EPD, the current debate and challenges.

# **New environmental** indicators in EPD

CPE Workshop. 10 December 2015, Brussels.









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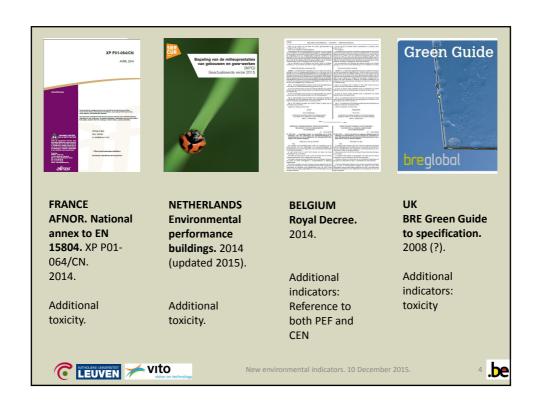
# Overview of this presentation

- 1. Background
- 2. Scope
- 3. Criteria
- 4. Policy relevance
- 5. Impact categories assessment
- 6. Possibilities

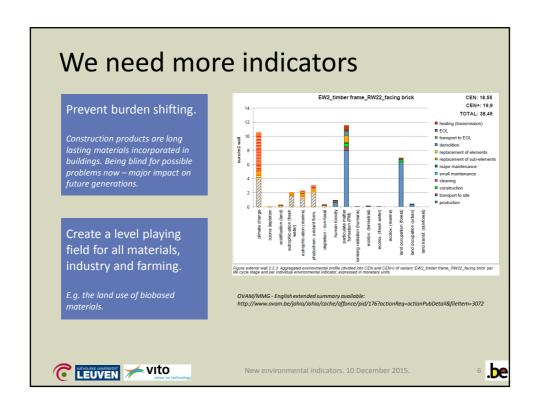




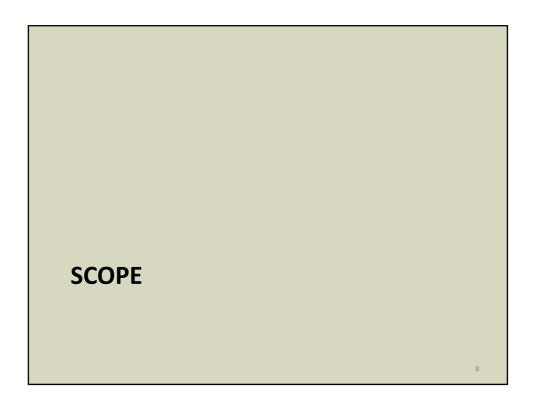
#### **BACKGROUND**



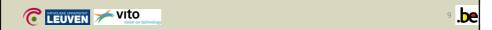


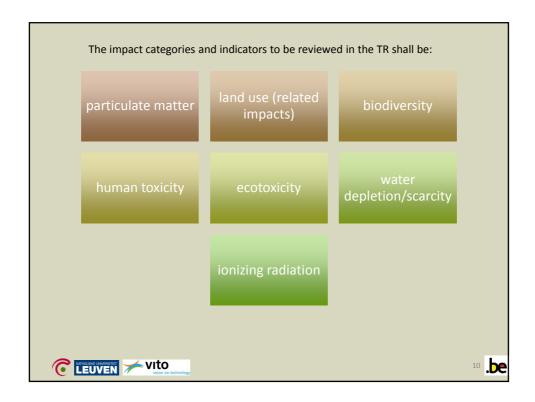






- Technical Report
- The current standards (EN 15978, EN 15804) contain 7 LCIA impact categories.
- CEN TC 350 wants to have a clear and structured view on the relevance and robustness of additional impact categories, models and indicators.
- This TR will be used as input for further discussions
- This TR shall describe the current state and should tackle following topics:
  - Defining criteria for the inclusion of impact categories and indicators in CEN TC 350 standards. Including
  - Examining the predefined set of impact categories and indicators according to the criteria
  - Proposing possibilities of incorporating them in the standard
- The list of impact categories is a predefined set and does not imply a recommendation for inclusion in the standards.
- Focus on LCA
- The starting point of the TR will include the outcome of the Brussels Workshop (June 2014) and the ILCD handbook recommendations.





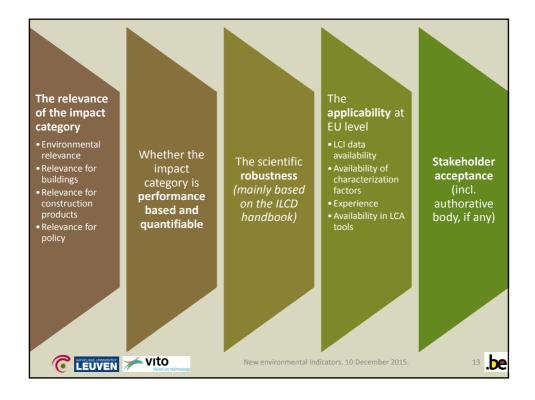
- During the writing of the TR several experts have been consulted, such as developers of impact assessment models, LCA software developers and experts from the EC-JRC.
- The TR is based on referenced sources and facts.
- A Technical Report (TR ≠ EN) is an informative document that
  provides information on the technical content of standardization
  work. It may be prepared when it is considered urgent or advisable
  to provide additional information to the CEN national members,
  the European Commission, the EFTA Secretariat, other
  governmental agencies or outside bodies.
- A Technical Report is established by a CEN Technical Body and approved through a simple majority vote by the CEN national members. It involves no obligation at national level.
- Drafting team: **University of Leuven and VITO**. With regular discussions and commenting rounds within CEN TC 350.



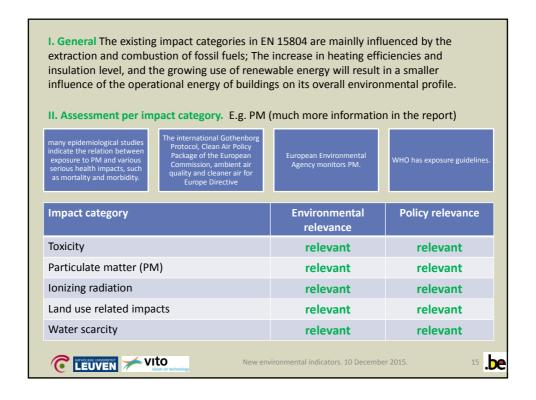
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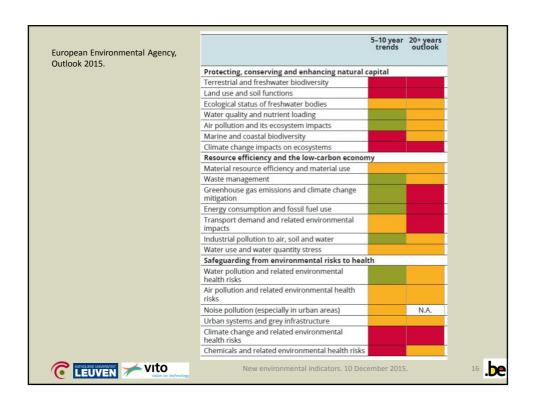
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**CRITERIA** 

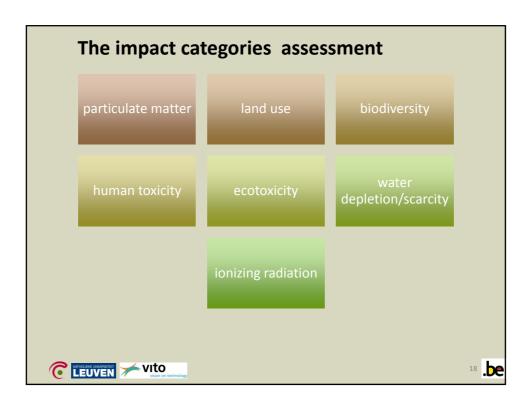


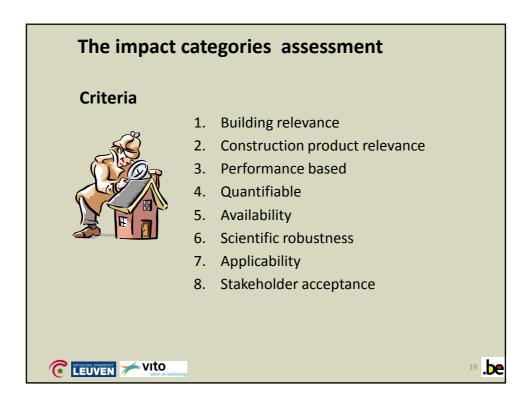
# POLICY RELEVANCE ENVIRONMENTAL RELEVANCE

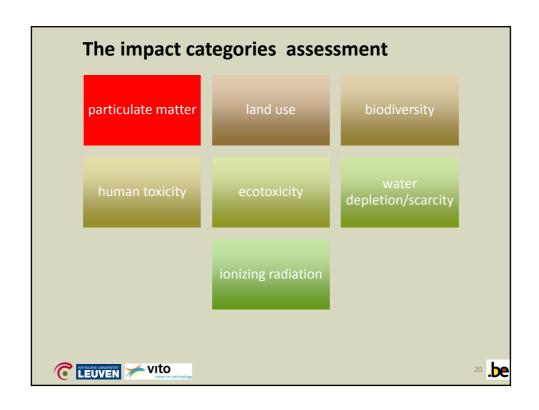


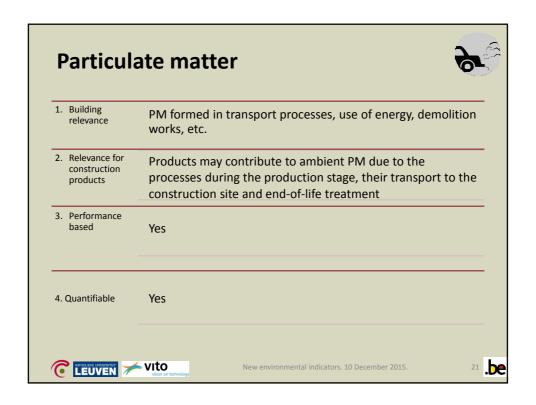


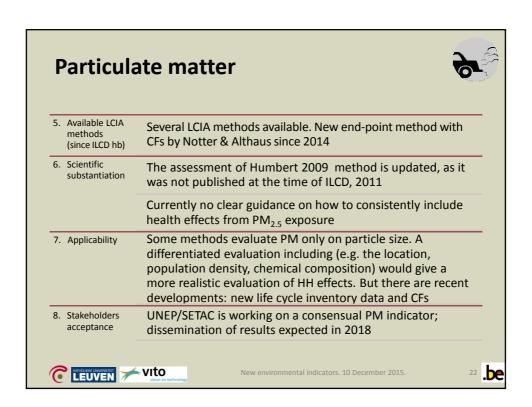
## **IMPACT CATEGORIES ASSESSMENT**

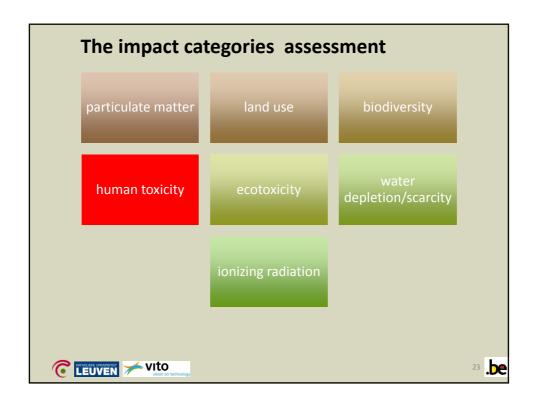


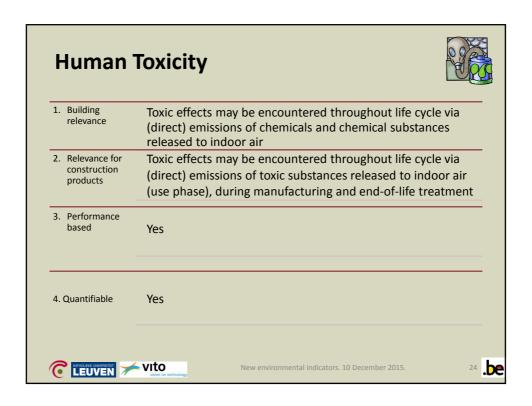


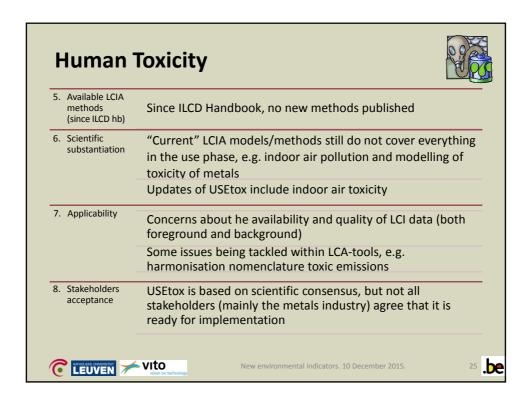


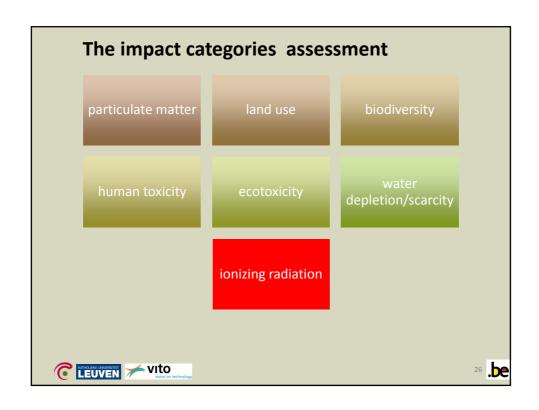


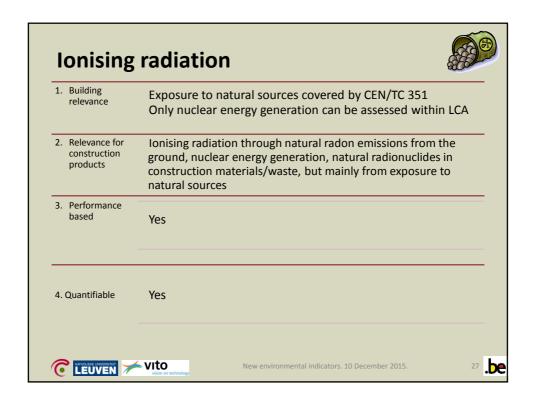


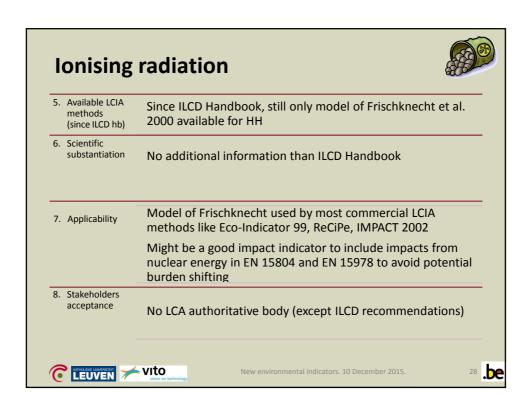


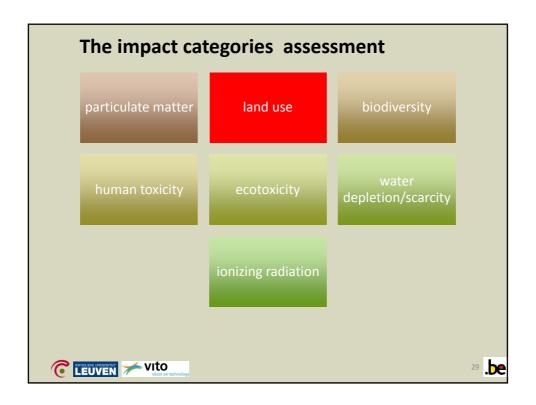


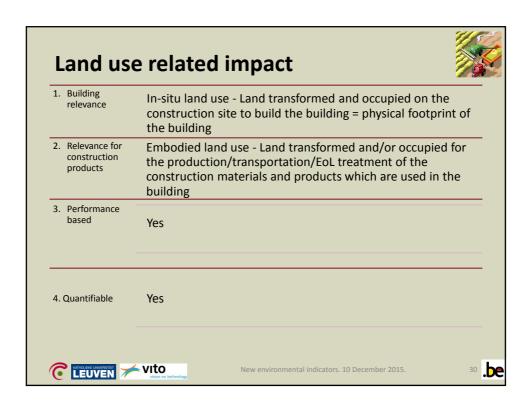


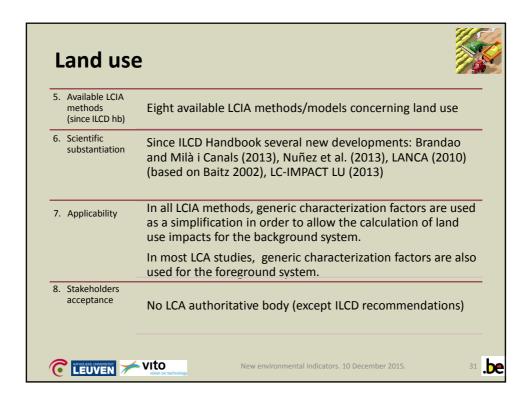


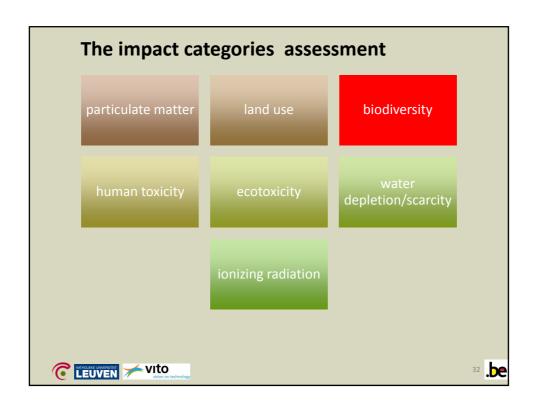


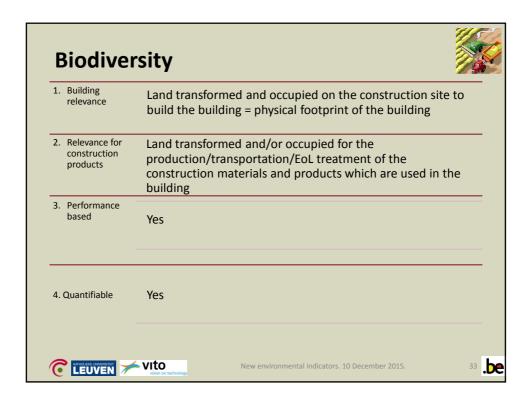


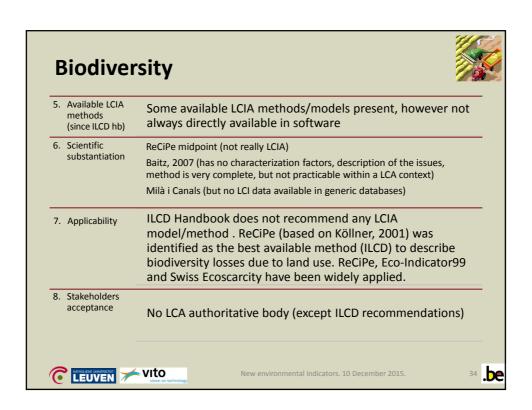












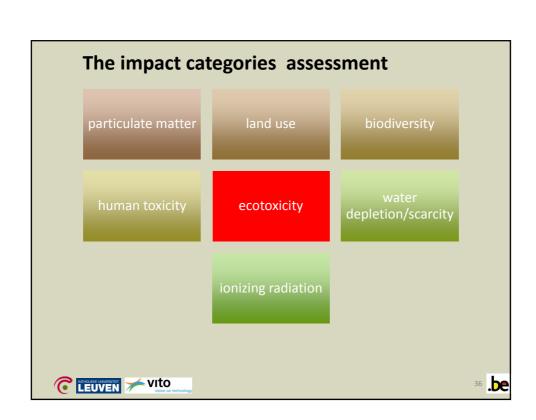
## Land use related impact

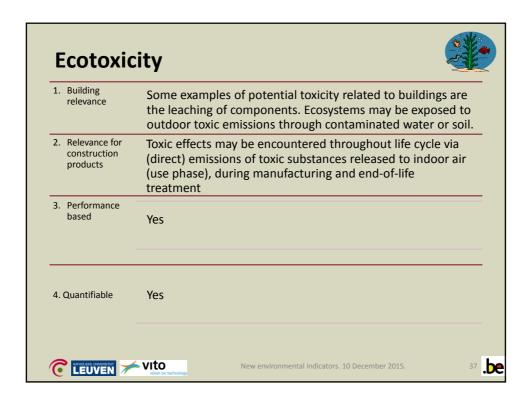


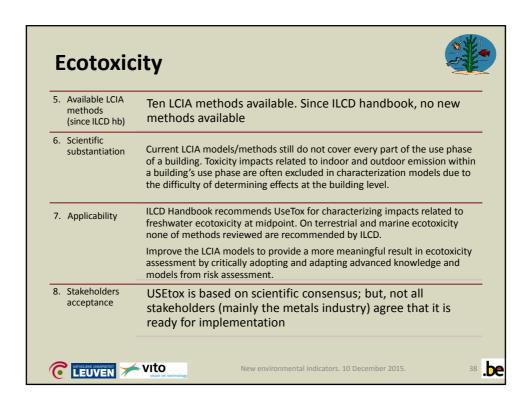
- Land use interventions have a potential impact on biodiversity, soil quality, ecosystem functions and land as resource. To cover these all, several impact assessment models and related indicators are necessary as there is currently no single indicator available covering these all.
- The EC-JRC is developing such a single indicator; this expected to be published in September 2016.

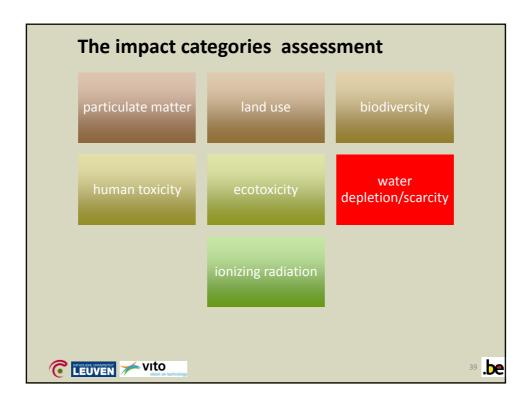


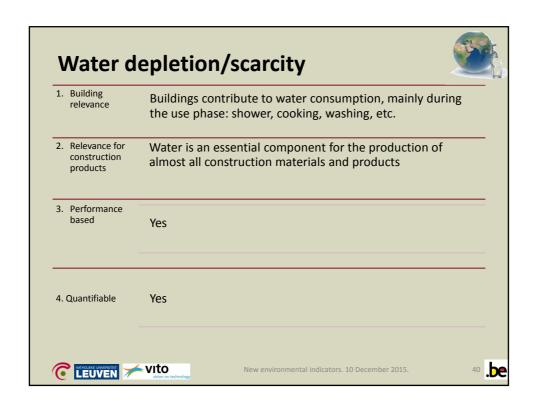
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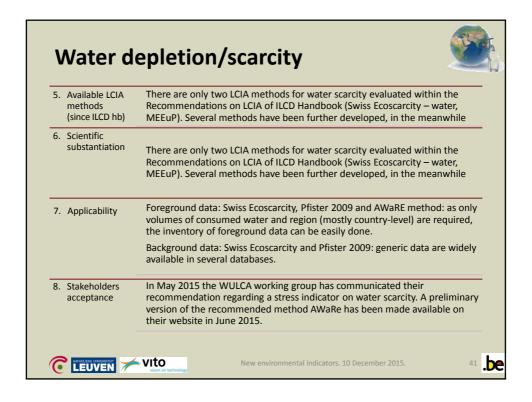




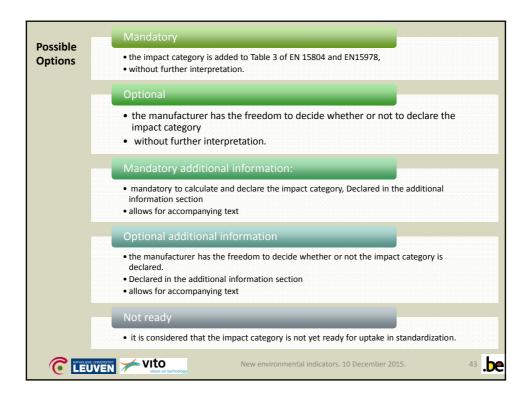


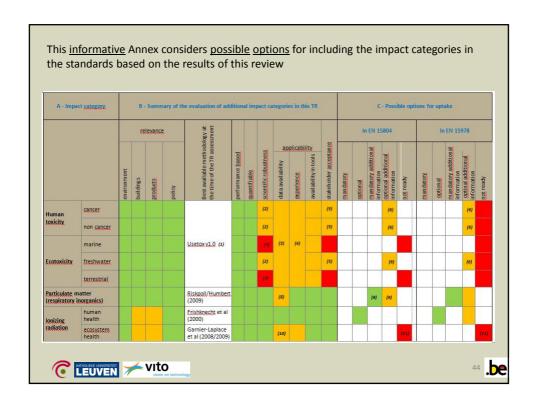


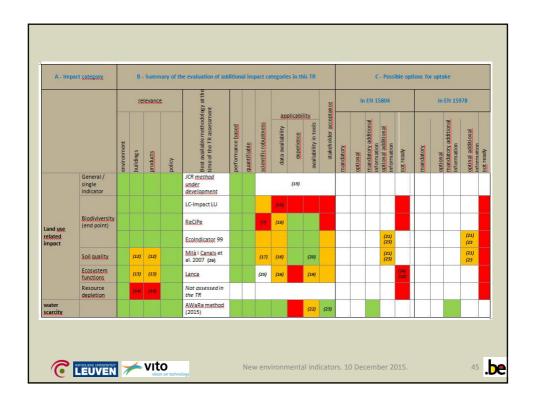




#### **POSSIBILITIES**











#### **Summary**

- The draft TR provides the necessary <u>structured</u> way to discuss on environmental impact categories in the context of standardization, including a set of criteria.
- Another added value: the focus on standardization
- A lot of work and effort has been invested to make sure the TR is a collection of <u>factual</u> information which is expressed in a <u>neutral</u> way.
- It provides a wide overview of the situation today: available methodologies, their strenghts <u>and</u> also their weaknesses
- No recommendations
- The starting point for future discussions and conscious decision making
- Established through literature review, expert consultation abd multiple commenting rounds.
- Oral **consensus was reached** within the experts of the CEN Joint Working Group;
- Next step: 1st semester of 2016: voting procedure for an official acceptance.



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