

To: 5.1.2e [5.1.2e @plasticseurope.org]; 5.1.2e [5.1.2e @rivm.nl]
Cc: 5.1.2e [5.1.2e @agcce.com]; 5.1.2e [5.1.2e @vncl.nl]; 5.1.2e [5.1.2e @mmm.com]; 5.1.2e [5.1.2e @bcw-global.com]; restrictiePFAS[5.1.2e @rivm.nl]
From: 5.1.2e
Sent: Fri 1/15/2021 12:32:18 PM
Subject: RE: PFAS Production - conference call with RPA and RIVM and Plastics Europe (FP section)
Received: Fri 1/15/2021 12:33:33 PM

Dear 5.1.2e

From our side, we would be interested if as an Industry Association you have any high level information for fluoropolymers on:

- Total production in EEA (updated from 2015 figure in the brochure on your website)
- Net imports/exports in EEA
- Number of manufacturers operating in EEA
- Volume of fluorinated Precursors/monomers used in FP production
- Residual precursors remaining in fluoropolymer
- Handling and treatment of waste

Regards

5.1.2e

5.1.2e

Risk & Policy Analysts Ltd

31-35 Kirby Street, London, EC1N 8TE, UK

Direct: 5.1.2e Switchboard: 5.1.2e

E: 5.1.2e @rpald.co.uk

W: <https://rpald.co.uk/>



Follow us on...



Please read RPA's COVID-19 Business Continuity Statement at <https://rpald.co.uk/covid19>

This message may contain privileged and/or confidential information. If you have received this message in error, please notify us and remove it from your system.

Risk & Policy Analysts Ltd is a company registered in England and Wales. Registered number: 2484467. Registered office: Suite C, 2nd floor, The Atrium, St Georges Street, Norwich, Norfolk, NR3 1AB, England

From: 5.1.2e <5.1.2e @plasticseurope.org>

Sent: 15 January 2021 08:02

To: 5.1.2e <5.1.2e @rpald.co.uk>

Cc: 5.1.2e <5.1.2e @agcce.com>; 5.1.2e <5.1.2e @vncl.nl>; 5.1.2e <5.1.2e @mmm.com>; 5.1.2e <5.1.2e @bcw-global.com>

Subject: RE: PFAS Production - conference call with RPA and RIVM and Plastics Europe (FP section)

Dear 5.1.2e,

I just want to let you know that my colleagues representing 3M: 5.1.2e and Chemours: 5.1.2e will join our Monday meeting. Our consultant 5.1.2e will be also present. In term of agenda, please find below a proposed one. Let us know if you want to add or delete some points.

Meeting FPG- RIVM 18.01

1. Welcome and introductions
2. Anti- trust statement
3. FPG presentation
 - Introducing FPG
 - Why fluoropolymers are critical to EU competitiveness and innovation
 - Why fluoropolymers are different to other PFAS
 - Question around grouping and essential use

- FPG current activities

4. RPA update on work for NL authorities: aim of work, progress, delivery date of report etc
5. Timing of Restriction Proposal and next steps i.e. Registration of intention, presentation of Member States RMOA, outlook to later in 2021/22
6. Discussion, questions and answers
7. AOB

Kind regards,

5.1.2e

PlasticsEurope

Rue Belliard 40, box 16, 1040 Brussels - Belgium

Phone 5.1.2e

Mobile 5.1.2e @plasticseurope.org

www.plasticseurope.org



*Acting through Oaks & Reeds

Transparency Register identification number: 454264611835-56

PlasticsEurope is one of the leading European trade associations with centres in Brussels, Frankfurt, London, Madrid, Milan and Paris. We are networking with European and national plastics associations and have more than 100 member companies, producing over 90% of all polymers across the EU27 member states plus Norway, Switzerland, Turkey and UK. The European plastics industry makes a significant contribution to the welfare in Europe by enabling innovation, creating quality of life to citizens and facilitating resource efficiency and climate protection. Over 1.6 million people are working in close to 60,000 companies (mainly small and medium sized companies in the converting sector) to create a turnover of more than 360 bn EUR per year. The plastics industry includes polymer producers - represented by PlasticsEurope, converters - represented by EuPC - and machine manufacturers - represented by EUROMAP. For further info see the web links: www.plasticseurope.org, www.plasticsconverters.eu, www.euromap.org

This email and any attached documents contain confidential information which is destined exclusively for the intended recipient(s).

From: 5.1.2e [5.1.2e @rpald.co.uk]

Sent: Wednesday, January 6, 2021 1:18 PM

To: 5.1.2e <5.1.2e @plasticseurope.org>; 5.1.2e <5.1.2e @rivm.nl>; 5.1.2e <5.1.2e @rivm.nl>

Cc: restrictiePFAS <5.1.2i @rivm.nl>

Subject: RE: PFAS Production - conference call with RPA and RIVM and Plastics Europe (FP section)

CAUTION – EXTERNAL EMAIL ! Do not click on links or open attachments unless you recognise the sender and know the content is safe.

5.1.2e,

Thank you for your reply. Happy New Year, hoping for a good 2021.

I've spoken with RIVM and we would like to suggest **Monday 18th at 11:00 CET**.

If you are in agreement I will send a meeting invitation for WebEx.

Please let us know any agenda items you would like to bring from your side.

Kind Regards

5.1.2e

Risk & Policy Analysts Ltd

31-35 Kirby Street, London, EC1N 8TE, UK

Direct: 5.1.2e Switchboard: 5.1.2e

E: 5.1.2e @rpald.co.uk

W: <https://rpald.co.uk/>



Follow us on...



Please read RPA's COVID-19 Business Continuity Statement at <https://rpald.co.uk/covid19>

This message may contain privileged and/or confidential information. If you have received this message in error, please notify us and remove it from your system.

Risk & Policy Analysts Ltd is a company registered in England and Wales. Registered number: 2484467. Registered office: Suite C, 2nd floor, The Atrium, St Georges Street, Norwich, Norfolk, NR3 1AB, England

From: 5.1.2e <5.1.2e@plasticseurope.org>

Sent: 04 January 2021 15:13

To: 5.1.2e <5.1.2e@rpald.co.uk>; 5.1.2e <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>

Cc: restrictiePFAS <5.1.2i@rivm.nl>

Subject: RE: PFAS Production - conference call with RPA and RIVM

Dear 5.1.2e,

I hope you had a nice hollyday break. Please find below some availability:

1. Monday 11: from 10 to 11
2. Wednesday 13 : All morning
3. Friday 14 : all morning
4. Monday 18 : All day
5. Tuesday 19 : After 3 :30 PM
6. Wednesday 20 : All day

Let me know if one of these dates are convenient for you.

The concern of 5.1.2e group on PFAS is very specific. It could be useful to have a separate conversation with her on her group issue.

Kind regards,

5.1.2e

PlasticsEurope

Rue Belliard 40, box 16, 1040 Brussels - Belgium

Phone 5.1.2e

Mobile 5.1.2e @plasticseurope.org

www.plasticseurope.org



*Acting through Oaks & Reeds

Transparency Register identification number: 454264611835-56

PlasticsEurope is one of the leading European trade associations with centres in Brussels, Frankfurt, London, Madrid, Milan and Paris. We are networking with European and national plastics associations and have more than 100 member companies, producing over 90% of all polymers across the EU27 member states plus Norway, Switzerland, Turkey and UK. The European plastics industry makes a significant contribution to the welfare in Europe by enabling innovation, creating quality of life to citizens and facilitating resource efficiency and climate protection. Over 1.6 million people are working in close to 60,000 companies (mainly small and medium sized companies in the converting sector) to create a turnover of more than 360 bn EUR per year. The plastics industry includes polymer producers - represented by PlasticsEurope, converters - represented by EuPC - and machine manufacturers - represented by EUROMAP. For further info see the web links: www.plasticseurope.org, www.plasticsconverters.eu, www.euromap.org

This email and any attached documents contain confidential information which is destined exclusively for the intended recipient(s).

From: 5.1.2e [5.1.2e@rpald.co.uk]

Sent: Wednesday, December 16, 2020 9:18 AM

To: 5.1.2e <5.1.2e@plasticseurope.org>; 5.1.2e <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@rivm.nl>; 5.1.2e <5.1.2e@agcce.com>

Cc: restrictiePFAS <5.1.2i@rivm.nl>

Subject: RE: PFAS Production - conference call with RPA and RIVM

CAUTION – EXTERNAL EMAIL ! Do not click on links or open attachments unless you recognise the sender and know the content is safe.

Dear 5.1.2e,

Thank you for your response. Given your comments, I agree that a call before the new year may not be as productive as it could be. May I suggest that we set a date in January? Please could you suggest some dates/times that would be suitable for you and I can schedule a meeting.

Please may I also ask for clarification about whether 5.1.2e is managing a different sector within Plastics Europe, would it make sense to include her in the meeting or to have a separate meeting with her?

Best Regards

5.1.2e e

Risk & Policy Analysts Ltd

31-35 Kirby Street, London, EC1N 8TE, UK

Direct: 5.1.2e Switchboard: 5.1.2e

E: 5.1.2e @rpald.co.uk

W: <https://rpald.co.uk/>



Follow us on...



Please read RPA's COVID-19 Business Continuity Statement at <https://rpald.co.uk/covid19>

This message may contain privileged and/or confidential information. If you have received this message in error, please notify us and remove it from your system.

Risk & Policy Analysts Ltd is a company registered in England and Wales. Registered number: 2484467. Registered office: Suite C, 2nd floor, The Atrium, St Georges Street, Norwich, Norfolk, NR3 1AB, England

From: 5.1.2e <5.1.2e @plasticseurope.org>

Sent: 11 December 2020 14:29

To: 5.1.2e <5.1.2e @rpald.co.uk>; 5.1.2e <5.1.2e @rivm.nl>; 5.1.2e <5.1.2e @agcce.com>

Cc: restrictiePFAS <5.1.2i @rivm.nl>; 5.1.2e <5.1.2e @rpald.co.uk>

Subject: RE: PFAS Production - conference call with RPA and RIVM

Dear 5.1.2e,

Thank you for your mail. We will be pleased to have a call with you and RIVM. If you agree that the agenda call is to exchange on the call of evidence process, and some high level questions regarding fluoropolymers and their applications, 5.1.2e and myself could make ourselves available for a call next week.

If you want to go through all the questions you sent this morning, as previously indicated, I am afraid that we need to postpone our call until after the holiday season early 2021. As you know FPG continues to be active in supporting downstream users and encouraging them to submit data. I became a point of contact for many of our downstream users to guide them in the process and making them aware of the questionnaires. We are currently still collecting data to reply to your questions including the ones listed in your email below.

As already emphasized in our communication with you and the authorities in charge of the call of evidence, the tasks required to fulfill these questionnaires in a such short period of time are particularly challenging. We are entering in the Holiday season, and we are still in a Covid period. In this challenging time, the allocation of our resources in such a short period is tricky.

Therefore, let us know what you and RIVM have in mind for our call agenda. Based on your answer, 5.1.2e and I will provide you with dates.

Kind regards,

5.1.2e

5.1.2e

PlasticsEurope

Rue Belliard 40, box 16, 1040 Brussels - Belgium

Phone 5.1.2e

Mobile 5.1.2e @plasticseurope.org

www.plasticseurope.org

*Acting through Oaks & Reeds

Transparency Register identification number: 454264611835-56

PlasticsEurope is one of the leading European trade associations with centres in Brussels, Frankfurt, London, Madrid, Milan and Paris. We are networking with European and national plastics associations and have more than 100 member companies, producing over 90% of all polymers across the EU27 member states plus Norway, Switzerland, Turkey and UK. The European plastics industry makes a significant contribution to the welfare in Europe by enabling innovation, creating quality of life to citizens and facilitating resource efficiency and climate protection. Over 1.6 million people are working in close to 60,000 companies (mainly small and medium sized companies in the converting sector) to create a turnover of more than 360 bn EUR per year. The plastics industry includes polymer producers - represented by PlasticsEurope, converters - represented by EuPC - and machine manufacturers - represented by EUROMAP. For further info see the web links: www.plasticseurope.org, www.plasticsconverters.eu, www.euromap.org

This email and any attached documents contain confidential information which is destined exclusively for the intended recipient(s).

From: 5.1.2e [mailto: 5.1.2e @rpaltd.co.uk]

Sent: Friday, December 11, 2020 8:29 AM

To: 5.1.2e < 5.1.2e @plasticseurope.org>; 5.1.2e < 5.1.2e @rivm.nl>; 5.1.2e < 5.1.2e @rivm.nl>

Cc: restrictiePFAS < 5.1.2i @rivm.nl>; 5.1.2e < 5.1.2e @rpaltd.co.uk>

Subject: RE: PFAS Production - conference call with RPA and RIVM

CAUTION – EXTERNAL EMAIL ! Do not click on links or open attachments unless you recognise the sender and know the content is safe.

Dear 5.1.2e ,

Thank you for your ongoing support for the PFAS project, focussing on manufacturing/production of these substances. I have been in discussion with RIVM and we would like to suggest a joint meeting between us to discuss the PFAS manufacturing sector in Europe.

The meeting we had (including Wood and Exponent) on 13th November provided a useful introduction. I would like to propose that this meeting should go into a bit more detail, to get an aggregated overview, at industry association level, of the PFAS/fluoropolymer manufacturing sector in Europe. Key discussion topics I would like to suggest are below, but please feel free to suggest additional items if you think we have missed anything relevant:

- Number of direct employees in the sector in EEA
- Economic value of the sector in EEA
- Number of companies/manufacturing sites in EEA
- Annual production tonnage and trends in EEA (what is the approximate split by product? e.g. do 3 substances represent 80% total?)
 - What are the PFAS precursors/monomers and what is their tonnage?
 - What are the (non-PFAS) additives/processing aids used in fluoropolymer production and what is their tonnage?
- Import tonnage of fluoropolymers into EEA, and trends
- Alternatives to fluoropolymers – technical and economic feasibility
- Emissions data kg/year
- Waste arising from production process:
 - what type of substance(s) are in the waste?
 - total annual tonnage/volume?
 - quantity as % of product produced (i.e. for 1 tonne PFAS substance, how much waste?)
- How you handle and dispose of the waste
 - Transportation and packaging?
 - Disposal method (e.g. incineration, landfill)?

Please could you inform me if you have any availability before the New Year to have a conference call with RIVM and us at RPA?

Please note - I recognise that you are responsible for the Fluoropolymers section of Plastics Europe. As you may know, we have also had contact from 5.1.2e that she intends to provide a response to the questionnaire. I would like to clarify if you will be discussing fluoropolymers only, and therefore please could you advise if it would make sense to have a separate meeting with 5.1.2e to discuss other PFAS substances?

Best Regards

5.1.2e

5.1.2e

5.1.2e

Risk & Policy Analysts Ltd

31-35 Kirby Street, London, EC1N 8TE, UK

Direct: 5.1.2e Switchboard: 5.1.2e

E: 5.1.2e @rpald.co.uk

W: <https://rpald.co.uk/>



Follow us on...



Please read RPA's COVID-19 Business Continuity Statement at <https://rpald.co.uk/covid19>

This message may contain privileged and/or confidential information. If you have received this message in error, please notify us and remove it from your system.

Risk & Policy Analysts Ltd is a company registered in England and Wales. Registered number: 2484467. Registered office: Suite C, 2nd floor, The Atrium, St Georges Street, Norwich, Norfolk, NR3 1AB, England

From: 5.1.2e <5.1.2e@plasticseurope.org>

Sent: maandag 30 november 2020 18:20

To: 5.1.2e <5.1.2e@rivm.nl>

Cc: 5.1.2e <5.1.2e@rivm.nl>

Subject: RE: Possibility of an extension of deadline to respond to your consultants' questionnaire

Dear 5.1.2e,

Thank you for wiliness to join a call with RPA. I am sure that RPA will contact me in the coming days to find an appropriate date.

Kind regards,

5.1.2e

PlasticsEurope

Rue Belliard 40, box 16, 1040 Brussels - Belgium

Phone 5.1.2e

Mobile 5.1.2e @plasticseurope.org

www.plasticseurope.org



*Acting through Oaks & Reeds

Transparency Register identification number: 454264611835-56

PlasticsEurope is one of the leading European trade associations with centres in Brussels, Frankfurt, London, Madrid, Milan and Paris. We are networking with European and national plastics associations and have more than 100 member companies, producing over 90% of all polymers across the EU27 member states plus Norway, Switzerland, Turkey and UK. The European plastics industry makes a significant contribution to the welfare in Europe by enabling innovation, creating quality of life to citizens and facilitating resource efficiency and climate protection. Over 1.6 million people are working in close to 60,000 companies (mainly small and medium sized companies in the converting sector) to create a turnover of more than 360 bn EUR per year. The plastics industry includes polymer producers - represented by PlasticsEurope, converters - represented by EuPC - and machine manufacturers - represented by EUROMAP. For further info see the web links: www.plasticseurope.org, www.plasticsconverters.eu, www.euomap.org

This email and any attached documents contain confidential information which is destined exclusively for the intended recipient(s).

From: 5.1.2e [5.1.2e@rivm.nl]

Sent: Monday, November 30, 2020 1:20 PM

To: 5.1.2e <5.1.2e@plasticseurope.org>

Cc: 5.1.2e <5.1.2e@rivm.nl>

Subject: RE: Possibility of an extension of deadline to respond to your consultants' questionnaire

CAUTION – EXTERNAL EMAIL ! Do not click on links or open attachments unless you recognise the sender and know the content is safe.

Dear 5.1.2e,

I would like to come back on your request for a video call. In my previous email I have indicated that I will discuss your request with the other countries involved in the PFAS restriction work. Since the Netherlands is coordinating the research work on (the manufacture of) fluoropolymers, we agreed last week that I would contact you. We propose not to have a separate video call, but we would rather like to suggest to combine this with a next meeting organized by RPA to collect/discuss information on fluoropolymers. From the Netherlands, 5.1.2e and I can join the meeting. You can present the fluoropolymer industry and we can explain the ongoing activities for the PFAS restriction.

Kind regards,

5.1.2e

5.1.2e

5.1.2e

@rivm.nl

RIVM, Centre for Safety of Substances and Products

Antonie van Leeuwenhoeklaan 9 | 3721 MA Bilthoven | The Netherlands

P.O. Box 1 | 3720 BA Bilthoven | www.rivm.nl/en

www.chemischestoffengoedgeregeld.nl

Dit bericht kan informatie bevatten die niet voor u is bestemd. Indien u niet de geadresseerde bent of dit bericht abusievelijk aan u is verzonden, wordt u verzocht dat aan de afzender te melden en het bericht te verwijderen. Het RIVM aanvaardt geen aansprakelijkheid voor schade, van welke aard ook, die verband houdt met risico's verbonden aan het elektronisch verzenden van berichten. www.rivm.nl De zorg voor morgen begint vandaag

This message may contain information that is not intended for you. If you are not the addressee or if this message was sent to you by mistake, you are requested to inform the sender and delete the message. RIVM accepts no liability for damage of any kind resulting from the risks inherent in the electronic transmission of messages.

www.rivm.nl/en Committed to *health and sustainability*