A well-structured planning management creates the prerequisites for a balanced solution and an efficient and successful implementation of measures.

Planning and implementation of river restoration projects

The project schedule for river restoration projects can vary greatly. This flow chart shows the most important project steps. Natural river development is a complex undertaking.

Identification of goals
- Integrate project into overarching river development concept
- Identify and reduce potential for conflict
- Develop common solutions

Securing land plots
- Buy land plots
- Swap land plots
- Develop a long-term land consolidation strategy

Determination of planning procedure
- Identify the type of measure (reconstruction or maintenance)
- Clarify the approval procedure
- Check legal and planning requirements

Planning and approval
- Technical planning
- Environmental planning

Construction works
- Implementation planning
- Call for tenders
- Awarding of contracts
- Start of construction works
- Supervision of construction works
- Handover

Follow-up river maintenance
- Follow-up use (e.g. extensive grazing)
- Near-natural river maintenance (e.g. allow the river to develop naturally)
- Flood protection (e.g. wood management)

Funding
- Explore funding opportunities
- Identify synergies
- Use compensation pools (intervention regulation)

Monitoring of success (before/after)
- Flora and fauna in the water
- Terrestrial biodiversity
- Public acceptance

Success criteria

For more information on planning and implementation of restoration projects: uba.de/partrenat

CC BY-ND 4.0 Umweltbundesamt 2019 | www.uba.de/renaturierung