

## Urban River Basin Enhancement Methods

# Assessing River Rehabilitation Potential Work Package 6

UL

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Deliverable 6.3

This volume shows an example of the training material produced for deliverable 6.3. The full version of the work carried out for this deliverable is given in the Work Package 11 contribution as this represents the comprehensive version of the training and dissemination outputs of the URBEM project.

# WS 6 Participation of Stakeholders in River Rehabilitation



UL FGG

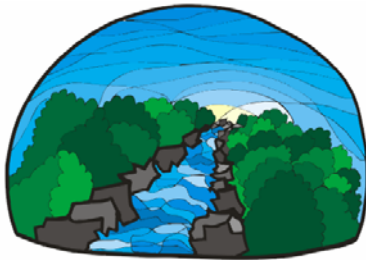
Mitja Brilly

Simon Rusjan

# History of Urban River Development

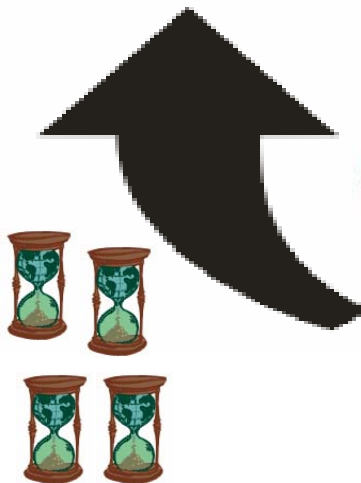
Regulation and deterioration of rivers have a long history. The process was lead by specific, economically defined interests and simple decision-making schemes.

Desired state in the future...



Rivers in the past...

Present state...



# River Basin Management - Top-down approach

Water management administration develops the water management plan according to the particular procedure that differs from country to country.

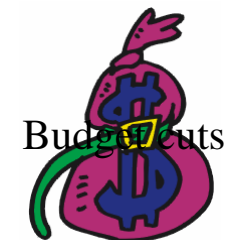
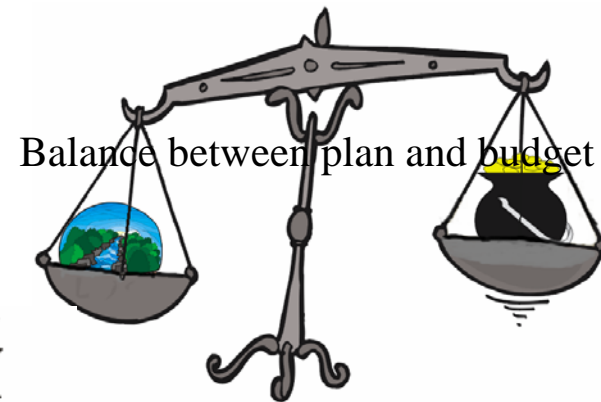


**Problems of users**



# River Basin Management - Decision making

Decisions are provided by the political process that establishes priorities, such as WFD and directives for water disposal.



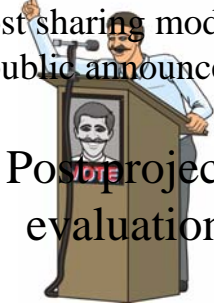


# River Basin Management - Action

The process could be incited by water management administration that could organise actions in different ways:

- offer technical support to self organised steering committees,
- use cost sharing model for negotiation with stakeholders
- with public announcement and offered support under certain conditions

Post project  
evaluation



End of project



Construction



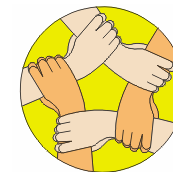
Design



Decision-making



Stakeholders steering committee



Available funds



# Interests of Stakeholders

Interests of stakeholders are the driving force of decision-making. In river rehabilitation projects

numerous interest are involved.

Sustainable  
development and  
scientific based  
development

Experts

Agriculture

Irrigation and  
drainage

Water  
management  
plan and funds

Water  
management  
administration

Hydropower

Wildlife

NGO

environmental  
protection

Business

Clean water

Public

Fishing

NGO

angling society

home owners

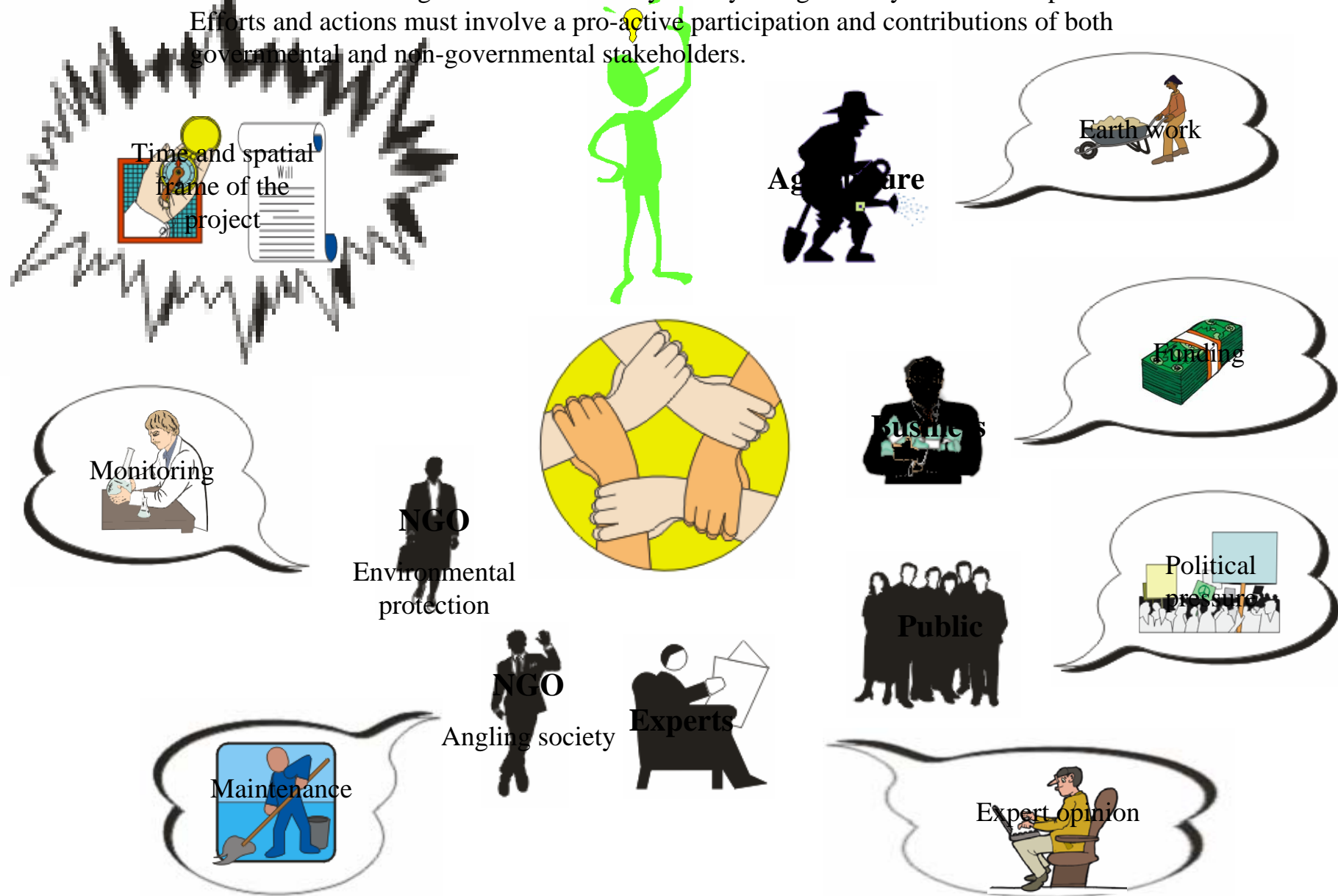
Nice riverfront  
bathing quality  
of water



# Bottom up approach - Steering Committee

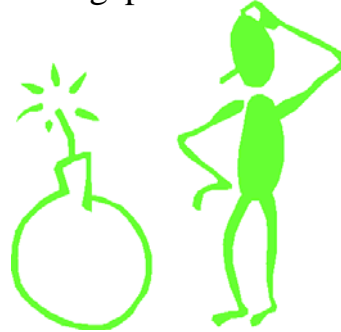
Actions should be organized and driven by a body recognized by all involved parties.

Efforts and actions must involve a pro-active participation and contributions of both governmental and non-governmental stakeholders.

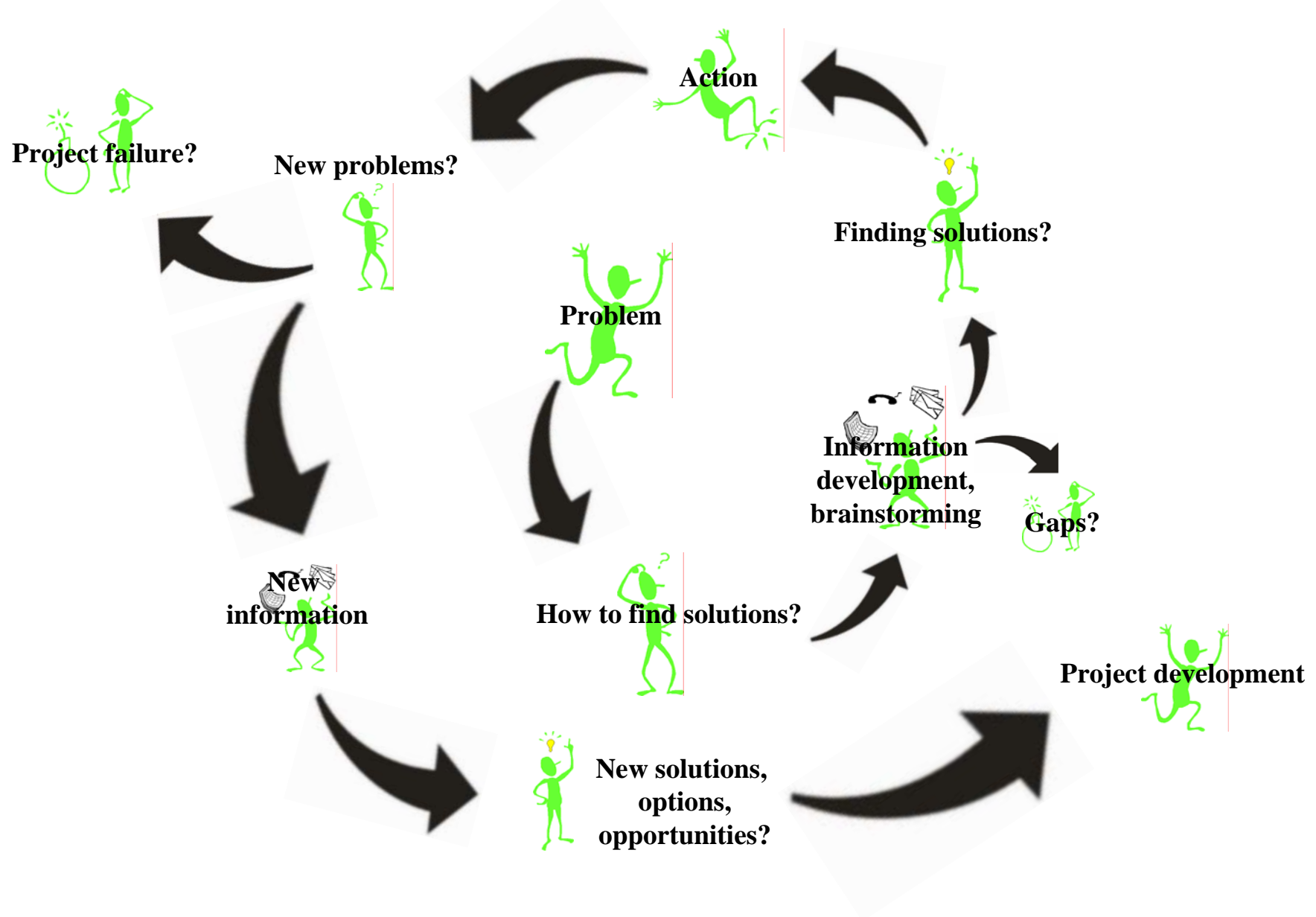


# Gaps

There are several gaps that could make things go wrong:



# Spiral of Urban River Rehabilitation



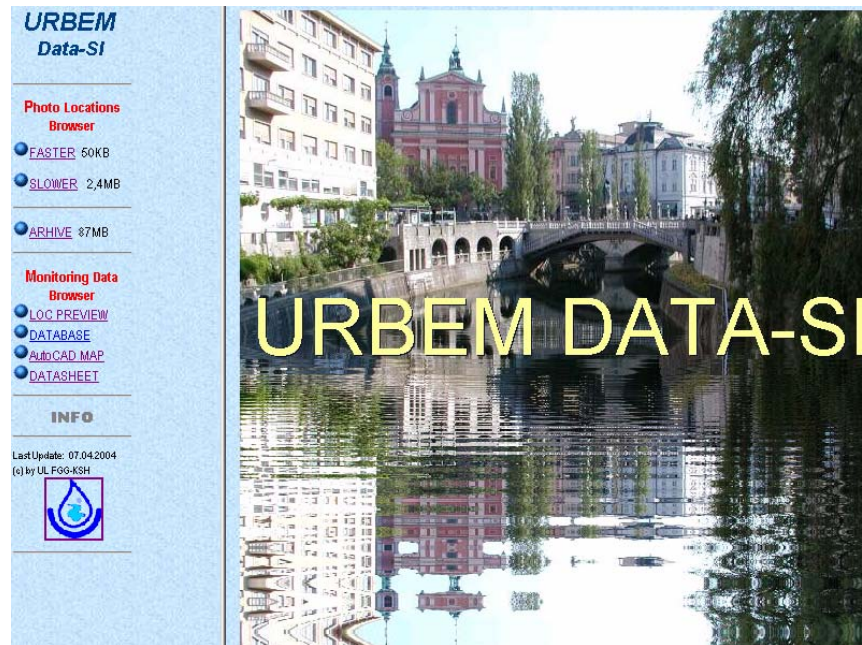
# More information about Ljubljana case study available at:



**Glinscica Stream**



**Mestna Gradascica Stream**



**Ljubljana River**



**Mali Graben River**

<http://ksh.fgg.uni-lj.si/urbemdatasi/>