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Sent: Friday, July 7, 2023 4:09 PM

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Subject: Meeting Nanoramic and European Commission 4 July 2023 - Thank you and slides

CONFIDENTIAL

Dear [REDACTED]

We thank you for meeting with Nanoramic® Laboratories earlier this week - and your interest in our innovative electrode technology: Neocarbonix® at the Core (Neocarbonix).

As explained, and as can be seen from attached slides that we presented, the use of Neocarbonix in Lithium-Ion Batteries (LIB) helps directly to:

- bring the cost of LIB €/Wh down by 27%
- increase the energy density by 35% (extending range of an EV with 30%, for example)
- enable fast-charging in 15 min and less
- reduce energy consumption of electrode manufacturing by 75% with a corresponding reduction in CO2 emissions by up to 25%
- improve recyclability of LIBs
- substitute the use of 2 Substances of Very High Concern (PFAS and NMP)

Nanoramic does not want to opine on regulatory outcomes - but it is evident that the Batteries Regulation and the PFAS Restriction proposal are some of the EU policies that could be conducive to further scale-up of Neocarbonix.

On the latter - we spoke about the technology that we developed to improve the use of carbon in cathodes (in a 3D scaffolding structure), thereby substituting the need for PVDF as glue to hold the active material in such cathode together (and hence another SVHC: NMP that is needed to treat PVDF). Slide 6 gives a visual overview of this technological substitution. The presentation also shows that this is a drop-in solution that is economically viable and can be rapidly scaled (through licensing). Further market-evidence of this is the [investment from GM Ventures to advance the development of low-cost, high-performance EV batteries](#).

In order for you and ECHA to make a better-informed decision about the course of the PFAS restriction, we hope our meeting and attached presentation help to serve as further evidence that alternatives exist for the use of PFAS in LIB (and, as discussed: there are other companies that offer other alternatives too). We have taken note of your encouragement to participate to the consultation – and are currently assessing how to do this in an appropriate way.

As explained, confidentiality is key: This goes for any alternative provider, but certainly for us – so we would urge you to treat this presentation and the information shared amongst us, as such.

We enjoyed meeting you and thank you once more for your interest and many questions. We remain at your disposal throughout the process if you have more questions / or if we can be of any further help.

Kind regards,

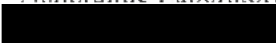


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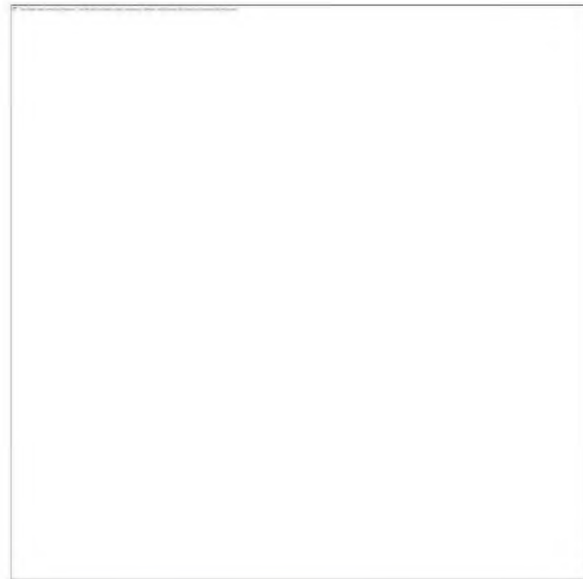
Best regards / Mit freundlichen Grüßen,



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