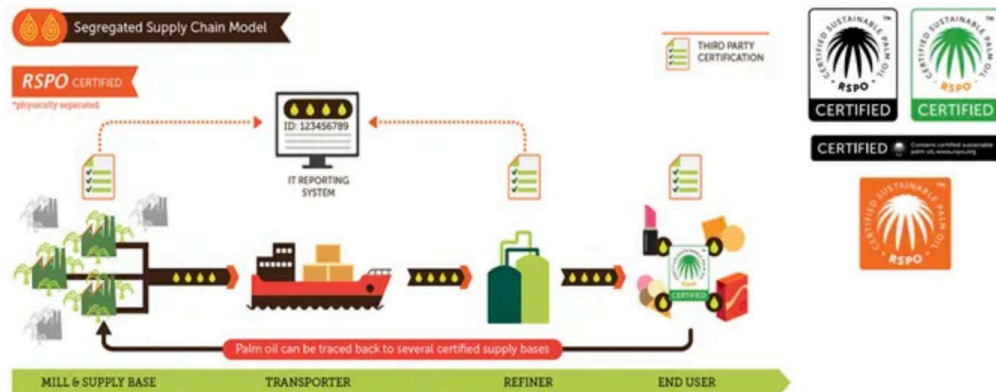
Segregated Supply and Uptake

Why Segregated (SG)?

Introduction to the RSPO Segregated (SG) supply chain:

The Segregated (SG) supply chain model assures that RSPO certified oil palm products delivered to the end user come only from IP certified mills. It permits the mixing of RSPO certified oil palm products from a variety of certified sources, but the oil palm products that are mixed are always RSPO certified, meaning the end product containing SG certified palm oil is 100% Certified with no mixing of conventional, non-certified palm oil and any stage of the supply chain.

The Segregated approach requires that RSPO certified oil palm products are kept separate from non-RSPO certified oil palm products at every stage of production throughout the supply chain, from the growers, to processing, to refining, and all the way to the manufacturing of the finished product. This model allows mixing of any RSPO IP and/or SG certified oil palm products from various certified sources. Physical certified oil palm products delivered to the end user will be traceable to a list of RSPO certified mills. As detailed below, each RSPO certified supply chain has different ways of benefiting communities, the environment, and sustainable supply chains. Below are just a few of the examples that the NASPON Segregated Supply and Uptake Working Group has identified that the segregated supply chain can provide some benefits.



Segregated Supply and Uptake

Benefits of the RSPO SG Supply Chain

First, it is important to note that all of the RSPO Certified Sustainable Palm Oil supply chains (Identity Preserved, Segregated, Mass Balance, and Book and Claim) provide positive impacts and contributions to communities and the environment. The flexibility provided through the four supply chains helps to ensure all actors, such as smallholders, are included in these benefits. For example, in countries where oil palm is grown by mostly smallholders, establishing a segregated supply chain presents unique challenges due to needing each smallholder supply to a mill to be certified to maintain the segregated supply chain. This could risk leaving many smallholders out, which could have negative impacts on communities. Conversely, with the mass balance supply chain, certified smallholders can mix their fresh fruit bunches with other smallholders still working to achieve certification while maintaining the certified mass balance supply chain, ensuring benefits are still more largely shared. Additionally, in developing markets, the proper infrastructure may be lacking to maintain a supply chain that provides the proper separation all the way through to the manufacturing of the finished good, further highlighting the importance of multiple certified supply chain options.

Therefore, it is important to identify what your goal or mission is when determining which certified sustainable supply chain is best for your organization. While all of the supply chains offer benefits to communities, the environment, and oil palm growers, the segregated supply chain does offer some unique benefits

+ Assurance

+ Traceability

+ Trademark

+ Meeting Policies

+ Reputation

Segregated Supply and Uptake

Frequently Asked Questions about Segregated Supply and Demand

+ [Why is a lot of SG downgraded?](#)

+ [Is there capacity to supply more SG if large actors ask for it?](#)

+ [Is increased supply dependent upon increased demand?](#)

+ [Segregated Uptake](#)

+ [Biggest Challenge to Supplying More Segregated Material in North America](#)

+ [Desire to Build Additional Infrastructure for Segregated Material in North America](#)

+ [NASPON's Opinion of the Survey Results](#)

NASPONS Outlook Going Forward

As we observed from the 2019 survey results ([insert link to survey](#)), there is a disconnect between the upstream (suppliers) and downstream (manufacturers, consumer goods companies, etc.). The global supply for SG is well established, and the demand in North America is increasing. However, to establish a more robust SG supply chain in North America, actors across the supply chain need to work together in partnership to share the costs to establish the needed infrastructure to maintain the chain of custody for SG.

Additionally, it is important to reflect on what the overall goal for your organization is when deciding which supply chain is best for

Segregated Supply and Uptake

NASPON Home Who We Are Working Groups Resources Contact Updates

To navigate the map, please click on the box in the top left to filter the results shown on the map and to view the map legend.
Clicking on pinned locations will reveal additional information about the certified facility.

← Fuji Vegetable Oil, Inc **Preserved (IP) Facilities in North America**

Member Name
Fuji Vegetable Oil, Inc

Member Country
UNITED STATES

RSPQ Member Number
2-0009-04-000-00

Type Of Business
Refinery

Issued by
Control Union Certifications B.V.


License ID
CB91847

Start Date
20-09-2019

End Date
19-09-2020

Status
Active

Site Name & Address



Standardized Vendor Survey

	B	C	D	E	F	G	H
2	Company Details						
3	Company name						
4	Company address						
5							
6							
7	Your name						
8	Your phone number						
9	Your email address						
10	Did your company supply [input brand name here] with any product containing palm oil, palm kernel oil, palm oil derived ingredients, or palm kernel oil derived ingredients during the time frame of ____ to ____?	Yes/No If "NO", ensure that this is answered along with the above information and submit your survey. No other information is needed).					
11	Does your company have a policy on sustainable palm oil? If yes, please provide the link to the policy or a digital copy.	Yes/No Link to policy					
12	Is your company a member of the RSPO (Roundtable on Sustainable Palm Oil)? If yes, please list the name it's registered as and provide your member number.	Yes/No Name Member Number					
13	Is your company a distributor?	If "Yes", do you have an RSPO Distributors License?					
14	NOTE: For the purposes of RSPO supply chain certification, distributors and wholesalers take legal ownership, store and sell products to their customer bases, but DO NOT unpack, repack or relabel those products at any stage.	If "NO", please fill out the section below					
15	Facility/factory names, addresses, location IDs if applicable	Facility/factory Name	Facility/factory Address	[input brand name] location ID	Is this facility/factory supply chain certified by the RSPO? (yes/no)	If yes, for which supply chain model(s) is this facility/factory certified? (Mass Balance, Segregated, Identity Preserved)	If yes, provide certification number (found on RSPO certificate)
16	List all facilities/factories that produce products for both your company's own-brand products and in products produced by your company for third-party brands that contain palm oil, palm kernel oil, or derivatives						
17							
18							
19							
20							

Introduction | Company Details | Palm Oil Volumes | Ingredients and Importers | +

Standardized Vendor Survey

	B	C	D	E	F
1					
2	Palm Oil Volumes				
3	*This section requires you to list your company's own-brand products and/or in products produced by your company for third-party brands that contain palm oil (including fractions and derivatives), palm kernel oil (including fractions and derivatives), and unspecified materials that are known to be derived from palm (including fractions and derivatives).				
4	[input brands product identification code] of product supplied to between (pre-determined time frame i.e. January 1, 2019 and June 30, 2019) that contained palm oil material*	Item description	Name of ingredient containing palm oil <i>If you purchase multiple ingredients for making the same product, please list each ingredient in a separate row See tab "Ingredients and Importers" for list of common ingredients</i>	Name of supplier of ingredient <i>The name of the company that ingredient in column D was purchased from</i>	Name of importer of ingredient <i>See tab "Ingredients and Importers" for list of common importers</i>
5					
6	111-22-3333	Example 1) Cookies - Chocolate Chip	Chocolate chip containing Palm Stearine	ABC Baking company	Cargill
7	111-22-3333	Example 2) Cookies - Chocolate Chip	Palm Shortening	XYZ Food company	ADM
8	777-88-9999	Example 3) Cupcake - Peanut butter	Bakery fat	XYZ Food company	ADM
9					
10					
11					
12					
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14					
15					
16					
17					
18					
19					
20					
21					

◀ ▶ Introduction Company Details **Palm Oil Volumes** Ingredients and Importers +

The Derivatives List



Component / Derivative Name	Synonyms	Primary Oleoderivative, Secondary Oleoderivative, or Unknown	Category (if known)	Source (Palm only, Could be other)	Comments
1,2-Octanediol	Caprylyl Glycol				
1,2-Octyleneglycol					
100 Cetyl/Stearyl Ether					
2-Ethylhexanol			Plasticizer, Coatings, Adhesives		
2-Ethylhexyl Cocoate					
2-Ethylhexyl Palmitate	EHP		Solvent		
2-Ethylhexyl Stearate	EHS		Lubricant, Surfactant		
Acetic and Fatty Acid Esters of Glycerol	E472a	Secondary Oleochemical	Emulsifiers	Could be other	
Acetylated Glycol Stearate					
Acetylated Lanolin Alcohol					
Acetylated Monoglycerides					
Acrylates/Palmeth-25					
AHCOHOL Fatty Alcohols					
Alcohol C16					
Alcohol C18					
Alcohol Ether Sulfates			Surfactant		
Alcohol Ethoxylates			Surfactant		
Alcohol Sulfates			Surfactant		
Aldehyde C12 Lauric					
Alkyl Alcohol Aluminium Stearate					
Alkyl Ether Sulfate					
Alkylamidopropyl Betaine					

The Derivatives List

Component / Derivative Name	Synonyms	Primary Oleoderivative, Secondary Oleoderivative, or Unknown	Category (if known)	Source (Palm only, Could be other)	Comments
Acetylated Monoglycerides					
Capric Triglyceride					
Caprylic Triglyceride					
Caprylic/Capric/Stearic Triglyceride		Secondary Oleochemical			
Cetyltrimethylammonium Chloride Caprylic/Capric Triglyceride			Emollient, Thinning Agent, Solvent	Could be other	
Citric Acid Esters of Mono- and Diglycerides of Fatty Acids	CITREM, E472c	Secondary Oleochemical	Emulsifier	Could be other	
Diacetyl Tartaric Acid Esters of Mono- and Diglycerides of Fatty Acids	DATEM, E472e	Secondary Oleochemical	Emulsifiers	Could be other	
Distilled Monoglycerides	E471	Secondary Oleochemical	Surfactant, Emulsifier		
Ethoxylated Mono- and Diglycerides	EMG	Secondary Oleochemical	Emulsifier		
Hydrogenated Palm Glycerides					
Mono- and diacetyl tartaric acid esters of mono- and diglycerides of fatty acids (DATEM)	E472e	Secondary Oleochemical	Emulsifier		
Mono- and Diglycerides of Fatty Acids	E471, Glycerol Esters (mono-, di-, and triglycerides), Glycerol Monooleate, Glycerol Monoolein, Glycerol Monopalmitate, Glycerol Monopalmitin, Glycerol Monostearate, Glycerol Monostearin, GMS (for glycerol monostearate), Vegetable mono diglycerides	Secondary Oleochemical	Glycerides, emulsifier, polymer additives, cosmetic and personal care applications	Could be other	
Monoglyceride citrate					
PEG-6 Caprylic/Capric Glycerides					
Sorbitan Monoglycerides		Secondary Oleochemical	Emulsifier	Could be other	
Succinylated Monoglycerides					
Sucroglycerides	E474	Secondary Oleochemical	Emulsifier		
Tartaric Acid Esters of Mono- and Diglycerides of Fatty Acids	E472d	Secondary Oleochemical	Emulsifier	Could be other	

Component / Derivative Name

Sort

A ↓ Ascending Z ↓ Descending

By color: None

Filter

By color: None

Choose One

Q Glyceride

- (Select All Search Results)
- Acetylated Monoglycerides
- Capric Triglyceride
- Caprylic Triglyceride
- Caprylic/Capric/Stearic Trigly
- Cetyltrimethylammonium Chl
- Citric Acid Esters of Mono- ai
- Diacetyl Tartaric Acid Esters

Clear Filter

The Derivatives List



Component / Derivative Name	Category (if known)	Source (Palm only, Could be other)	Comments
Acrylated Palm Oil			
Cocoa butter equivalent (CBE)		Could be other	
Cocoa butter substitute (CBE)		Could be other	
Distilled Palm Kernel (DPK)			
Fractionated Palm Kernel Oil			
Fractionated Palm Oil			
Hydrogenated Refined Palm Oil	Trans Fats	Palm only	clarification: fully hydrogenated refined palm oil would not be a major source of trans fats.
Hydrogenated Refined Palm Stearine	Trans Fats		clarification: fully hydrogenated palm stearine would not be a major source of trans fats.
IE palm (interesterified)	Alternative to trans fats/hydrogenated oils	Palm only	Some manufacturers may interesterify palm oils with other oils to achieve a desired functionality.
Organic Palm Kernel Oil			
Palm Fruit Oil		Palm only	
Palm Kernel		Palm only	
Palm Kernel Fatty Acid			
Palm Kernel Oil		Palm only	
Palm mid fraction		Palm only	
Palm Oil		Palm only	
Palm Olein	Liquid Palm Oil, feedstock for various oleochemicals	Palm only	This would describe a fractionated palm oil with distinct chemical properties from RBD palm.
Palm Stearine	Solid Fraction of Palm Oil, feedstock for various oleochemicals	Palm only	This would describe a fractionated palm oil with distinct chemical properties from RBD palm.
Partially hydrogenated Palm Kernel Oil			
Partially Hydrogenated palm oil	Trans Fats	Palm only	clarification: fully hydrogenated palm oil would not be a major source of trans fats.
RBD palm oil (refined, bleached, deodorized)	Cooking Oil, feedstock for various oleochemicals	Palm only	
Tristearin		Could be other	
Vegetable Fat	Polyunsaturated Fats	Could be other	
Vegetable Oil	Cooking Oils	Could be other	
Distilled Palm Oil Partially Hardened		Solvent, Surfactant	

Questions?