

ISO/TC 130/TF 1
ISO/TC 130/TF 1 - Carbon footprinting
Email of secretary:
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Inaugural Meeting Minutes 22/04/2010

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Background: [Inaugural Meeting Minutes 22/04/2010](#)

These minutes are for distribution to all participants in the inaugural meeting of Task Force 1 which took place in St Gallen, Switzerland on the 21st April, 2010. The distribution list includes numerous people who are not listed in the ISO Global Directory, but who took place in the meeting.

For some reason beyond my understanding the ISO server insists on renaming this document 2010 minutes which is not what it's called. Apologies for this.

Committee URL: <http://isotc.iso.org/livelink/livelink/open/tc130tf1>

ISO/TC 130 TF 1 – Carbon Footprinting of Print Media

Date of document: 2010-04-22

Expected action: Information & Reference

Minutes & Actions for Meeting 21/04/2010

There were 25 in attendance plus 11 online. Many of the participants are not listed in the ISO Global Directory, however they will be sent the minutes of this meeting.

The agenda (N 0017) as posted on the ISO server was approved and completed, with the meeting overrunning by 10 minutes.

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|---|---------------------------------------|----------------|
| 1 | Convenor's introduction and apologies | |
| 2 | Roll call of experts and observers | Per Appendix A |
| 3 | Approval of draft agenda | Approved |
| 5 | Statement of Purpose | |
- This discussion took place prior to the Country reports and addressed participants' concerns and recommendations for changes to the Statement of Purpose. This document is being revised to reflect the Task Force's requirements viz that the focus should be specific to print media, with a view to expanding the group's remit to include digital media at a later date.

Considerable concern was expressed that the framework methodology used for the Task Force's work should have the scope to address all requirements of a carbon footprinting for print media standard.

The group will recommend to TC 130 the establishment of a working group to develop an implementation document for the ISO draft 14067 framework methodology, combined with PCRs.

Subject to the establishment of such a working group, liaison and input to TC207 would be strengthened with a view to establishing a Joint Working Group, with TC 130 as the JWG secretariat. A similar liaison could be established with other ISO TCs working on digital media.

Through the liaison between TC 130 and TC 207 the group will comment on ISO draft 14067.

Action: All meeting participants are requested to submit to the convenor important characteristics of print, that should be covered in the revised Statement

of Purpose and the subsequent report to TC 130.

Action: All meeting participants are requested to submit to the convenor details of other ISO Technical Committees with which TC 130 could collaborate to further the carbon footprinting of digital media.

Action: All meeting participants will consider participation in their national mirror committees to TC 207.

Action: The convenor will revise and circulate the Statement of Purpose to reflect these changes.

Action: The convenor will prepare a draft report to TC130 based on the Statement of Purpose and for submission to TC 130.

4 Introduction from members: Country reports
A presentation by Craig Revie per pro Japan elaborated on the guidance documents submitted prior to the meeting, focusing on the emphasis on downstream process management in Japan. (N 0025, N 0026, N 0027, N0029)

A presentation by Joe Czyszczewski per pro the USA elaborated on the guidance documents submitted prior to the meeting, with additional information: of 209 US printers surveyed, 67% had FSC certification, 41% had Environmental Management Systems, although not all were ISO certified and 13% actively measure their carbon footprint. (N 0022, N 0023, N 0024)

Of the many carbon calculators surveyed in the US, over 50% were developed to measure paper, but people are rushing to come up with their own. Most of this work is supply chain driven with companies such as Walmart and IBM requiring EMSs and CF data.

A presentation by Luc Lanat per pro France explained the Bilan Carbone initiative which is towards continual improvement, rather than one-off carbon footprint measurement of an organisation. This work is based on the ADEME framework methodology. An environmental labelling project is now underway, with a working group established to do this work. This work could be extended to include printed products.

Action: Luc Lanat is requested to submit to the convenor this presentation for distribution to meeting participants.

A presentation by Laurel Brunner per pro the UK reiterated the documents submitted prior to the meeting. (N 0021) the interest of the UK to include expertise and experience of individuals working in this field, and the need for accurate data.

As part of the country reports, it was discussed to use the term Environmental Footprint instead of Carbon Footprint, to incorporate the full range of impact criteria.

Action: All participants are requested to list what they consider to be important in a carbon calculator (the scope); these criteria to be compiled into a single list.

6 Report of the convenor on the work of TC 207 on ISO 14067

TC207 is gathering comments on ISO draft 14067.

Action: All meeting participants are requested to submit to the convenor comments on ISO draft 14067, no later than the 30th May 2010.

7 Review and discussion of CO₂ footprinting methodologies

Karl Meineke of bvdM presented the bvdM's carbon calculator which is used by 127 German printing companies.

It was agreed that the scope of a standardised method for measuring carbon footprints needs to be established.

Action: Karl Meineke is requested to submit this presentation to the convenor for distribution to meeting participants.

Action: All participants are requested to submit a summary of the scope of any carbon calculators of which they are aware, with a view to creating a single list of criteria, against which carbon calculators can be compared.

8 Review and discussion of PAS 2050, ISO draft 14067 and their relevance for this work.

Following extensive discussion of framework methodologies in the context of the work of this group, it was agreed that the group's work should be aligned with ISO initiatives. Therefore PAS 2050 has no role in this group's work.

8.1 Review and discussion of other framework methodologies

Interest was expressed in the different framework methodologies available, but few participants had knowledge of the options.

Action: Joe Czyszczewski will submit for circulation to the group a summary for feedback and possible future liaison of the five leading framework methodologies suitable for the work of this group.

8.2 Understanding PCRs: definition of PCRs for print products

Many members of the meeting were unfamiliar with the concept of PCRs and expressed concern that they are being developed by nonprinting industry professionals. It was agreed that a closer cooperation with the EPD and equivalent organisations would be desirable. It was also agreed that work was required to define rules and manage processes related to PCRs.

Action: Davide Biancorosso will contact EPD in Europe with a view to liaison.

Action: Joe Czyszczewski will contact the Sustainability Consortium in the US with a view to liaison.

8.3 Discussion of industry initiatives such as CEPI Ten Toes and Intergraf's 13 point recommendations

It was agreed that these initiatives should be incorporated in the work of the group.

Béatrice Klose explained that the decision not to include end of life data was due to the very high number of variables involved, including disposal and recycling options.

The US Paper Task Force, established by the US Environmental Defense Force (an NGO) does not refer to the CEPI Ten Toes. As no member of CEPI participated in the meeting, it was not possible to get CEPI's view on this.

CEPI is working on an implementation document for the Ten Toes initiative however it has not been made public.

Action: Wilhelm Demharter will contact CEPI with a view to sharing the document by the end of the year.

Action: Wilhelm Demharter will prepare a comparison document explaining the various methods used to measure carbon footprints in the paper industry.

Action: Béatrice Klose will liaise with organisations equivalent to Intergraf in other parts of the world, to share Intergraf's 13 points and establish a dialogue towards common criteria.

Action: All meeting participants are encouraged to give their feedback on the both the CEPI Ten Toes and the Intergraf recommendations.

Action: Béatrice Klose will liaise with organisations equivalent to Intergraf in other

8.4 Use of embedded emissions values, data availability, reliability and probity

This complex discussion focused specifically on energy used during production, despite the fact that it constitutes only a small part of the carbon impact according to Davide Biancorosso.

It was agreed that further understanding is required of how kilowatt hours are calculated and turned into carbon dioxide impact information in the annual reports of energy companies.

Tim Strecker advised of work at LCI a US organisation is doing with paper companies to gather energy data. This work is not yet completed.

It was agreed that data values must be calculated and reported in a transparent way, despite the proprietary nature of data and the associated sensitivities of data owners. Guidelines will be required, incorporating requirements for average, estimated and measured values.

Action: Roger Stark of the VDMA will translate and submit to the group the sheet energy usage data for member company presses.

8.5 Discussion of Scope of Work for a possible TC 130 Working Group and future course of action

It was agreed that this should be based on a revised version of the Statement of Purpose.

Action: Laurel Brunner to draft a Scope of Work for consideration by the group and subsequent submission to TC 130 as part of the Task Force 1 Report.

8.6 Liaison matters

All members to work more closely with TC 207 in their countries. A possible Joint Working Group between TC 207 and TC 130 would facilitate this.

8.7 Summary of St. Gallen action items

A verbal summary of action items was agreed.

8.8 Requirements concerning a future meeting

The group would like to meet at the next TC 130 Plenary meeting in Brazil, 11th to 16th October.

It may also be desirable to have a web based meeting before then, subject to responses to action items arising from the meeting in St Gallen.

Action: Laurel Brunner to request one half day during the Plenary meeting for

Task Force 1.

8.9 Any other business
None.

Appendix A

Present in St Gallen:

Laurel Brunner, UK
Paul Lindstrom, Sweden
Frank Biedrerich, Adobe Germany
Hye-Jeong Ahn, Korea
Wilhelm Demharter, UPM, Belgium
Ingrid Amon-Tran, Heidelberg, Germany
Andreas Brandt, bvdm, Germany
Karl M Meinecke, bvdm, Germany
Gallus Hossli, Switzerland
Luc Lanat, Stora Enso, France
Hans Jürgen Böhm, Germany
Beat Kneubühler, Viscom
Christian Handler, Austria
Joe Czyszczewski, Infroprint Solutions, US
Uwe Betholdt, FOGRA, Germany
Christoph Gysin, Müller Martini, Germany
Supree Thongpetch, Thailand
Victor Asseiceiro, Italy
Biancorosso Davide, TAGA, Italy
George Battrick, EU Rotogravure Association
Benno Petschick, OCE
Craig Revie, Fujifilm UK (and Japan)
Roger Starke, VDMA
Elao de Sousa, ABTG, Brazil

Online:

Anna Lindblom; Edita, Sweden
Anna Drougge, BOLD Group, Sweden
Benoit Moreau, France
Betrice Klose,
Lucy Liu, China
Cherry Chui, China
Debbie Orf, US
Makato Matsuki, JPMA, Japan
Masaki Matsuo, Japan
Hitoshi Urabe, Japan
Bruno Mortara, Brazil