

Subject: :FW: Concawe activities on Benzene

From: [REDACTED] <[REDACTED]@echa.europa.eu>
Sent: Thursday, June 29, 2017 10:20 AM
To: [REDACTED] <[REDACTED]@echa.europa.eu>; [REDACTED] <[REDACTED]@echa.europa.eu>
Cc: [REDACTED] <[REDACTED]@echa.europa.eu>; [REDACTED] <[REDACTED]@echa.europa.eu>
Subject: FW: Concawe activities on Benzene

Dear Both,

Some information from Concawe. I will reply and ask for his availability for a possible meeting.

Best,

From: [REDACTED] <[REDACTED]@concawe.org>
Sent: 27 June 2017 17:55
To: [REDACTED] <[REDACTED]@echa.europa.eu>
Cc: [REDACTED] <[REDACTED]@concawe.org>; [REDACTED] <[REDACTED]@concawe.org>
Subject: Concawe activities on Benzene

Dear [REDACTED]

[REDACTED], who you have spoken to at the member state committee meeting a couple of weeks ago, has given me your email address to contact you about Benzene.

I understand that you are working on a report on Benzene that will be discussed at the RAC in September.

As [REDACTED] might have already told you, Benzene has been and still is a priority topic for Concawe and especially Concawe Health. Some relevant work that we have recently completed or is still ongoing :

- A project that aims at compiling risk management measures that are currently in place in the refining sector and downstream operations that are successful in controlling short term peak exposures to Benzene, i.e. within current OELs. This "RMM project", as we refer to it, is currently being finalized and a draft report is expected by the end of August
- The RMM project is follow up work from the Concawe "pooled analysis" which was completed in 2012, and might be of interest to you as well: <https://www.concawe.eu/publication/a-new-pooled-analysis-of-benzene-effects-on-human-health/>
- A project addressing the ongoing "low dose" Benzene debate: re-analyzing the data that is used to suggest a potential supra-linear dose response curve at low-dose Benzene exposures. This project has been finished, and we have two research papers currently under review and one "opinion paper" accepted already by "chemico biological interactions".
- A next phase of the previous project is being scoped out, which would focus on additional databases out there to include in an extended analysis of this issue – and then potentially conducting additional exposure measurements to obtain new datapoints for analysis
- We have an extensive analytical programme done, which includes Benzene measurements where relevant (concentration levels in bulk materials, e.g., refinery stream "typicals"), as well as updated exposure assessments on Benzene relevant petroleum streams
- For our DNEL calculations we work with the "lower olefins and aromatics (LOA)" consortium

From the top of my head these are the main topics. I'm more than happy to have a meeting including our main experts on the topic, to elaborate a bit further on this and perhaps they can add things that I might have overlooked.

I can also share reports for your information in case you're interested, but please be aware that some work is still ongoing and other publications still under review.

Kind regards,

[REDACTED]

[REDACTED] PhD, ERT

[REDACTED]



Boulevard du Souverain 165
B-1160 Brussels, Belgium

[REDACTED]

[REDACTED]

[REDACTED]@concawe.org

www.concawe.org



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