

## Particulars

### About Your Organisation

#### 1.1 Name of your organization

DuPont Nutrition Biosciences ApS

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

- Grower
  - Processor and/or Trader
  - Consumer Goods Manufacturer
  - Retailer and/or Wholesaler
  - Bank and/or Investor
  - Social and/or Development NGO
  - Environmental and/or Conservation NGO
  - Supply Chain Associate
  - Affiliate
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#### 1.3 Membership number

2-0007-04-000-00

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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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**Processor and/or Trader**

**1. Operational Profile**

1.1 Please state your main activity(ies) within the palm oil supply chain. Please select the option(s) that apply to you

- Refiner of CPO and PKO
- Trader with physical possession
- Trader without physical possession
- Palm kernel crusher
- Food and non-food ingredients producer
- Power, energy and biofuel
- Animal feed producer
- Producer of oleochemicals
- Distributor and wholesaler
- Other

Other:

**2. Palm Oil and Certified Sustainable Palm Oil Use**

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.

DuPont/Danisco Nutrition & Health, Australia  
 DuPont/Danisco Nutrition & Health, Denmark (Haderslev, Grindsted and Brabrand)  
 DuPont/Danisco Nutrition & Health, Netherlands  
 DuPont/Danisco Nutrition & Health, China  
 DuPont/Danisco Nutrition & Health, Malaysia  
 DuPont/Danisco Nutrition & Health, Kansas, USA

2.1.1 In which markets do you sell goods containing palm oil and oil palm products?

Applies globally

2.2 Volumes of palm oil and oil palm products

2.2.1 Total volume of crude and refined palm oil handled/traded/processed in the year (tonnes)

N/A

2.2.2 Total volume of crude and refined palm kernel oil handled/traded/processed in the year (tonnes)

N/A

2.2.3 Total volume of palm kernel expeller handled/traded/processed in the year (tonnes)

N/A

2.2.4 Total volume of other palm-based derivatives and fractions handled/traded/processed in the year (tonnes)

N/A

**2.2.5 Total volume of all palm oil and oil palm products used in the year (tonnes)**

N/A

**2.3 Volumes of palm oil and oil palm products certified**

Description	Crude and Refined Palm Oil	Crude and Refined Palm Kernel Oil	Palm Kernel Expeller	Other palm-based derivatives and fractions
2.3.1 RSPO Credits from Mill / Crusher	N/A	N/A	N/A	N/A
2.3.2 RSPO Credits from Independent Smallholder	N/A	N/A	N/A	N/A
2.3.3 Mass Balance (MB)	N/A	N/A	N/A	N/A
2.3.4 Segregated (SG)	N/A	N/A	N/A	N/A
2.3.5 Identity Preserved (IP)	N/A	N/A	N/A	N/A
2.3.6 Total volume (tonnes)	N/A	N/A	N/A	N/A

**2.4 Volume sold in the year that is RSPO-certified (tonnes):**

Description	Crude and Refined Palm Oil	Crude and Refined Palm Kernel Oil	Palm Kernel Expeller	Other palm-based derivatives and fractions
2.4.1 Mass Balance (MB)	N/A	N/A	N/A	N/A
2.4.2 Segregated (SG)	N/A	N/A	N/A	N/A
2.4.3 Identity Preserved (IP)	N/A	N/A	N/A	N/A
2.4.4 Total volume (tonnes)	N/A	N/A	N/A	N/A

**2.4.5 How much RSPO-certified products have you sold under other schemes (tonnes)?**

N/A

**2.4.6 How much RSPO-certified products have you sold as conventional (tonnes)?**

N/A

**2.5 What is the percentage of Certified Sustainable Palm Oil in the total palm oil products sold by your company in the following regions:****2.5.1 Africa**

90%

**2.5.2 Oceania**

88%

**2.5.3 Europe**

85%

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**2.5.4 North America**

89%

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**2.5.5 Latin America**

61%

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**2.5.6 Middle East**

71%

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**2.5.7 China**

6%

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**2.5.8 India**

40%

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**2.5.9 Indonesia**

16%

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**2.5.10 Malaysia**

11%

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**2.5.11 Rest of Asia**

23%

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**3. Time-Bound Plan**

**3.1 Year of first supply chain certification (planned or achieved).**

2009

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**3.2 Year started/expected to start to handle/trade/process any RSPO-certified palm oil and oil palm products.**

2009

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**3.2.1 If target has not been met, please explain why.**

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**3.3 Year expected to achieve 100% RSPO certification of all palm product processing facilities.**

2011

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**3.3.1 If target has not been met, please explain why.**

The current certificate covers all important processing facilities in terms of volumes. There are only a few production sites in smaller supply chains that are not included due to the level of complexity.

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**3.4 Year expected to only handle/trade/process 100% RSPO-certified palm oil and oil palm products**

2017

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**3.4.1 If target has not been met, please explain why.**

Our commitment was already met in 2017. Today we continue to source 100% sustainable palm oil in a combination of segregated (SG), mass-balance (MB) and certified sustainable palm oil (CSPO).  
<https://www.dupontnutritionandhealth.com/news/nutrition-health/2017/dupont-nutrition-health-reaches-100-certified-sustainable-palm-oil-emulsifiers>

In 2018, SG and MB represented 48% of our sourcing of palm based raw materials. In addition, DuPont, Ås NB largest emulsifiers site, Grindstedt.

Our commitment applies globally, an option that is not possible in 3.5 below.

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**3.5 Which countries do these commitments cover?**

Australia , China , Denmark , Malaysia, Netherlands , United States

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

We promote emulsifiers based on RSPO certified palm oil and derivatives through our homepage, campaigns, conference presentations and brochures. We do so during interactions with customers and other stakeholders.

We are updating a number of marketing materials and, in 2018, we organised a webinar that has been recorded and is available to all staff via our new intranet page on sustainable palm oil. Through this internal page, any employee from DuPont NB can access key resources and information to help them understand and promote sustainable palm oil and RSPO.

We have also participated actively in the development of a robust LCA study that will compare the environmental performance of RSPO palm oil vs conventional palm oil. A study that we will be sharing with customers and promoting as soon as results are published.

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**4. Trademark Use**

**4.1 Do you use or plan to use the RSPO Trademark on your own brand products?**

No

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**4.2 Please select the countries where you use or intend to apply the Trademark**

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**4.2.1 Please state the year when you began or plan to begin to apply the Trademark**

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**4.3 Please explain why**

- Challenging reputation of palm oil
- Confusion among end-consumers
- Costs of changing labels
- Difficulty of applying for RSPO Trademark
- Lack of customer demand
- Limited label space
- Low consumer awareness
- Low usage of palm oil
- Risk of supply disruption
- Others

**Other:**

We have not looked into this option in detail yet but are planning on doing so.

**5. Actions for Next Reporting Period****5.1 Outline activities that you will take in the coming year to promote the use of RSPO-certified palm oil and oil palm products along the supply chain.**

In 2019, we continue to promote emulsifiers based on RSPO certified palm oil and derivatives through our homepage, campaigns, conference presentations and brochures. We are making sure that sales and other staff are well equipped to talk about the added value of purchasing RSPO certified palm based emulsifiers.

We are updating a number of marketing materials and assessing our palm oil suppliers based on a number of sustainability credentials, which include membership of RSPO.

As mentioned above, in 2018 we participated actively in the development of a robust LCA study that compares the environmental performance of RSPO palm oil vs conventional palm oil. In 2019, we will be promoting the results of this study.

**6. Non-Disclosure of Information**

**6.1 Information in the sections above are mandatory declarations in your ACOP. For confidentiality purposes, members may choose not to display volume data in Section 2 publicly; however, RSPO reserves the right to utilise the member's data on an aggregate basis for sectoral and total analysis. Please check this box if the member chooses to have the data in Section 2 displayed publicly.**

No - Redact volume data

**7. Application of Principles & Criteria for all member sectors**

**7.1 Regarding your company's sourcing, handling or trading, do you have organisational policies that are in line with the RSPO P&C? Select all relevant options.**

**7.1.A Water, land, energy and carbon footprints**

File: --

Link: <https://www.dupont.com/corporate-functions/our-company/insights/articles/position-statements/articles/biodiversity.html>  
<https://www.dupont.com/corporate-functions/our-company/insights/articles/position-statements/articles/climate-change.html>

**7.1.B Land use rights**

File: --

Link: --

### 7.1.C Ethical conduct and human rights

File: --

Link: <https://www.dupont.com/corporate-functions/our-company/insights/articles/position-statements/articles/human-rights.html>  
<https://www.dupont.com/corporate-functions/our-company/insights/articles/position-statements/articles/child-and-forced-labor.html>

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### 7.1.D Labour rights

File: --

Link: <https://www.dupont.com/corporate-functions/our-company/insights/articles/position-statements/articles/safety-health-environment-commitment.html>

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### 7.1.E Stakeholder engagement

File: --

Link: <https://www.dupont.com/corporate-functions/our-company/insights/articles/position-statements/articles/sustainable-development-local-sustainability.html>

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### 7.1.F None of the above. Please explain why.

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### 7.2 What best practice guidelines or information has your organisation provided in the past year to facilitate the uptake of RSPO-certified sustainable palm oil and oil palm products? What languages are these guidelines available in?

DuPont Nutrition and Biosciences has enhanced its communication and sales material about RSPO palm based emulsifiers. The organisation has developed an internal portal with relevant information on this front. We have equipped our sales and customer representatives teams with material to help them become ambassadors about the benefits of sustainable palm-based emulsifiers.

The material is available in English.

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## 8. Greenhouse Gas (GHG) Footprint

### 8.1 Are you currently reporting any GHG footprint?

Yes

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#### 8.1.1 Please upload your publicly available GHG report

File: --

Link: <http://www.dupont.com/content/dam/assets/corporate-functions/our-approach/sustainability/documents/DuPont%20Final%20Response%20to%20RSPO%202018.pdf>

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#### 8.1.2 OR please insert the URL to the GHG section of your corporate website.

Link: <http://www.dupont.com/content/dam/assets/corporate-functions/our-approach/sustainability/documents/DuPont%20Final%20Response%20to%20RSPO%202018.pdf>

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### 8.2 Please explain and justify why you are not calculating your GHG footprint. Please include any future plans you may have to calculate your GHG footprint.

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### 8.3 What methodology are you using to calculate your GHG footprint?

We calculate our GHG footprint following the Carbon Disclosure Project (CDP) methodology. DuPont publishes an annual GRI compliant report at Corporate level. We have also conducted a number of ISO 14044 compliant Life Cycle Assessments (LCAs) and completed an organizational level carbon footprint in accordance with ISO 14064. Furthermore, we have been initiators of a crowd funded project aimed at assessing the carbon footprint of conventional palm oil versus RSPO certified palm oil together with 2.0 LCA Consultants.

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## 9. Support for Oil Palm Smallholders

**9.1 Are you currently supporting any oil palm Independent Smallholder groups?**

No

**9.2 How are you supporting them?**

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

No

**9.2.2 If yes, when do you plan to start your support for oil palm Independent Smallholders?**

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**10. Challenges****10.1 What significant economic, social or environmental obstacles have you encountered in the production, procurement, use and/or promotion of CSPO and what efforts did you make to mitigate or resolve them?**

- 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
- Others

**Other:**

In terms of sourcing, the challenge is mostly on the side of palm oil derivatives, where the offer of MB/SG grades is limited. It is therefore more complicated and costly to drive change in these supply chains.

The lack of a unique IT system to facilitate traceability back to the mill for all RSPO members is also hindering a great opportunity to increase transparency along the supply chain. At the moment, every supplier has a different system and that leads to inconsistency and duplication of efforts when trying to address customer requests and find solutions involving all actors of a supply chain.

On the promotion side, there are clients that are not willing to pay a premium for emulsifiers based on MB/SG palm-based emulsifiers. That includes clients that have made commitments to source sustainable palm oil at a global level. The recent negative publicity around palm oil based products has also led to an increased interest in palm-free emulsifiers. This interest is partly driven by a narrow view on the role of palm oil and sustainability.

DuPont Nutrition and Biosciences has enhanced its communication and sales material about RSPO palm based emulsifiers. The organisation has developed an internal portal with relevant information on this front. We have equipped our sales and customer representatives teams with material to help them become ambassadors about the benefits of sustainable palm-based emulsifiers. We hope that the crowd funded LCA assessment of RSPO vs conventional palm oil will contribute to a more informed debate about the benefits and challenges of sustainable palm oil production.

**10.2 In addition to the actions already reported in this ACOP how has your organisation supported the vision of RSPO to transform markets in other ways?**

- Engagement with business partners or consumers on the use of CSPO
  - Engagement with government agencies
  - Promotion of CSPO outside of RSPO venues eg trade workshops industry associations
  - Promotion of physical CSPO
  - Providing funding or support for CSPO development efforts
  - Research & Development support
  - Stakeholder engagement
  - Others
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**Other:**

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**10.3 Please attach or add links to any other information from your organisation on your policies and actions on palm oil**

Our supplier Code of Conduct is available via this page:

<https://www.dupontnutritionandhealth.com/sustainability/sustainable-sourcing.html>

2017 communication on our achievement:

<https://www.dupontnutritionandhealth.com/news/nutrition-health/2017/dupont-nutrition-health-reaches-100-certified-sustainable-palm-oil-emulsifier>

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