Welcome

Instructions:

The present **checklist** aims to help you in guiding the **creation of your decision map**. It mainly focuses on the identification of:

- sustainability-quality concerns (QAs) and
- sustainability design concerns (DCs)

Please, check the *box* once the question or activity has been *answered or completed respectively. If you could not get to complete an activity of the checklist, keep the box unchecked.*

Note: You can use the back button for changing your previous responses before your submission.

Write the name of the project

Sustainability-Quality concerns

Identification of sustainability-quality attributes(QAs). Check the box once the question has been answered.

- [ ] What are the most relevant sustainability dimensions?
- [ ] What are the key QAs you need to address?

Identification of expected effects

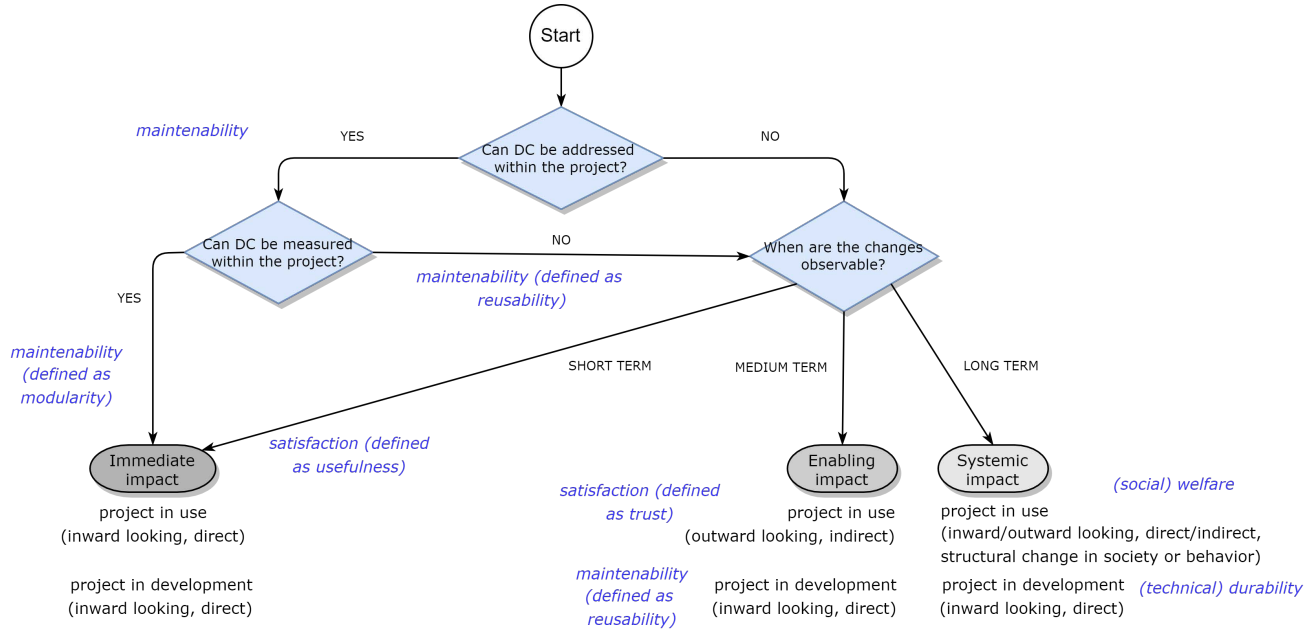
- [ ] (for each identified QA) what are the possible inter-dependent QAs?. Use the suggestions in the Dependency Matrix. You can start with the most relevant sustainability dimension.
- [ ] for each pair of interdependent QAs, draw an arrow and assign the expected effect (positive, negative, undecided). Use the suggestions in the Dependency Matrix, if applicable.

Update the list of identified QAs

- [ ] (for each interdependent QA) are then additional QAs that we should consider?

Frame the expected impact

- [ ] For those QAs that are harder to determine their corresponding expected impact, please use the Decision Graph to identify the expected level of impact (immediate, enabling, system). In the graph, QA is referred as DC.



Sustainability Design concerns

Identify the sustainability design concerns, by answering the questions. Please select those items that you think they help you in identifying these design concerns.

- [ ] What are the key problems?
- [ ] When deployed, what are the expected benefits of the system?
- [ ] When deployed, what are the expected negative consequences?
- [ ] When deployed, what are the possible risks introduced by the system?

Classify the identified design concerns into the sustainability dimensions (technical, social, environmental, economic)

- [ ] (for each DC) what is the corresponding sustainability dimension ?

Identification of expected effects

- [ ] (for each DC) does it have effects on other DCs? (outgoing arrow)
- [ ] (for each DC) does it depend on other DCs? (incoming arrow)
- [ ] (for each arrow) should the effect be positive, negative, or undecided?

Frame the expected impact

- [ ] (for each DC) use the Decision Graph to decide on its expected level of impact