

## Particulars

### About Your Organisation

#### 1.1 Name of your organisation

Novozymes A/S

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#### 1.2 What is/are the primary activity(ies) or product(s) of your organisation?

- Palm Oil Grower
- Processor and/or Trader
- Consumer Goods Manufacturer
- Retailer
- Bank and/or Investor
- Social and/or Development NGO
- Environmental and/or Conservation NGO
- Affiliate

#### 1.3 Membership number

2-0712-16-000-00

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#### 1.4 Membership category

Palm Oil Processors and/or Traders

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#### 1.5 Membership sector

Ordinary

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## Processors & Traders

### 1. Operational Profile

1.1 Please state your company's main activity within the palm oil supply chain.

- Refiner of CPO and PKO
- Palm Kernel Crusher
- Trader with Physical Possession
- Trader without Physical Possession
- Integrated Refiner-Trader-Processor
- Food and Non-Food Ingredients Producer
- Power, Energy and Biofuel Processor
- Animal Feed Producer
- Oleochemicals Producer
- Distribution & Logistics
- Other

Other

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### 2. Palm Oil and Certified Sustainable Palm Oil Consumption

*Information in Section 2 - Palm Oil and Certified Sustainable Palm Oil Sourcing is a mandatory declaration in your ACOP. This includes volume data on palm oil and palm oil products consumed, to enable the RSPO to accurately calculate uptake on a member, sector and total level. ACOP reports without reported volume data will be considered incomplete and will not be accepted.*

2.1 Please include details of all operations using palm oil, owned and/or managed by the member and/or all entities that belong to the group.

Novozymes' production facilities in Denmark, USA, Brazil, China and India.

2.1.1 In which countries does your company sell goods with palm oil and palm oil products?

Applies globally

2.2 Total volume of all palm oil and palm oil products sourced in the year:

Description	Tonnes
Crude palm oil, including derivatives refined from CPO (tonnes)	7604.0
Crude palm kernel oil, including derivatives refined from CPKO (tonnes)	0.0
Crude palm kernel expeller (tonnes)	0.0
Total	7604.0

**2.3 Volume of RSPO-certified palm oil and oil palm products sourced in the year (tonnes):**

<b>Description</b>	<b>Crude Palm Oil (CPO) and CSPO Derivatives</b>	<b>Crude Palm Kernel Oil (CSPKO) and CSPKO Derivatives</b>	<b>Palm Kernel Expeller (CSPKE)</b>
RSPO Credits from Mill / Crusher	564.7	0.0	0.0
RSPO Credits from Independent Smallholder	0.0	0.0	0.0
Mass Balance (MB)	6640.1	0.0	0.0
Segregated (SG)	399.3	0.0	0.0
Identity Preserved (IP)	0.0	0.0	0.0
<b>Total</b>	<b>7604.1</b>	<b>0.0</b>	<b>0.0</b>

**2.4 According to the volume information you have provided in Question PT.2.2 and Question PT.2.3, your company's certified palm oil and palm oil products uptake is:**

100.00%

**2.5 What is the estimated percentage of Certified Sustainable Palm Oil in the palm oil and palm oil products sold by your company in the following regions:**

<b>Countries/Regions</b>	<b>Percentage</b>
Europe	100.0
North America	100.0
Malaysia	100.0
Indonesia	100.0
China	100.0
India	100.0
Latin America	100.0
Africa	100.0
Rest of World	100.0

### 3. TimeBound Plan

**3.1 Which year did your company achieve/obtain (or expects to achieve/obtain) the RSPO supply chain certification or RSPO trader/distributor licence?**

2020

**3.2 Which year did your company start (or expect to start) to source any RSPO-certified palm oil and oil palm products?**

2018

**3.2.1 If the previous target year for PT.3.2 has not been met, please explain why.**

Not applicable.

**3.3 Which year did your company achieve (or expects to achieve) 100% RSPO certification of all palm product processing facilities.**

2018

**3.3.1 If the previous target year for PT.3.3 has not been met, please explain why.**

Not applicable.

**3.4 Which year did your company begin (or expects to begin) sourcing only 100% RSPO-certified palm oil and oil palm products.**

2018

**3.5 If the TimeBound Plan commitments declared above do not cover all countries in which the member sells goods with palm oil or palm oil products, please explain why**

Not applicable.

**3.6 How does your company proactively promote RSPO and RSPO-certified sustainable palm oil and oil palm products to your customers?**

100% of our palm oil use is for coating enzymes for animal feed. We feel that this is not an appropriate market to actively promote sustainable palm oil. In 2017, Novozymes started to sell enzymes to palm oil processors both upstream and downstream. The enzymes for the palm oil industry doesn't contain palm oil. We discuss sustainability issues and enquire about RSPO membership with potential customers and prefer to work with RSPO members.

#### 4. Actions For Next Reporting Period

**4.1 Please outline activities that your company will take in the coming year to promote the production or consumption of certified sustainable palm oil (CSPO)**

We will continue to follow the same practice of procuring certified sustainable palm oil as before. Furthermore, we will continue to engage and promote use of certified palm oil with customers.

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## 5. Shared Responsibility

*The Board of Governors of the Roundtable on Sustainable Palm Oil (RSPO) approved new Shared Responsibility rules on 31 October 2019, requiring all members to share sustainability requirements and obligations. Reporting of Shared Responsibility indicators will be done through several channels, including ACOP. As the implementation of Shared Responsibility reporting is still on-going and in development, the Shared Responsibility section in ACOP is not yet final and may change in future ACOP cycles. For more information on Shared Responsibility, please go to <https://rspo.org/news-and-events/news/what-are-the-new-shared-responsibility-rules> or email the ACOP team at [acop@rspo.org](mailto:acop@rspo.org)*

### Labour & Labour Rights

#### 5.1 Does your company have a publicly-available policy covering Labour & Labour Rights?

Yes

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##### 5.1.1 Does the policy cover:

- No discrimination
- Wage and working conditions
- Freedom of association
- No child labour
- No harassment
- No forced or trafficked labour

#### 5.1.2 Has your company previously uploaded or linked its Labour & Labour Rights policy in previous ACOP reporting cycles?

Yes

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### Ethical Conduct & Human Rights

#### 5.2 Does your company have a publicly-available Policy covering Ethical Conduct & Human Rights?

Yes

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##### 5.2.1 Does the policy cover:

- Recruitment
- Contractors
- Sub-Contractors & Third-Party Contractors

#### 5.2.2 Has your company previously uploaded or linked its Ethical Conduct & Human Rights policy in previous ACOP reporting cycles?

Yes

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### Land Use

#### 5.3 Does your company have a publicly-available Policy covering Land Use?

No

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**Occupational Health & Safety****5.4 Does your company have a publicly-available Policy covering Occupational Health & Safety?**

Yes

**5.4.1 Has your company previously uploaded or linked its Occupational Health & Safety policy in previous ACOP reporting cycles?**

No

**Climate Change & Greenhouse Gas (GHG)****5.5 Does your company have a publicly-available policy covering Climate Change & Greenhouse Gas (GHG)?**

Yes

**5.5.1 Does the policy cover:**

- Identification and assessment of GHG
- Public reporting of GHG footprint
- Monitored implementation plan to reduce or minimise GHG emissions

**5.5.2 Has your company previously uploaded or linked its Climate Change & Greenhouse Gas policy or report in previous ACOP reporting cycles?**

Yes

**Complaints & Grievances****5.6 Does your company have a Complaints & Grievances Mechanism?**

Yes

**5.6.1 Is your Complaints & Grievances mechanism in line with the RSPO's grievance mechanism? For details of the RSPO's grievance mechanism, please go to <https://askrspo.force.com/Complaint/s/>**

Yes

**Smallholders****5.7 Does your company support oil palm independent smallholder groups?**

No

**5.7.3 Do you have any future plans to support oil palm Independent Smallholders?**

No

**5.7.4 Please explain why you are not planning to support oil palm independent smallholders**

In order to meet big volume on a yearly basis, we need a stable supply. Furthermore, glycerin is a by-product of bio diesel so we need to procure it from refineries. Thus to meet large requirements and same specifications year on year. We engage with bigger suppliers and do not plan to engage with independent smallholders.

## 6. Challenges

### 6.1 What significant obstacles or challenges has your company encountered in the promotion of certified sustainable palm oil (CSPO)? What efforts has your company taken to address these obstacles or challenges?

- Awareness of RSPO in the market
- Difficulties in the certification process
- Certification of smallholders
- Competition with non-RSPO members
- High costs in achieving or adhering to certification
- Human rights issues
- Insufficient demand for RSPO-certified palm oil
- Low usage of palm oil
- Reputation of palm oil in the market
- Reputation of RSPO in the market
- Supply issues
- Traceability issues
- No challenges faced
- Others

Others

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### 6.2 In addition to the actions already reported in this ACOP report, what other ways has your company supported the vision of the RSPO to transform markets to make sustainable palm oil the norm?

- Engagement with business partners or consumers on the use of CSPO
- Engagement with government agencies
- Promotion of CSPO outside of RSPO venues such as trade workshops or industry associations
- Promotion of physical CSPO
- Providing funding or support for CSPO development efforts
- Research & Development support
- Stakeholder engagement
- No actions taken
- Others

Others

Novozymes is continuing to investigate the opportunities to deliver impactful enzymatic solutions to the palm oil industry to transform the industry in sustainable direction. We have developed an enzymatic solution for production of palm oil, Palmora® OER. It is designed to benefit both old and new palm oil mills with minimal retrofits and process changes. Under optimal conditions, it can increase oil extraction rates by at least 0.7%. Currently plant scale tests are being conducted for an enzymatic solution (Palmora) that can extract more oil from the fruits at the mill facilities. Novozymes ensures that we only work with partners that have committed themselves to promote sustainable palm oil production, and we believe that application of Palmora will help customers in the direction of more sustainable production. Furthermore, in 2019, The Institution of Chemical Engineers (IChemE) Malaysia presented Novozymes and Sime Darby Research with the Palm Oil Award and the Sustainability Award for our joint project "Enzymatic Assisted Extraction of Palm Oil"™ which demonstrates the benefits of the enzyme-assisted oil extraction process, including higher yield, greater profitability, and improved sustainability performance

### 6.3 If your company has any other publicly-available reports or information regarding its palm oil-related policies and activities, please provide the links here

<https://www.novozymes.com/en/advance-your-business/food-and-beverage/vegetable-oils-processing/palm>