

Towards social sustainability effective supply chains of innovative and established products: Defining the human wellbeing to support

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AIM: To provide an up-to-date set of components that define an AoP in social LCA

BACKGROUND

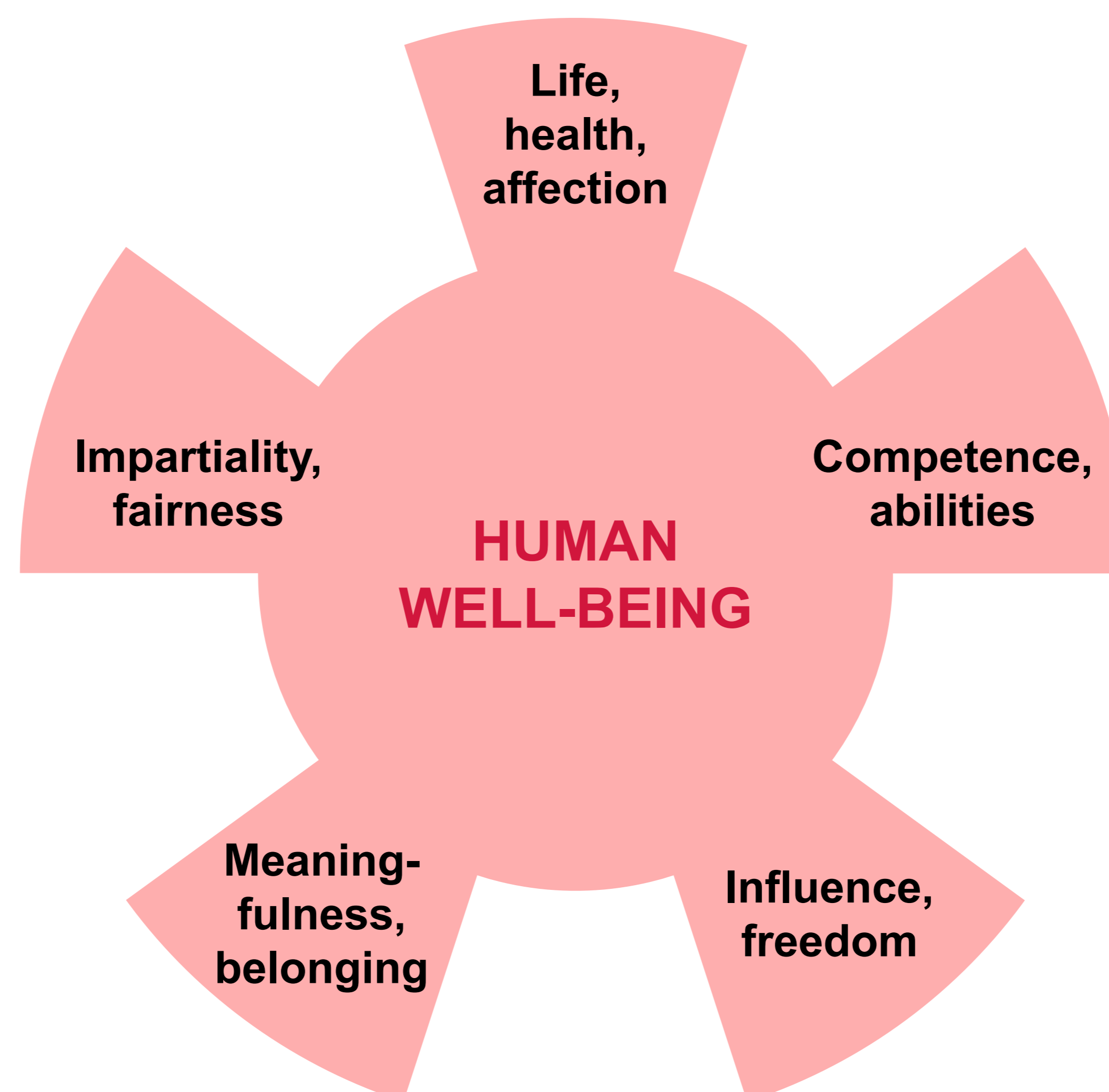
- ❖ Growing interest in **social sustainability** and social LCA
- ❖ Current approaches mostly addressing **social performances**
- ❖ Need to identify impact pathways that address the **ultimate impacts**, the area of protection (AoP) [1] [2]

METHOD

- ❖ Based on **earlier consideration** of area of protection in social LCA [3]
- ❖ Broad literature review and **synthesis**
- ❖ **Critical** rather than systematic review [4]
- ❖ **Snowballing** [5] – trace new sources from already known ones

RESULTS

- ❖ Represent **human wellbeing** – the generally agreed societal goal.
- ❖ **Scientific fields** basis: Sustainability science [6], philosophy [7] [8], psychology [9] [10] and development studies [11]
- ❖ Preliminarily **five components** for the area of protection (Fig 1)
- ❖ **Additional approaches** [12] [13] found with unclear focus and considering means rather than ends



DISCUSSION AND CONCLUSION

- ❖ Components on much **broader range** than current impact assessment methods for social LCA [1].
- ❖ **Impact pathways** needed in addition
- ❖ The **overview itself** can also guide design of new and existing products and production systems

Fig 1: Preliminary components of an area of protection for social LCA

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