Comparing life cycle assessment modelling of linear vs. circular building components

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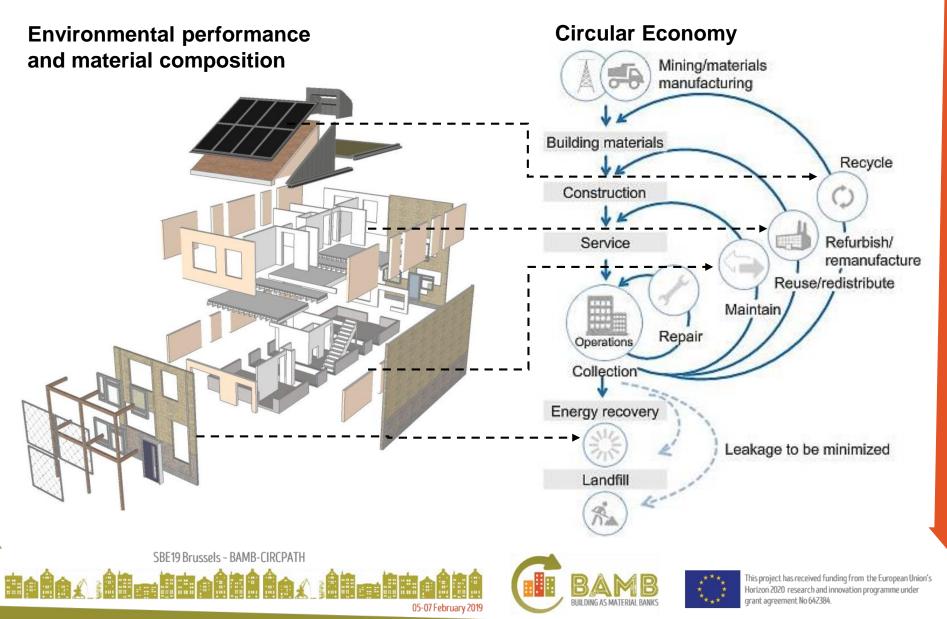
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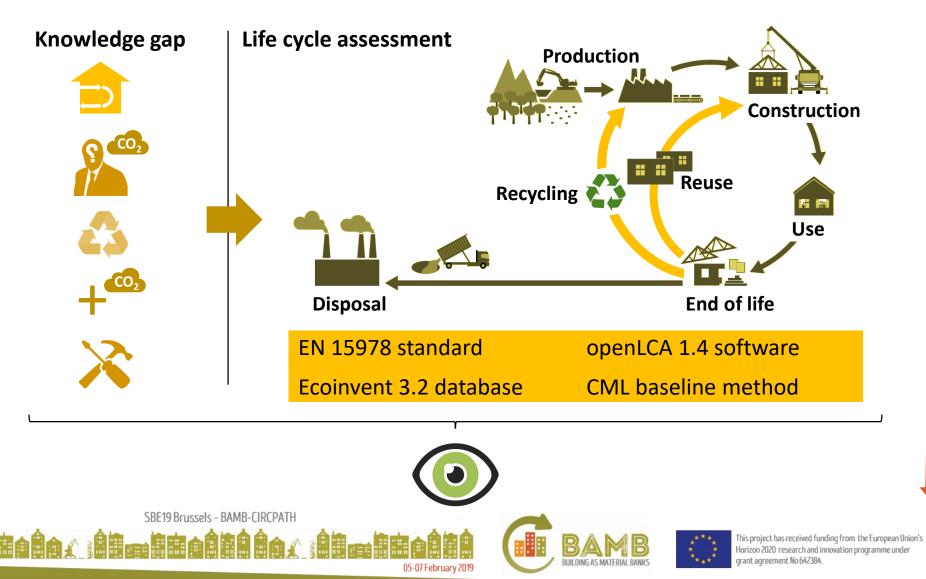




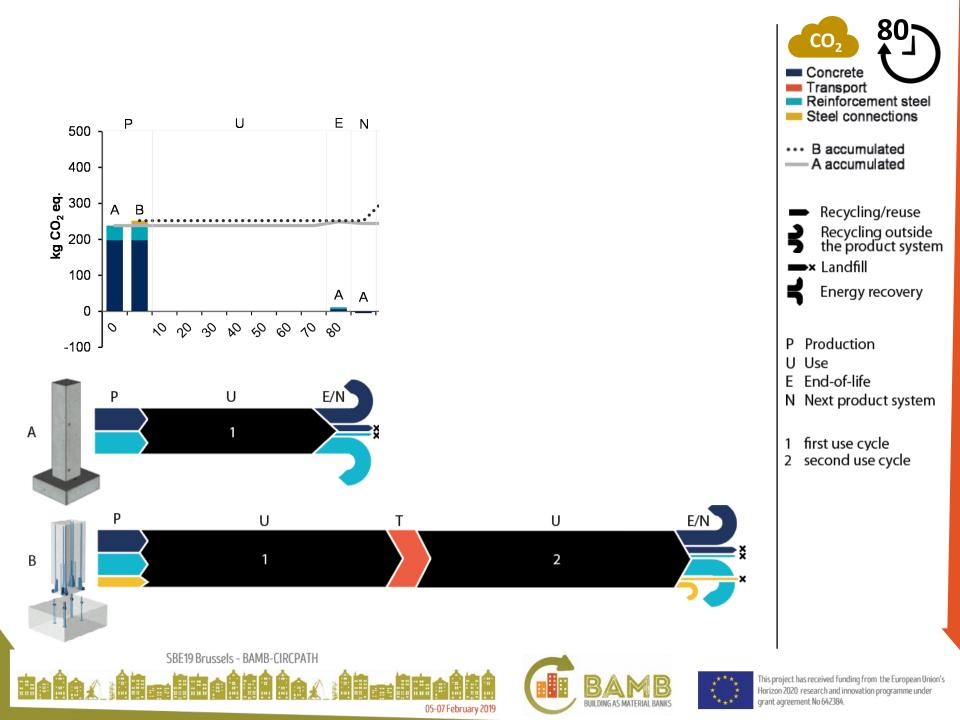
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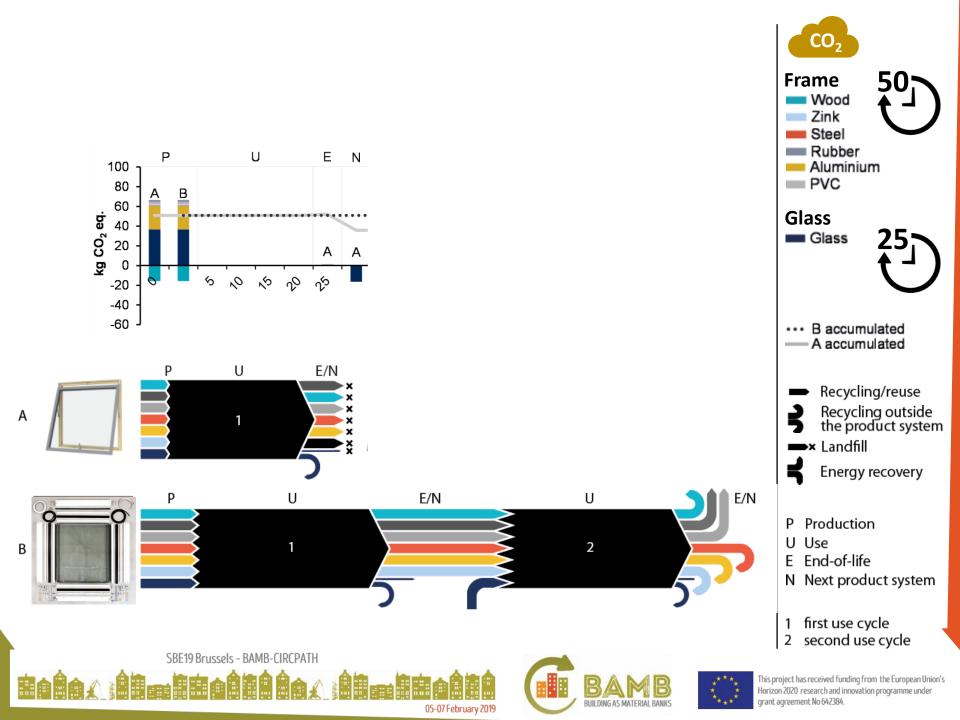


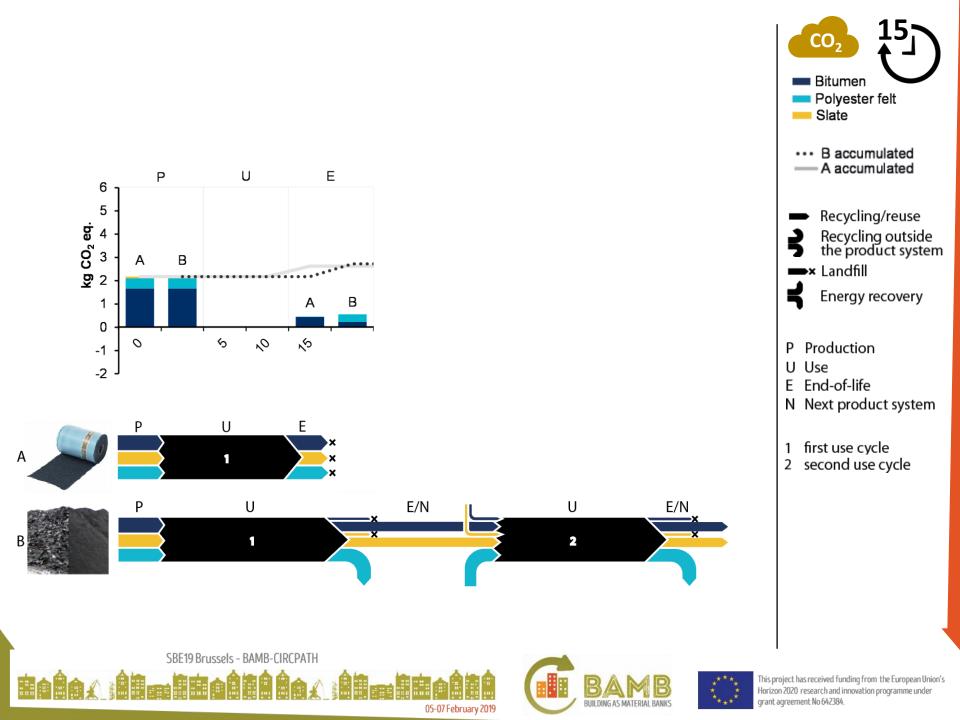
Knowledge gap from research to practice











Conclusion

The visualization approach shows:

- The material flows
- When and where impacts and benefits occur
- Size of impacts and origin
- Material losses and inputs
- Helps understand complex building components

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• Subsequent life cycle thinking

Future work

Things to keep in mind:

- Future circumstances
- Allocation methods
- Resource scarcity



