Arjen Koole

Van: Arjen Koole
Verzonden: maandag 4 juli 2022 09:46
Aan: Arjen Koole
Onderwerp: Herziening ARGE EPD's - input gevraagd
Bijlagen: EPD Experts nominated by National Associations in sping 2022.xlsx

Aan de leden van de VHS Werkgroep Kwaliteit en Regelgeving

Beste leden,

Zoals eerder aangekondigd worden de ARGE EPD's dit jaar herzien. Het traject hiervoor is inmiddels, ondanks enige vertraging gestart.
Vanuit ARGE wordt gevraagd om input vanuit de leden voor het volgende:

B. Contribution required from ARGE's experts:

1. For all 14 EPD proofreading of current content of part *'2. Product'* and part *'8. References' (only the product related references)* and information about any amendments needed there (e.g., because of the revision of an EN standard)
2. For all 14 EPD providing information whether the respective product (group) does or could contain the heavy metal lead (Pb) in its components
3. Input for the evaluation of the considerations regarding the EPD for Electromechanical hardware, Single-axis hinges, and Door closers (see box above)
4. Any other contribution which seems feasible

Zie ook onderstaand bericht en de bijgevoegd document (met de reeds aangemelde personen en op blad 2 een link naar de officiële ARGE EPD's).

Indien jullie interesse hebben om hier een bijdrage aan te leveren hoor ik het graag met ook vermelding voor welke EPD('s).

Voor de volledigheid wil ik hier aan toevoegen dat het traject voor aanpassing aan de Nederlandse eisen en opname in de Nationale Milieudatabase hieraan separaat loopt, maar geen onderdeel is van het hier gevraagde.

Met vriendelijke groet,

VHS
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Onderwerp: ARGE EPD: Your valued cooperation in the reissue 2022

Dear all,

At the ARGE Members' Online Working Meeting 2021, the **members of ARGE, which are the National Associations of Lock and Building Hardware Manufacturers**, **decided to have the 14 ARGE EPD reissued according to EN 15804+A2, and to get an EPD for access control hardware developed and published.** Details of the decision on the reissue were minuted as follows:

All existing 14 EPD will be reissued under EN 15804+A2:2019.

a. The EPD for ***Electromechanical hardware*** will remain to cover all five types of electromechanical hardware (
Electromechanical cylinders, Electromechanical handles, Electromechanical push button locks); no splitting
EPD will be undertaken. EPD shall be checked whether ***Swing door operators*** can be included as well. Wordi
potentially underpinned by the photos selected – should make it easier for users of the EPD to relate the EPI

b. The two EPD for ***Single-axis hinges*** and ***Door closers*** shall be evaluated whether certain comparable product
closers including ***Guide rails*** and ***Floor springs***, and ***Single-axis hinges*** having its name changed to include al
hinges.

c. In all EPD an amended wording in '***2.6 Base materials / Ancillary material***' should facilitate that the specific
similar materials.

d. **Text of all EPD shall be checked** for potentially requiring amendments (e.g., due a revision of the respective

Earlier this year, ARGE inquired with its members about **experts being prepared to contribute to the work of reissuing the 14 ARGE EPD under EN 15804+A2** as well as to the **creation of an EPD for access control hardware**. As a result of this 'call for experts' your name was forwarded to me, respectively some of you contacted me directly. Thank you for your willingness to support ARGE in this project! This is highly appreciated!

Although it was planned to start the work already in spring, we had to postpone it because of ARGE's consultant, Dr Frank Werner, was under the obligation to accept an unscheduled follow-up order from the Swiss Federal Office for the Environment which kept him fully occupied until end-June. Frank is available for the ARGE task as of as of now and will work on the reissue of all 14 EPD during summer.

Please find attached an Excel doc, containing two sheets:

- Sheet *'Nominated experts'* shows all names of experts as I received them, whereby for a number of experts the indication for which of the 14 EPD the expert will be available has been given already and is shown as well.
- Sheet *'Links to EPD'* provides the links to the current EPD on IBU's website.
- For your convenience, the dates at which the validity of the individual EPD expire are stated on both sheets.

Gap of some weeks between expiry of some of the current EPD and publishing of the reissued EPD

As the validity of the 14 ARGE EPD will expire between 4th September and 15th December, I asked the Managing Director of IBU, Dr Alexander Röder, for a further extension of the validity of our EPD (IBU is ARGE's EPD programme holder). He informed me that – as our EPD will have been valid for 6 years when they expire – another extension is not possible due to IBU's rules for managing EPD which limit the validity to a maximum of 6 years. Unfortunately, this means that the validity of several of the current EPD will expire some weeks before the reissued EPD will be published (estimated in October 2022). This is obviously not what we had planned, but the delay was beyond the ARGE's control. We are sorry for any inconvenience which the companies using ARGE EPD might experience.

Against this background, **we will focus on the reissue of the current 14 EPD in Q4/2022 and will take up the task of creating a new EPD for access control hardware after summer.** Thus, this new EPD can be expected to be available in H1/2023.

Work allocation for the reissue of the 14 EPD

A. Content of Frank Werner's work:

1. Modelling of the life cycle of the products as generic LCA model, incl. update of the scenario assumption and completion of module D (the modelling will allow for a simple assessment of additional products or the assessment of different national scenarios)
2. Import into the LCA software
3. Assessment of LCA according to EN 15804+A2, interpretation, creation of import files into IBU database
4. Update of the 14 EPD (conversion, completion of supplementary information according to +A2, update of normative references)
5. Support of verification process

B. Contribution required from ARGE's experts:

1. For all 14 EPD proofreading of current content of part *'2. Product'* and part *'8. References' (only the product related references)* and information about any amendments needed there (e.g., because of the revision of an EN standard)
2. For all 14 EPD providing information whether the respective product (group) does or could contain the heavy metal lead (Pb) in its components
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Reissue of EPD in relation to national requirements in France and the Netherlands

Due to the specific national requirements in these two countries, Frank Werner will work directly with the ARGE members in France (UNIQ) and in the Netherlands (VHS), without involvement of ARGE.

Actions to be undertaken short-term:

As the holiday season has begun, it would be difficult to arrange a kick-off meeting with Frank and all ARGE expert in a timely manner. In order to not lose more time, I would like to ask you the following:

- All persons listed in the Excel document: Please check the entry by your name on the sheet *'Nominated experts'* and let me know whether the details stated are correct. All persons listed for whom no specific EPD is/are ticked, please let me know for which EPD you will render your support. In case you would wish to delegate the work to a colleague in your company or involve such colleague in addition, just provide me with the respective name and email address. Your feedback is appreciated by 25th July latest.
- All EPD experts who will provide support: Please start looking at the current EPD and provide me with your suggested changes (see above under 'B. Contribution required from ARGE's experts'). As the EPD on IBU's website are pdf docs, you can use the notes/comments function in Adobe Acrobat and send me the doc with your comments. Alternatively, you can simply write your suggested amends into an email. Your feedback is appreciated as soon as you are able to do so, latest by 5th August.

I will have a video meeting with Frank Werner asap at which I will not only but also address the EPD for Electromechanical hardware, Single-axis hinges, and Door closers, and subsequently will follow-up with you.

Concerning queries which might turn up in relation to the one or the other EPD, I envisage video meetings with the experts involved, at which such specific matters will be discussed and decisions made.

Other interesting developments in relation to EPD:

CEN EN standard for a complementary Product Category Rule (c-PCR) for building hardware is in the publishing process

Frank Werner was not only the verifier of the current ARGE EPD – with a gratifyingly cooperative way of working – but has been consulting ARGE at certain occasions successfully since, most recently in establishing the draft for an CEN EN standard for a complementary Product Category Rule (c-PCR) for building hardware. The result of this work under CEN/TC 33/WG 4/TG 1 – driven by ARGE experts under the lead of Frédéric Ducloyer – is the CEN FprEN 1761 which successfully passed the Formal Vote in May and is in the publishing process now. As ARGE was the initiator and driving force in creating this standard, the current ARGE PCR for building hardware is reflected in this EN standard. Hence, the reissued ARGE EPD will be fully compliant with the new EN standard

ISO/EN Standard for EPD for BIM

ISO/EN 22057:2022 was published in April 2022 and provides the principles and requirements to enable environmental and technical data provided in EPDs for construction products and services, construction elements and integrated technical systems to be used in BIM to assist in the assessment of the environmental performance of a construction works over its life cycle.

An abstract of this ISO/EN 22057:2022 (Sustainability in buildings and civil engineering works — Data templates for the use of environmental product declarations (EPDs) for construction products in building information modelling (BIM)) can be found here: https://www.iso.org/standard/72463.html

Machine-interpretable EPD will be a subject to be addressed by ARGE in the coming years.

EPD in EU in Construction Products Regulation (CPR)

The European Commission published a proposal for the revision of the CPR on 30th March. In relation to the Basic Requirement for Construction Works "Sustainable use of natural resources of construction works" the defined essential characteristics are a 1:1 copy of the indicators as listed in EN 15804:2012+A2:2019, the standard on which the reissued ARGE EPD will be based. This means that the reissued ARGE EPD will be future-proof concerning a revised CPR in case the EC proposal will be followed concerning sustainability, which is to be expected.

Against the background that the European Commission considers to include complementary Product Category Rules in future Standardisation Requests to CEN for establishing harmonised standards, it is proving to be a valuable proactive measure taken by ARGE to drive the development of an EN standard for c-PCR for building hardware.

Dear experts, once again my apologies for starting this project delayed and with no kick-off meeting due to the holiday season. Despite this situation and a certain time pressure we will not compromise on quality of our work. I sincerely look forward to a fruitful cooperation. Your support is highly appreciated!

In case of any queries, please don't hesitate to get back to me. I will be available throughout the summer and will be out of office just for a few days in the second half of August.

Kind regards

Hans

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