

# **Digital MRO Market: Market Segments: By Technology (Predictive Maintenance, AR/VR, 3D Printing, Blockchain, Artificial Intelligence, Robotics, Big Data Analytics, Digital Twin and Internet of Things (IoT)); By Application (Inspection, Performance Monitoring, Predictive Analysis, Part Replacement and Mobility & Functionality); By End User (OEMs, Airlines and MROs); and Region – Analysis of Market Size, Share & Trends for 2014 – 2019 and Forecasts to 2030**

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## **Abstracts**

### Product Overview

Palm oil is the vegetable oil that can be safely consumed by the extraction of the pulp of the oil palms. Sustainable palm oil is red in color due to the high beta carotene ingredient. The rules and recommendations of the Roundtable on Sustainable Palm Oil (RSPO) should be followed in order to grow sustainable palm oil. By following environmental and social standards set by the RSPO, manufacturers can produce certified sustainable palm oil. A very small amount of cholesterol is present in palm oil. Palm oil is a common ingredient that is found in a wide range of consumer goods products such as household cleaners, cosmetics, food products, snacks, and biofuel.

### Market Highlights

Global Sustainable Palm Oil is expected to project a notable CAGR of 10.32% in 2030. Global Sustainable Palm Oil to surpass USD 45,227 million by 2030 from USD 17,320 million in 2020 at a CAGR of 10.32 % in the coming years, i.e., 2021-30. Substantial growth in demand for the sustainable palm oil from end-use industries coupled with growing consumer awareness regarding positive health benefits of palm oil is

anticipated to be the major factor contributing in the market growth. Additionally, rising disposable income and increasing per capita expenditure on consumer products across the economies is driving then product demand. Apart from that, developing nations have commenced taking up promising policy initiatives to upsurge the global Sustainable Palm Oil market.

#### Global Sustainable Palm Oil: Segments

Crude Palm Oil segment to grow with the highest CAGR during 2020-30

Global Sustainable Palm Oil is segmented by Product Type into Crude Palm Oil, RBD Palm Oil, Palm Kernel Oil, and Fractionated Palm Oil. Crude Palm Oil, the segment held the largest market share of XX.X% in the year 2020 due to its intensifying use in the food industry. It is also referred as edible oil.

Biofuel & Energy segment to grow with the highest CAGR during 2020-30

Global Sustainable Palm Oil is divided by End User into Food & Beverage, Personal Care & Cosmetics, Biofuel & Energy, Pharmaceutical and Industrial. The biofuel & Energy segment held the largest market share of XX.X% in the year 2020 and will continue to dominate the market in the coming years. The growth of the segment is driven by the escalating demand for biofuels across the nations. In recent years the biodiesel has gained remarkable popularity among consumers as an alternative to diesel. With regards to feedstock, palm oil is emphasized as the conventional feedstock for biodiesel production and is considered as cost-effective substitute of soybean.

Organic segment to grow with the highest CAGR during 2020-30

Global Sustainable Palm Oil is bifurcated by Origin into Organic and Conventional. The organic, segment held the largest market share of XX.X% in the year 2020 and will continue to dominate the market in the coming years owing to the rising awareness among consumers in regard to the negative impacts of agrochemicals which is used for the cultivation of conventional crops on the environment and human health.

#### Market Dynamics

##### Drivers

Increasing uses of sustainable palm oil in myriad end-user industries

Surging demand of sustainable palm oil from numerous end user industries is the key factor contributing in the market growth. Palm oil is a multipurpose product that is used not only in foods but also in transport fuel and personal care products. Palm oil is extensively used in the bakery on account of its smooth and creamy texture and also it is odorless. The usage of palm oil in food increases its longevity and its natural perspective effect resists the oxidation that spoils the food. Furthermore, sustainable

palm oil demand is escalating in the cosmetics industry where it is used in skincare and makeup products.

Growing consumer awareness about the health benefits of palm oil  
Significant growth in the demand of sustainable palm oil due to rising consumer awareness regarding the positive health benefits of palm oil is projected to drive the market in the forthcoming years. It is widely used to prevent vitamin A deficiency, aging, brain disease, high blood pressure, high cholesterol, and in treating malaria. Additionally, palm oil is gaining momentum for its weight loss properties and in improving the body's metabolism.

#### Restraint

Lack of awareness regarding sustainable palm oil existence

Many businesses are there are not aware of the basics of the sustainability or sustainable palm oil which is estimated to hinder the growth of the sustainable palm oil market. In addition, the stringent regulations administering plantations across the geographies are likely to impede the market growth in the coming years. Destruction of forests and replacing them with palm oil plantations wipe out the habitat of animals that have nowhere else to go.

Global Sustainable Palm Oil:

Key Players

New Britain Palm Oil Limited

Company Overview, Business Strategy, Key Product Offerings, Financial Performance, Key Performance Indicators, Risk Analysis, Recent Development, Regional Presence, SWOT Analysis

Sime Darby

Golden Agri-Resources Limited

Astra Agro Lestari

IOI Corporation Berhad

Cargill

KUALA LUMPUR KEPONG BERHAD

Wilmer International Limited

Kulim Berhad

United Plantation Berhad

SIPEF Group Belgium

## Other Prominent Players

### Global Sustainable Palm Oil: Regions

Global Sustainable Palm Oil is segmented based on regional analysis into five major regions. These include North America, Latin America, Europe, Asia Pacific, and the Middle East, and Africa. Global Sustainable Palm Oil in Asia Pacific held the largest market share of XX.X% in the year 2020. Asia Pacific will continue to dominate the global Sustainable Palm Oil. Asia Pacific is led by Malaysia and Indonesia which are major producers of palm oil. Other countries involved in the production of palm oil include Thailand, Nigeria, Columbia, and Ecuador. China is leading the sustainable palm oil market in terms of consumption followed by the EU, Indonesia, India, and the US. Other developing nations such as Europe and North America are greatly dependent on imports from Asia Pacific regions.

Global Sustainable Palm Oil is further segmented by region into:

North America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United States and Canada

Latin America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – Mexico, Argentina, Brazil, and Rest of Latin America

Europe Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United Kingdom, France, Germany, Italy, Spain, Belgium, Hungary, Luxembourg, Netherlands, Poland, NORDIC, Russia, Turkey, and Rest of Europe

Asia Pacific Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – India, China, South Korea, Japan, Malaysia, Indonesia, New Zealand, Australia, and Rest of APAC

Middle East and Africa Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – North Africa, Israel, GCC, South Africa, and Rest of MENA

Global Sustainable Palm Oil report also contains analysis on:

Sustainable Palm Oil Segments:

### By Origin

Organic

Conventional

### By Product Type

Crude Palm Oil

RBD Palm Oil

Palm Kernel Oil

Fractionated Palm Oil

### By End-User

Food & Beverage

Personal Care & Cosmetics  
Biofuel & Energy  
Pharmaceutical  
Industrial  
Sustainable Palm Oil Dynamics  
Sustainable Palm Oil Size  
Supply & Demand  
Current Trends/Issues/Challenges  
Competition & Companies Involved in the Market  
Value Chain of the Market  
Market Drivers and Restraints

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**20. HONEYWELL INTERNATIONAL INC.**

**21. IFS**

**22. LUFTHANSA TECHNIK**

**23. RAMCO SYSTEM**

**24. SAP SE**

Consultant Recommendation

\*\*The above-given segmentations and companies could be subjected to further modification based on in-depth feasibility studies conducted for the final deliverable.

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