

SMLXL: The Case Studies

Case-study areas (might) serve an important role in local flood mitigation as well as other water related pressures (e.g. quality).

Furthermore, cases could provide additional benefits: liveability

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- How can we ensure that the performance criteria are met after implementation?
- What additional functions can be integrated to enhance the functionality of the design?
- How can we ensure performance in the short, medium and long term?
- How can the design be adapted to future conditions (flexibility)?

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How can we ensure that the performance criteria are met after implementation?

- What are lessons learned from similar cases?

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What additional functions can be integrated to enhance the functionality of the design?

- Which measures/designs seen in other cases might be applicable here?
- What are the potential pitfalls?
- What stakeholders are involved?

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How can we ensure performance in the short, medium and long term?

- How to ensure potential threats are avoided?
- How to ensure ownership by current/future stakeholders?
- How to ensure proper monitoring, maintenance, renewal?

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How can the design be adapted to future conditions (flexibility)?

- Can we expand the design to cope with future increase of amplitude?
- Can we add redundancy by adding additional measures at the same location?

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Integration of climate adaptation measures, green infrastructure and other water sensitive urban design measures in medium sized cities is often a luxury.

While possibly cost-effective, even mainstreaming measures in current development is often difficult (knowledge gaps, stakeholder interests, regulations, etc.)

It is therefore essential to pro-actively develop business-cases, prototypes and projects.

Furthermore, cases could provide additional benefits: liveability

SMLXL: The Case Studies

- How were successful projects acquired, arranged and executed in other countries?
- What were the main factors for success?
- Can lessons be learned and transferred to a different context?
- How would they apply to our Small, Medium and Large cases in Can Tho?

SMLXL: The Case Studies

How were successful projects acquired, arranged and executed in other countries?

- How was the involvement of the national, regional and local government?
- Which other local stakeholders were involved?
- Where were public-private partnerships developed?
- Was there a clear business-case?
- Where were innovative financing arrangements developed?
- How is operation, monitoring, maintenance and upgrading arranged?
- Was there involvement of donor organizations for financing?

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What were the main factors for success?

- How the requirements, performance criteria, design specified?
- How was the quality ensured during implementation?
- How was the project received by the general public?
- What was the added value of the project beyond the primary function?

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Can lessons be learned and transferred to a different context?

- What general features that were decisive in the projects development were beyond circumstantial?
- How can the conditions that lead to the successful project be replicated ?
- Can a process be defined and systematized that would create the conditions for other successful projects?

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How would they apply to our Small, Medium and Large cases in Can Tho?

- How can the lessons learned be instantiated for the Can Tho cases?
- What are the obstacles specific to the Vietnamese context?

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- **SMALL:** Green building in An Hoa Ward
- **MEDIUM:** Roles of Lake retention in the Ninh Kieu district: Xang Thoi lake
- **LARGE:** How well do hydraulic structures protect Can Tho city from flooding?

SMLXL: Program Day 2

1. Identify potential measures to enhance climate resilience;
2. Assess potential issues in application in case study;
3. Adapt measures;
4. Visit case study for validation;
5. Identify & propose multi-benefits;
6. Design adaptation/upgrading options for future conditions;
7. Presentation

SMLXL: Program Day 3

1. Identify success factors project other countries (presentations);
2. Inventory of potential stakeholders;
3. Develop initial business case;
4. Adjust initial plan to accommodate lessons;
5. Develop road map for multiplication of cases;
6. Presentation