



## LCA on buildings - Streamlining the process with custom made tools and understanding important factors

Preliminary program for the workshop in Oslo, 11<sup>th</sup> of November 2015

Hosted by SINTEF Building and Infrastructure, Forskningsveien 3B, Oslo

**09.30 – 10.00** Meeting up and Coffee

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**10.00 - 11.15** Part One – The NORNET Network

- Welcome

*Reidun Schlanbusch, SINTEF, Norway*

- Introduction to the NORNET LCA Website

*Louise Quistgaard, SP, Sweden*

- Presentation of the results of the NORNET LCA survey.

- What are the challenges and ideas identified by the Swedish, Danish, Finnish and Norwegian industry partners? What are the common topics?

- ❖ *Group Discussion led by Tarja Häkkinen, VTT, Finland*

Outcome of part one:

A list of topics that the partners would like the network to study closer.

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**11.15 – 11.30** 15 min Coffee Break

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**11.30 – 12.00** Part Two –data sources and data quality

- *How did EPDs become so significant in the Norwegian building product market?*

*Jan Olav Hjermann, SINTEF Certification, Norway (10 minutes)*

- *International LCA harmonisation work with some examples (10 minutes)*

*Speaker not yet confirmed*

- ❖ *Questions and comments (10 minutes)*
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12.00 - 12.45

Lunch

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12.45 – 14.15

Part Three - Using LCA in different design stages

- Low-carbon buildings: How representative are LCA results at early design stages?  
*Diego Penalzoza, SP, Sweden*
- Design for low-carbon buildings  
*Tarja Häkkinen, VTT, Finland*
- Mini CO2 houses in Denmark, using LCA/CO2 to measure different design strategies.  
*Freja Nygaard Rasmussen, SBI, Denmark*
- ❖ *Discussion and input from the network led by Harpa Birgisdottir, SBI, Denmark*

Outcome of Part Two and Three:

A clearer overview of LCA for whole buildings

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14.15 – 14.30

15 min Coffee Break

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14.30 – 16.30

Part Four – Tools

- Experience from Denmark (LCAbyg) (15 min)  
*Harpa Birgisdottir, SBI, Denmark*
- Challenges and possibilities with BIM related tools
  - Standardizing BIM and using BIM in environmental assessment (20 min)  
*Bjørn Brunstad, Standard Norge, Norway*
  - Experience from Finland (15 min)  
*Mikko Tuomisto, VTT, Finland*
  - Experience from Norway (Klimagassregnskap.no) (15 min)  
*Eivind Selvig, Civitas, Norway*
- *Group Work, led by Reidun Schlanbusch, SINTEF, Norway:*  
  
*Make a "wishlist" of tool and tool features that would meet the need for making LCA simpler for the partners*

Outcome of Part Four:

Wishlist

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# Nornet LCA



16.30 – 16.45

Closing session

- Conclusions for the day

*Reidun Schlanbusch, SINTEF, Norway*

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