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Acknowledgments

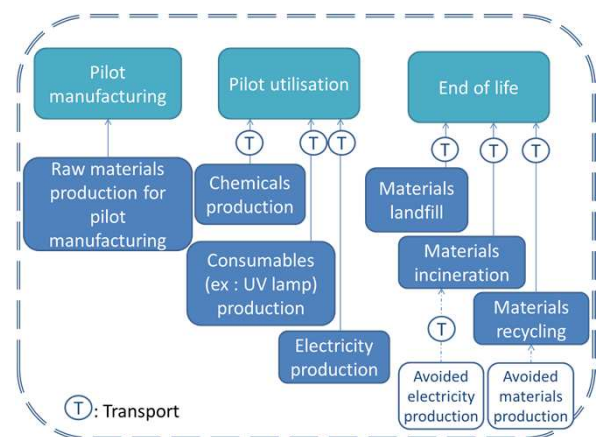
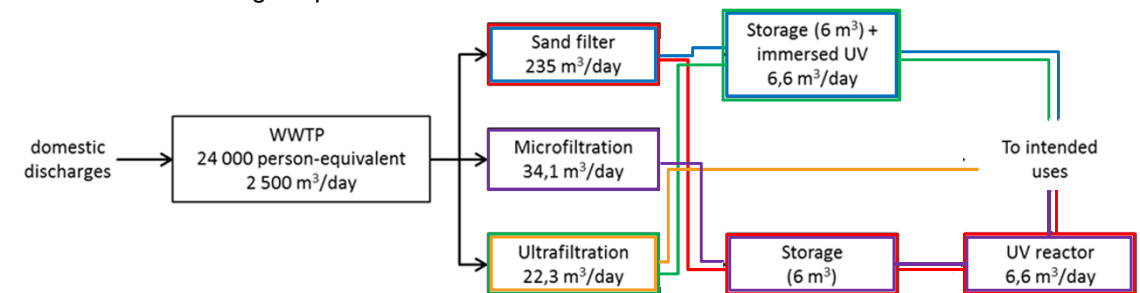


LCA Methodology

- Functional unit:

"To produce 1 m³ of water with a quality in compliance with the highest standard of the French reuse directive"

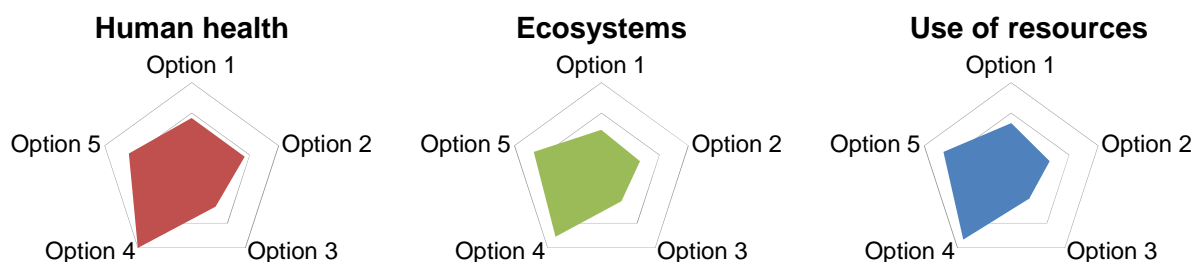
- Environmental impact indicators selected with ReCiPe method
- Model building : Gabi software
- Databases: PE International and Ecoinvent v2.2



Borders of the systems studied for life cycle inventory

Results

Ranking of the five options studied according to the three main groups of environmental impacts



Study conducted at pilot scale: results hardly generalizable because other materials would be used in real scale