



WG I Technical Issues

Eva Schmincke 24.09.2013

WG I technical issues



★ What are technical issues?

- ★ Refer to requirements and guidance given by
 - the relevant standards in the **CEN TC 350 project of sustainable construction works:**
 - EN 15804; EN 15643-1/2; EN 15941; EN 15942; FprEN 16309,
 - the standards **relevant for EN 15804 on ISO level:**
 - ISO 14040/44; ISO 14025; ISO 14020; ISO 21930,
- ★ Requirements and guidance to further develop EPD in the European construction sector
 - E.g. international compliance, additional information, calculation tools

Examples



★ Discussion of general issues:

- Is it possible to verify a Type III EPD directly to the EN 15804 standard? Do we need country specific PCR?

★ Clarification of details:

- Indicator net use of fresh water
- Different types of average EPDs
- How to deal with site installed construction elements, External Thermal Insulation Composite Systems (ETICS), or on site production transport concrete
- Allocation of co-products in steel production
- End of waste for secondary inputs in cement kiln

Tasks of WG I



★ Provide a common implementation of EN 15804 standard throughout Europe by:

- Identifying technical issues in the standard that will profit from a common interpretation
- Providing common solutions for program operators
- Providing comments for CEN TC 350 as a liaison partner, for this a liaison status is needed
- Supporting the guidance document developed in CEN TC 350
- Supporting further development of EPD in the construction sector

Why it is important for ECO Platform members to participate!



Construction industry asks for EPD applicable throughout Europe..

....but there still are some barriers!

- ★ The CEN TC 350 project of sustainable construction works is mandated, but implementation is voluntary.
- ★ EN 15804 was written by 28 voting members in Europe and many industry and societal liaisons. This broad consensus across many languages and interests is liable to include text that is still open to interpretation.
- ★ Program operators have issued EPD based on ISO 14025 and ISO 21930 before EN 15804 was published and have taken different routes to implement the standard.

Why it is important for ECO Platform members to participate!



....and we can lower them substantially when:

- ★ The ECO Platform members have committed themselves to EN 15804 and to sharing practical experience with common interpretation and use of EN 15804
- ★ Program operators starting to set up a program can profit by starting on a common level.
- ★ The information tool “EPD” can be further developed by this common platform picking up information demands from society

Timeline



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- ★ During the preparatory stage of the ECO Platform we decided to work in sequence with issues of verification and technical issues in order to keep the **voluntary!** input at a limit. Among WG I and II, the members have a large overlap.
 - ★ Finalisation of WG II task (verification content and procedure) is a priority in 2013.
 - ★ Therefore WG I should start to organise its work in the last quarter of 2013.
 - ★ Proposal is to start organising the group in a **webinar**. An invitation will go out to all ECO Platform members:
 - ★ **Oct 24th from 15:00 to 16:00 CET.**



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