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Dear Pia Alina Lange,

I have the pleasure to invite you to participate in a unique European effort to produce a transparent state-of-the-art and future-oriented Life Cycle Inventory database for e-mobility.

Leiden University – The Institute of Environmental Sciences (CML) is currently coordinating a project proposal for the KIC-EiT Raw Materials 2021 call on 'Sustainable Materials for Future Mobility', particularly the lighthouse 6.2, topic 4. aiming 'towards an improved Life Cycle Inventory database […]'. Ghent University is one of the consortium partners. See for more info here and here.

Our basic idea is to offer a database that will create a competitive edge for European industries anywhere along the e-mobility value chain. The database will allow participants to create LCA-based environmental product profiles for their products with minimum efforts as well as information about responsible and ethical sourcing of their raw materials. Another unique property of the database will be that it will not only contain up-to-date information but also extrapolated future-oriented datasets for key raw and advanced materials related to the e-mobility sector.

For this purpose, a consortium (the TELRAM consortium) has been set-up including carefully selected key-players in the fields of Life Cycle Assessment and critical raw materials resulting in the following preliminary core partners: Leiden University, University of Bordeaux, IVL Sweden, and Ghent University. As a start, the TELRAM consortium aims to develop an approach to achieve up-to-date and future-oriented data sets for all processes of entire value chains of batteries and electric motors (mining and processing, manufacturing, production of batteries, and recycling), and the following raw materials: lithium, cobalt, graphite, nickel, manganese, and rare earth elements. TELRAM will develop datasets that are supported by related individual industries and/or industry associations as much as possible, replenished by advanced modelling and estimation when data cannot be provided by industry or data gaps exist.

Considering the key role of your company in the e-mobility value chain, we would like to invite you to either:

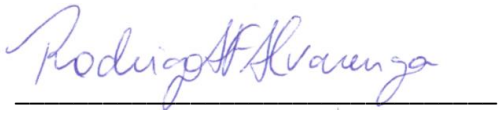
- join our consortium as full partner with own (in kind) funding making data for your production processes available (in such a way that it is acceptable for you in terms of non-disclosure) that can be used for performing life cycle assessment studies including our products. Your contribution could range from a week to a couple of person-months per year;
- support the project and the development of the database mentioned by signing a letter of Intent.

If you are interested, we will send you a pre-drafted letter of intent that you can adapt as needed.

If you have any questions, just let us know. I have cc-ed Jeroen Guinée and Rene Kleijn from CML, who are coordinating our consortium.

I hope to hear from you soon.

Best regards,



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