



Water as Leverage Format Conceptual Designs

End report Phase 1 for mid-term review

At the end of Phase 1, each team will submit at least three to five Conceptual Designs for potential solutions to (a selection of) the challenges identified in one of the three cities. Please use this format for each Conceptual Design as well as, if deemed necessary, a combination of drawings, calculations, reflection on policy/information and a steering document for the topics to be discussed at the first local Design Workshop.

Requirements

The Conceptual Design should include the following information that the project team is expected to gather over the course of phase 1.

- **Public summary (50-200 words)** - this summary may be used for marketing purposes. Please make sure that the wording is understandable to the general public and that it is suitable for public disclosure.
- **Description and Goals:** What is the Conceptual Design and what does it aim to achieve? What are the challenges the Conceptual Design is trying to solve?
- **Key Elements:** What are the key elements of this Conceptual Design and who are the owners of each component? What is proposed phasing and implementation timeline for each?
- **Expected Impact:** what types of effects are to be expected (e.g. reduced flood risk, improved drinking water, improved business conditions, etc.)? What is the order of magnitude of the benefit for the beneficiaries (e.g. how much reduction of risk, how much reduction of expected damage, etc.)?
- **Site Location:** Where will the future project be located? What are existing conditions and current uses of the site? What governing entities have jurisdiction over the site locations?
- **Stakeholders:** Who are the key stakeholders in this project and how did you work with them? Stakeholders should include those most affected by this project and with decision-making authority over the implementation of this project.
- **Risk Assessment:** What are the potential political, social, environmental, legal/regulatory, and other barriers to implementing the project? What are some strategies to mitigate against them? Specifically:
 - **Vulnerable populations:** What is the direct and indirect impact of this project on vulnerable populations? How does this project support vulnerable populations?
 - **Economic impact:** What is the economic impact of the project and how does it support local entrepreneurship, employment, and productivity?
 - **Regulatory issues:** What are the legal and regulatory barriers to implementing the project and what are proposed strategies for addressing them? What type of environmental impact assessment is required?
 - **Governance:** What are potential governance and corruption risks?

- **Organisational Capacity:** What is the capacity of the future project owners to develop and maintain the project? How can these capacities be supported and further developed?
- **Cost Estimation:** What is expected cost of the project and key elements? What are potential sources of financing?
- **Alternatives assessment:** What alternative Conceptual Designs were considered and why is this Conceptual Design the best (solution)?
- **Cost-effectiveness:** How does the impact (in terms of people, business, and land area affected by the project) compare to the investment costs? How does this compare to alternative options to address the problem?
- **Leverage:** What are potential sources of funding and resources support to the project? What type of support and from which organizations?
- **Integration:** How does this Conceptual Design fit in national, regional, and local strategies and plans? What are potential areas of integration and potential barriers?