



Mobilizing community climate change adaptation

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Mobilizing climate change adaptation

How to make adaptation happen?

Once adaptation option has been identified, it is crucial to establish understanding about the enabling factor and critical success factor

Enabling factor: the condition or factor that will make the adaptation happen

Critical success factor: the condition or factor that will make the adaptation success and/or sustain in the long run.

This will also help the planner to understand whether such adaptation option can be implemented by community themselves or the assistance from external parties is required

Who should involve?

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Example: Lao-oi district Thailand Alternative small scale irrigation system



Adaptation option

Implementing reservoir improvement for rain season water harvesting to support shifting crop calendar, shifting from wet season rice production to dry season rice production

Enabling factor

- Sufficient funding for investment
- Technical support in building reservoir

Critical success factor

- Water usage and allocation policy to be agreed among 4 villages
- Adjusted crop and cropping pattern

Irrigation dept. assists in technical feasibility study / Royal Thai Army supports the construction of reservoir

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Climate driven risk

Household damage

Decline fishery

Decline NTFPs

Crop damage

Etc.

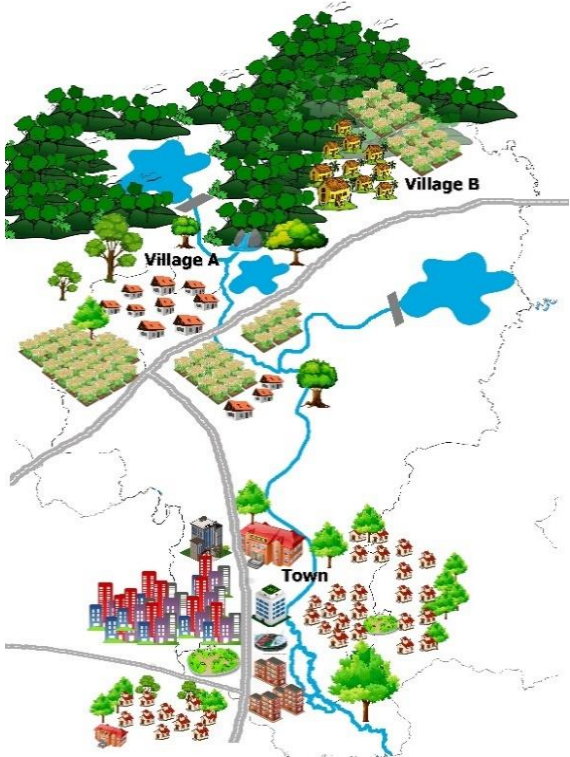


Loss income

Livelihood interfered



Socioeconomic change



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Community A: Rice paddy farmer

Adaptation option

Income diversification to other agriculture product.

- Livestock
- Controlled environment farming, e.g. mushroom
- Switch dry season rice to crops that use less water

Enabling factor

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Critical success factor

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Also ask – Who should involve?

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Community A: Villager

Adaptation option

- Implement fish sanctuary in the river to maintain fish stock
- Aquaculture in dam reservoir and high intensity aquaculture in village e.g. snail, eel, frog, etc.

Enabling factor

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Critical success factor

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Also ask – Who should involve?

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Community B: Hillside Rice paddy farmer

Adaptation option

- Switch agriculture system from rice to other perennial crops

Enabling factor

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Critical success factor

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Also ask – Who should involve?

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Community B: Villager

Adaptation option

- Implementing eco-tourism and homestay as new source of income.
- Improve household design/material to cope with more serious flashflood in the future.

Enabling factor

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Critical success factor

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Also ask – Who should involve?

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Community B: Villager

Adaptation option

- Produce NTFP at household e.g., bee farming, etc.
- Implementing controlled NTFPs harvesting regulation of avoid over harvesting.

Enabling factor

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Critical success factor

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Also ask – Who should involve?



THANK YOU