



Transparency in our Supply Chains

Our [Natural Raw Material Sourcing Policy](#) outlines the requirements that we set our suppliers. These are focused on ensuring:

- **zero deforestation – We are committed to eliminating deforestation by 2020**
- **zero development on peatlands (of any depth)**
- **zero exploitation of workers or communities**
- **being transparent on our requirements and progress with implementation**

Supplier compliance with our No Deforestation, Peatland development or Exploitation (NDPE) policy, relating to production and processing operations inside and outside of our direct supply chains, is a contractual obligation of utmost importance to us.

Palm Oil

Palm oil is a globally traded commodity, characterised by poor visibility over the different stages of its production, from growing through to processing and refining. A first key step in responsible sourcing of palm supply is identifying where our physical supplies of palm oil derivatives come from so that we can then assess compliance of these sources against our NDPE policy.

To better understand the challenges in our supply chains and take action where it is most effective, we work with our suppliers to ensure full visibility of our supplier's production landscapes.

The first step in this process is to ensure we understand the total number of palm oil processing mills that ultimately supply our supplier refineries. These are facilities that take fresh fruit bunches (FFB) from smallholder farmers and plantations and process that into the crude palm oil (CPO) used by refineries. We work with our suppliers and Earthworm to determine the geographic locations of these mills, which are almost exclusively based in Malaysia and Indonesia. A full list of these mills can be found [here](#).

In 2019 we will use mill location data to assess deforestation trends in the local vicinity, using satellite monitoring of forest cover change. This will be provided through the Starling programme, a partnership between Earthworm Foundation and Airbus. More details on this can be found [here](#).

12 suppliers supply us with palm oil derivatives of various types, which make up the bulk of our palm oil consumption. These are listed below:

- **AAK**
- **Cargill**
- **GrainCorp**
- **IOI**
- **Jocil**
- **KLK**
- **Musim Mas**
- **Nimir**



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- **Raj Industries**
- **Royal Cosmetic**
- **Stratas**
- **Wilmar**

These suppliers supply products to us through refineries listed below:

Supplier	Direct Refineries in RB supply chain	Address
Adani Wilmar	Adani Wilmar Mundra	Post Box No.2, Village: Dhruh, Taluka Mundra 370421, District Kutch, Gujarat, India
Cargill	West Port Refinery	Cargill Palm Products Sdn Bhd, Precinct 8, Jalan FZ1-P8, Port Klang Free Zone/ KS 12, 42920 Pulau Indah, Selangor, Malaysia
Grain Corp	West Footscray, Australia	1 Roberts Street, West Footscray, VIC 3012, Australia
IOI Oleo	IOI Pan Century Sdn Bhd, Malaysia	Lot 231, Jalan Timah 3, Pasir Gudang Industrial Estate, 81700, Pasir Gudang, Johor, Malaysia
	IOI Oleochemicals Prai Sdn Bhd, Malaysia	2411, Lorong Perusahaan Satu, Prai Industrial Complex, 13600 Prai, Penang, Malaysia
KLK Oleo	Palm-Oleo (Klang) Sdn Bhd, Malaysia	Lot 1 & Bukit Raja Industrial Estate, 2, Solok Waja 3, Taman Perindustrian Bukit Raja, 41050 Klang, Selangor, Malaysia
	KSP Manufacturing Sdn Bhd, Malaysia	Jalan KPK 1/7, 48020 Gombak, Selangor, Malaysia
Musim Mas	Belawan, Indonesia	Jl. Sulawesi, Kawasan Pelabuhan Belawan, Belawan I, 20411 Medan, Sumatera Utara, Indonesia
Nimir (Pakistan)	Nimir Industrial Chemicals Limited	Jalan Raya Lubuk Gaung, Kelurahan Lubuk Gaung, Kecamatan Sei Sembilan, 28826, Riau
Oleofinos	Planta Chinameca/Planta Zapopan	Ignacio Manuel Altamirano No.219 Col. Maseca/Francisco Montejano Palacios No. 25, Mexico
Raj Industries	Raj Industries	Village Bellideyore, Tehsil Nalagarh, District Solan (H.P.) Post Code 174101.
Royal Chemicals	Royal Chemicals, Egypt	Industrial Area at 7km Port Said, Ismailia High Way, Port Said, Egypt
Wilmar International	PT Wilmar Nabati Indonesia, Gresik	Jl. Kapten Darmo Sugondo No-56, Kel. Indro, Kec Kebomas, Kab Gresik, East Jawa, 61124, Indonesia
	Wilmar Oleochemicals (Dongguan).Co.,Ltd	Machong Xinsha Industrial Zone, Dongguan, Guangdong, China
	PGEO Edible Oils Sdn Bhd, Pasir Gudang	PLO 338, Jalan Tembaga 2, Kawasan Perindustrian, Pasir
	PGEO Edible Oils Sdn Bhd, Pasir Gudang	Gudang 81707, Pasir Gudang, Johor Darul Takzim, Malaysia

In total, these refineries supply a total palm oil volume of 172,428 tonnes but process many times that volume for customers around the world.



In total, Earthworm and our suppliers have calculated that 1,598 FFB processing mills supply the refineries in our supply chains. In order to ensure responsibility in our supply chain we work with our suppliers through 3 distinct programme areas:

- Traceability and Transparency**
 FFB mills in our supply chains are mapped against deforestation and ecosystem change, using satellite monitoring. Our work with suppliers further assesses compliance and identifies challenges
- Industry and multi stakeholder-level change**
 We invest in programmes to bring change to the palm oil industries in Malaysia and Indonesia at scale. This includes work to ensure the ethical recruitment of migrant labour in Malaysia and Indonesia, through support for industry-level dialogues, including with government, workers and relevant NGOs. We also invest in initiatives that bring together representatives of civil society, companies and producers in order to develop comprehensive land use plans across wider production landscapes containing many refineries owned by a range of companies.
- Direct intervention**
 We support efforts to directly engage specific stakeholders in our indirect supply chains, working with our suppliers to ensure that these interventions are properly targeted, can be scaled up and inform wider efforts to bring change. Examples include our support for the Rurality programme to improve livelihoods through better agricultural practices and diversification of incomes and work with the PT AMB Mill, which supplies the Gresik refinery (see above), to improve operating procedures and policy to ensure better labour practices.

Details of the above programmes can be found [here](#).

Paper and Board

We have set targets to ensure that 100% of the paper and board we use will be either certified to FSC or PEFC standards or be recycled by 2020. In addition, we are working with our suppliers to ensure the full traceability of their supply chains, based on credible third-party certification. In 2018 we achieved 90.5% of the certification and recycled target to date (excluding co-packers). Further details can be found [here](#).

We use c.300,000 metric tonnes of paper and board in our global manufacturing operations annually. We source these materials from a range of suppliers across these markets for our own manufacturing operations. These are listed below:

Supplier/ Factory	Location
Accupak Pvt Ltd	India
ACME - Hatboro, PA	USA
AL-Rahim Packages&Printers(Pvt.Ltd)	Pakistan
Antu Packaging- Zhongshan	China
Artivinco	Brazil
Asa Container Company Limited	Thailand
Baofeng+SHENZHEN	China
Beijing Shengtong Packaging Co.Ltd	China
Bohui Paper-Keerun,Guangzhou	China
Borkar	India
Borkar packaging Pvt Ltd- Daman	India
Borkar packaging Pvt Ltd- Goa	India



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Borkar packaging Pvt ltd- Nalagarh	India
BPM pack	Malaysia
Bulleh Shah Packaging	Pakistan
Cartonajes Petit / Embalajes Petit	Spain
Color Optics, NJ	USA
Congraf	Brasil
Congraf - São Bernardo	Brazil
Corrugados De Baja California (AKA,. Smurfit Kappa North America)	Mexico
Corruseal Corrugated	South Africa
DAEHUNG CO LTD	Korea
Dayamer Packages Pvt. Ltd.,	Pakistan
DITSORN CONTAINERS CO., LTD.	Thailand
Dongguan Minghai Packaging Co. Ltd.	China
Dongguan zhongtang wanlong paper products factory	China
DS Smith - Toscana Ondulati	Italy
DS Smith Barcelona	Spain
DS Smith Burscough	UK
DS Smith Devizes	UK
DS Smith Eerbeek	Netherlands
DS Smith Galicia	Spain
DS SMITH Hövelhof	Germany
DS Smith Kielce	Poland
DS Smith Kunheim	France
DS Smith Nagykata	Hungary
DS Smith St Just en Chaussée	France
DUKSU INDUSTRIAL-AP	Korea
Edelmann	Hungary
EPG	Italy
Essentra	UK
ESSENTRA / CLOND, NJ	USA
First Treet Manufacturing Modarba+Packaging Solution	Pakistan
Georgia Pacific - Mt Olive	USA
Georgia Pacific - Richmond	USA
Good year printing - Longhua, Shenzhen	China
Graphic Packaging International	USA
GuangDong Ideal Color Printing Co., Ltd.	China
Guide Offset	India
Hammer	Poland
Haochen-Dongguan	China
Harta	Malaysia
Horizon Packs Pvt.Ltd. (Uttaranchal)	India
Horizon Packs Pvt.Ltd.(Bangalore)	India



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Hung Hing - Zhongshan, GD	China
HWASUNG SILUP	Korea
Ibratec - Jundiaí	Brazil
International Paper - Bowling Green, KY	USA
International Paper - Indianapolis Retail	USA
International Paper - Three Rivers, MI	USA
International Paper- Bedford Park, IL	USA
International Paper- Belleville, IL	USA
International Paper- Carol Stream, IL	USA
International Paper- Conway, AR	USA
International Paper- Fenton, MO	USA
International Paper- Fond Du Lac, WI	USA
International Paper- Indianapolis, IN	USA
International Paper- Lancaster, PA	USA
International Paper- Manitowoc, WI	USA
International Paper- Milltown, NJ	USA
International Paper- Mt. Carmel, PA	USA
International Paper- Rockford, IL	USA
International Paper- Spotswood, NJ	USA
International Paper- Thorofare, NJ	USA
Jia tengxin packaging limited company	China
Jingchen-Shenzhen	China
Jingzhou Hui Xing Packaging Material Co.,Ltd	China
Klabin - DI / TP	Brazil
Klabin SA	Brasil
KOREA EXPORT PACKAGING	Korea
Kuan Yuan Paper Mfg. Co., Ltd.	Taiwan
KYUNGNAM PAPER BOARD INDCOLTD-	Korea
Lanbowan-Zhongshan	China
MAIN ST. PACKAGING	USA
MEADPAKING KOREA INC	Korea
Medica	UK
Meerut Packaging	India
Meghdoot corrugators	India
Meghdoot Packaging (Uttaranchal)	India
MMP	Austria
Monad	India
Mondi Warszawa-Mszczonów	Polska
MPACT - SPRINGS & BRAK PAN	South Africa
MPS	UK
Nilpel	Brazil
Olegario Fernandes	Portugal
Olympak, MA	USA
Pacific Millennium Packaging Corp	China



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Packages Limited (Bleached Borad)	Pakistan
Packages Limited (Grey Back)	Pakistan
Packaging Corporation of America	USA
Packdruck	Poland
Paperdreams	India
Parksons Packaging Ltd	India
PCA Point of Purchase Division, New Oxford, PA	USA
Penha	Brazil
PRINTING SOLUTION CO., LTD.	Thailand
Pro Pack International Co Ltd	Thailand
PT. Bahana Buana Box	Indonesia
PT. Paramitha Asriraya	Indonesia
PT. Rapipack Asritama	Indonesia
PT. Tristar Makmur Kartonindo	Indonesia
Qingdao Haience Packing Co.Ltd	China
Qingdao Haience Packing Co.Ltd	China
Qingdao Leigh-Mardon Packaging Co.Ltd	China
Qingdao Xianjunlong Color Printing Co., Ltd	China
Qingdao Xianjunlong Color Printing Co., Ltd	China
Qingdao Xingda printing limited Company	China
Rapipack	Indonesia
Reckitt Benckisser Tatabanya	Hungary
RIEN THONG PRINTING (KIM PAI)CO.,LTD	Thailand
Right Corrugated Containers	South Africa
Rigid Containers Ltd (Selby)	UK
Rohrer Corporation, AZ	USA
Sai	India
Sai Packaging	India
Saica	Spain
Saica Pack Amposta	Spain
Saica Pack Barcelona	Spain
Saica Pack Ellesmere Port	England
Saica Pack Hartlepool	England
Saica Pack Lisboa	Portugal
Saica Pack Peterlee	England
Saica Pack Turkey	Turkey
Saica Pack Wigan	England
SALEE PRINTING CO., PLC.	Thailand
Sandra S.p.A.	IT
Satya Packaging	India
SCG Packaging (thru United Pulp & Paper Co., Inc.)	Thailand
Shandong Luxin Tianyi Packaging Co.Ltd	China
Shanghai Zidan Printing Co.,Ltd	China
Shanghai Zidan Printing Co.,Ltd	China



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Shenzhen Hengxing paper products Co., Ltd.- Shenzhen City	China
SHENZHEN GOODYEAR PRINTING CO.,LTD	China
Shukra Packaging	India
Shukra packaging,satya packaging	India
Shun Chang - Foshan, GD	China
SINIL, TJN	MEXICO
SIPM	India
SIPM	India
Smurfit Kappa - Canovelles	Spain
SMURFIT KAPPA + SMURFIT KAPPA VERNON	France
Smurfit Kappa Drezdenko	Poland
Smurfit Kappa Konin	Poland
Smurfit Kappa Pruskow	Poland
Smurfit Kappa St. Petersburg	Russia
Smurfit Kappa Südwest	Germany
Smurfit Kappa Südwest	Germany
Smurfit Kappa Südwest	Germany
Smurfit Kappa Warsaw	Poland
Smurfit Stone- Dongguan, GD	China
South Gain - Zhongshan, GD	China
STI	Hungary
Sunshine Press(1994) Co.,Ltd.	Thailand
TAILIM PACKAGIN INDUSTRIAL COL	Korea
TFP. Sp. z.o.o. Kornik	Poland
THAI CONTAINERS GROUP CO., LTD.	Thailand
Thai Containers Group Co.,Ltd	Thailand
TPN PACKAGING CO., LTD.	Thailand
United box manufacturers(Pvt) Ltd	Pakistan
V-INTER SUPPLY CO., LTD.	Thailand
VPK Packaging	Romania
West Rock	Brazil
Westrock - Columbus	USA
WestRock - Conway	USA
WestRock - Dayton	USA
WestRock - Harrison	USA
Westrock - Mishawaka	USA
Westrock - Mississauga	USA
WestRock - Montreal	USA
Westrock + SHEN ZHEN XIAN JUN LONG COLOUR PRINTING CO., LTD NO.56,ShiLong road,Shuitian ,Shiyan ,Baoan,Shenzhen	China
WestRock- Harrison	USA
Yayuelong-Dongguan	China



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Yichang Jinhai technology Ltd	China
YUJIN FIBRE BOARD INDCOLTD(AP)	Korea
Zhongshan Shengjing Corrugated Packaging Co., Ltd. Rd. Hugangdong, Town Husha, Zhongshan, Guangdong China	China
Zhongshan Zhongju Packaging Co Ltd	China
ZRP PRINTING (TIANJIN) COMPANY LIMITED	China
ZRP PRINTING GROUP CO.Ltd- Zhongshan, CN	China

Advocacy

We will continue to engage with external organisations, including NGOs, to identify opportunities for further improvements to our responsible palm oil programme. In 2018, we will support industry efforts to focus on improving traceability of palm oil in India. We will continue our membership of the RSPO and to contribute to its efforts to improve sustainability across the palm oil industry.

Continual Review

We will continue to review our plans, policies and standards throughout 2018 and update these as necessary with a view to maintaining transparency and continuous improvement in our responsible palm sourcing programme.

*The mills supplying specific refineries can change over time. This list reflects our awareness of mills in our supply chain, based on third-party checks of supplier declarations. As such, this list represents a moment in time, may not be exhaustive and may contain inaccuracies. In 2018, we will continue to refine and update this list as necessary.