

PhD propositions

- 1) The inclusion of stakeholders in decision making and scrutiny of the validation process enhances the relevance of sustainability criteria and indicators, contributes to improved and clearly described set of criteria and indicators, improves the robustness of the assessment framework by increasing the acceptance of selected criteria, and provides a first indication of the potentially least important criteria.
- 2) The parallel use of multiple techniques, than a single one, could foster the users to reconsider their initial preferences, think harder their value systems and deliberate their preferential judgments against the evaluation criteria.
- 3) By applying different ranking and weighting techniques, an opportunity for a consistency check is established to enhance the reliability of stakeholders' preferences.
- 4) Inconsistencies are an opportunity to reflect on results from different framings of the issue and decision problem at hand.
- 5) With a large set of alternatives and criteria, relying on intuition and/or experience seems inadequate and thus needs further support.
- 6) The computerized interaction is important support helping stakeholders in analyzing their desired objectives in relation to the outcomes of the elicitation process in order to construct their preferences.
- 7) Renewable energy technologies that rank relatively low in a cost-based assessment are otherwise highly ranked and most preferred if multiple criteria and aspects are considered in the assessment process.
- 8) There is still large uncertainty and disagreement on how Carbon Capture Storage technologies will be deployed in the future and therefore, further research is needed to explore their technological maturity and future deployment.
- 9) Although reduction of CO₂ emissions is considered more of an international and European-level priority issue, there is growing importance placed on climate change mitigation by European Local Governments as demonstrated by their conscious attempts to reduce emissions in their own localities and being part in cities' networks and initiatives as the Covenant of Mayors.
- 10) The European climate change policy has succeeded to engage Local Governments in the broader international discourses on tackling global climate change.
- 11) " Excellence is never an accident. It is always the result of high intention, sincere effort, and intelligent execution, it represents the wise choice of many alternatives - choice, not chance, determines your destiny". - Aristotle