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Logical framework matrix

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Developing logical framework matrix

= Defining project structure, testing its internal logic and risks, formulating indicators

Matrix is the product of the analysis!

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	Intervention logic	Indicators	Sources of Verication	Assumptions
Overall objective				
Specific objective				
Outputs				
Activities				

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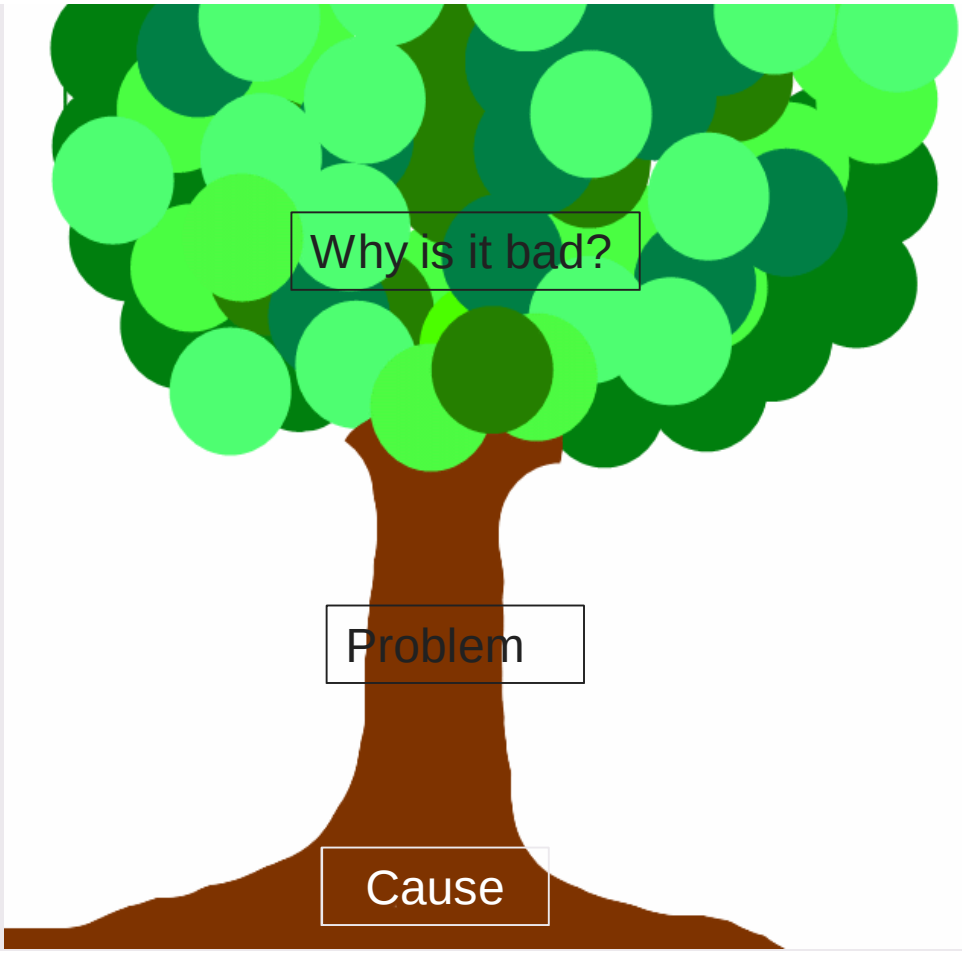
Problem tree

(=analysis)



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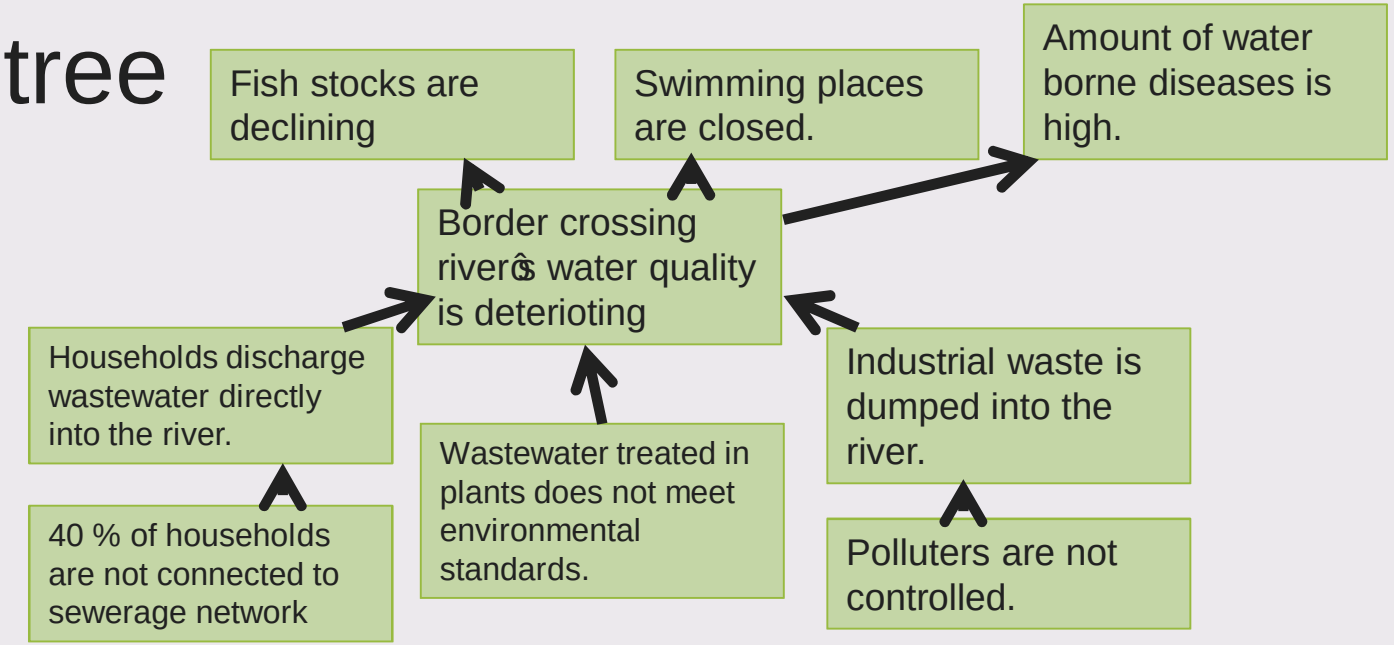
Problem tree



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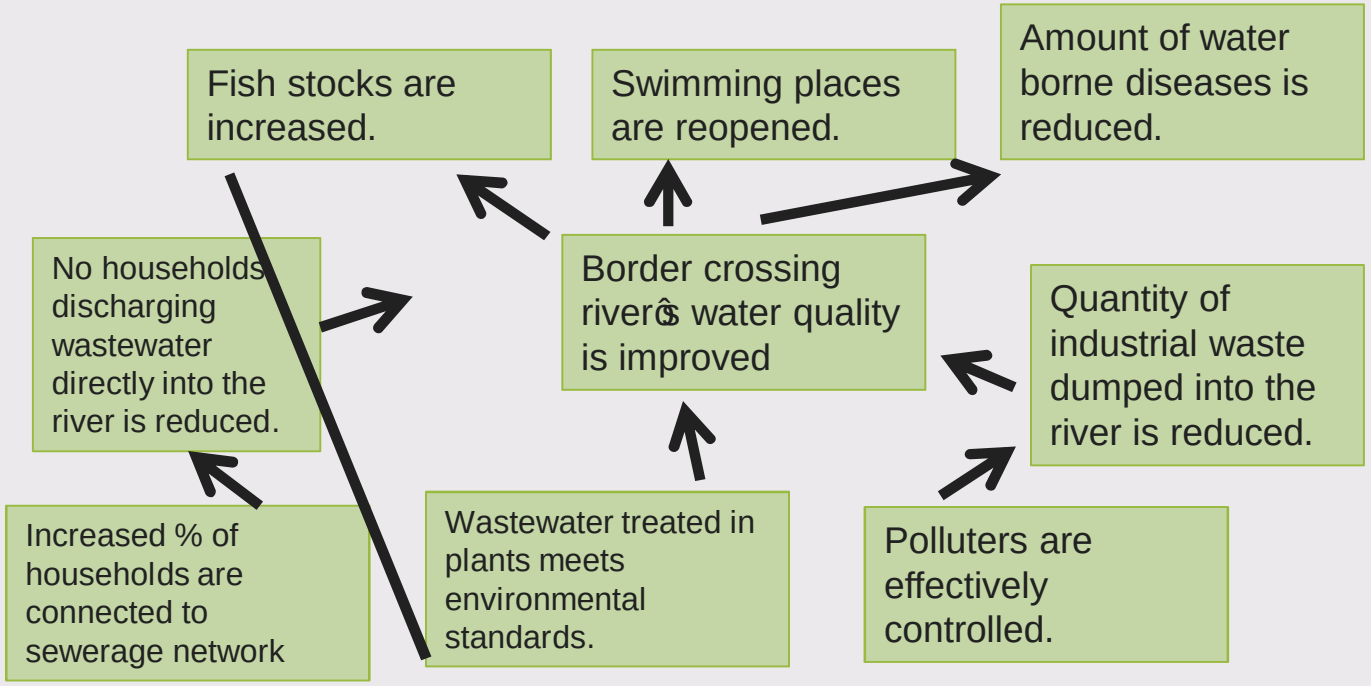
Strategy

- What can be done?
- Available funding?



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Developing logical framework matrix

	Intervention logic	Indicators	Sources of Verication	Assumptions
Overall objective	**1**			
Specific objective	**2**	8	9	7
Outputs	**3**	10	11	6
Activities	**4**			5

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How to write logframe statements?

Keep statements as clear as possible.

- **Specific objective** is expressed in terms of benefits to the target group (increased, improved...).
- **Outputs** are tangible (delivered, produced, conductedé).
- **Activities** are expressed in present tense starting with an active verb (prepare, design, construct, researché)

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Intervention logic

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Intervention logic

Overall objective, specific objective, outputs and activities should all be linked to each other.

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Amount of water

Improved living and working environment

increased.

reopened.

Border crossing river´s water quality is improved.

	Intervention logic	Indicators	Sources of verification	Assumptions
Overall objective				
Specific objective				
Outputs				
Activities				

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	Intervention logic	Indicators	Sources of Verication	Assumptions
Overall objective	Improved living and working environment			
Specific objective	Border crossing river´s water quality is improved			
Outputs	1. New methods produced for wastewater treatment 2. Controlling system established			
Activities	WP1 Planning and constructing new treatment methods WP 2 Developing of new controlling system			

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Checks

Check the intervention logic with if-then causality:

IF the activities are undertaken THEN outputs can be produced;

IF outputs are produced THEN specific objective will be achieved; and

IF specific objective is achieved THEN this contributes towards the overall objective.

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Checks

Also:

IF we wish to contribute to the overall objective, THEN we must achieve the specific objective

IF we wish to achieve the specific objective, THEN we must deliver the specified outputs

IF we wish to deliver the outputs, THEN the specified activities must be implemented.

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Assumptions

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Assumptions

- External factors that have the potential to influence the success of a project
- Lie outside direct control of project managers

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	Intervention logic	Indicators	Sources of Verication	Assumptions
Overall objective	Improved living and working environment			
Specific objective	Border crossing river´s water quality is improved			
Outputs	1. New methods produced for wastewater treatment 2. Controlling system established			1. New methods are taken into use in plants.
Activities	WP1 Planning and constructing new treatment methods WP 2 Developing of new controlling system			1. Needed permissions are received in time.

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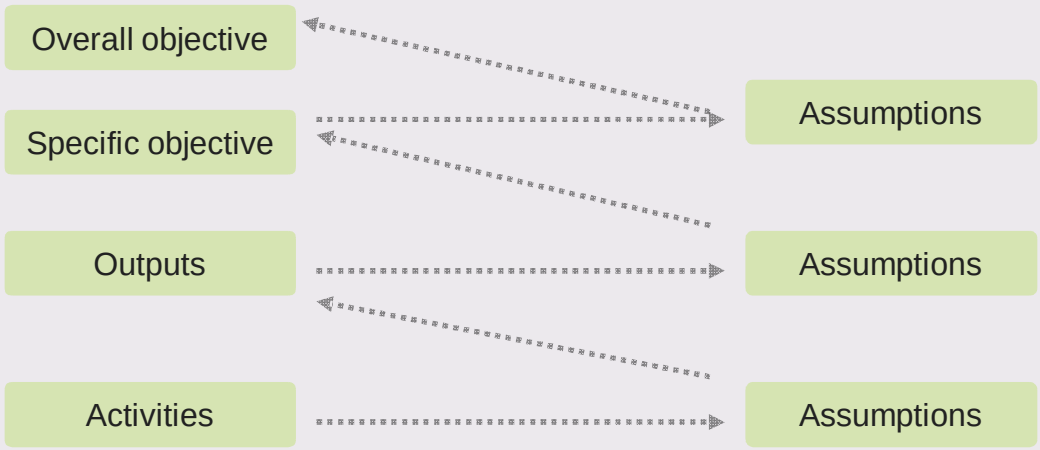
Relation between assumptions and objective



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Indicators and sources of verification

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Indicators

Indicators describe the objectives in measurable terms (quantity, quality, timeé); How do we verify success?

Means of verification are the sources of information for indicators.

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	Intervention logic	Indicators	Sources of Verication	Assumptions
Overall objective	Improved living and working environment			
Specific objective	Border crossing river´s water quality is improved	1. Amount of pollution in water samples	1. Impartial research report	
Outputs	1. New methods produced for wastewater treatment 2. Controlling system established	1. Number of new methods	1. External assesment report	1. New methods are taken into use in plants.
Activities	WP1 Planning and constructing new treatment methods WP 2 Developing of new controlling system			1. Needed permissions are received in time.

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Indicators

For example

Output: Increased skills - Indicator: Number of trained people

vs.

Objective: Increased skills ï Indicator: Level of skills (baseline/after the action)

Output: Trained stakeholders ï Number of trained people

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Let's

WORK!

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