

# HMWB Classification Scheme and Derivation of ecological potential

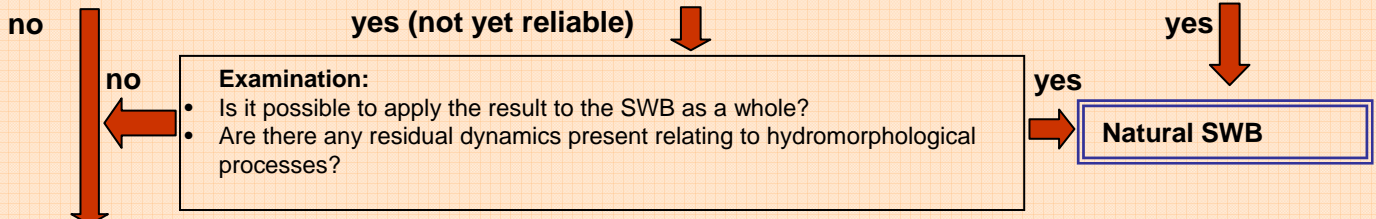
## I Inventory Basis:

Provisional classification as heavily modified water body (HMWB/HMWB-candidate; Basis: SWB-update)

## II Status Assessment (Monitoring)

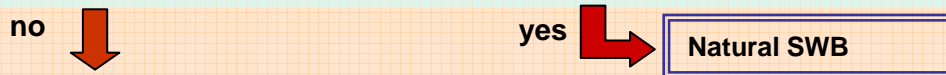
- Determination of the biocomponent(s) relevant for the assessment
- Determination of sampling site
- Examination and assessment

**Does the first assessment (monitoring) yield a good ecological status?**



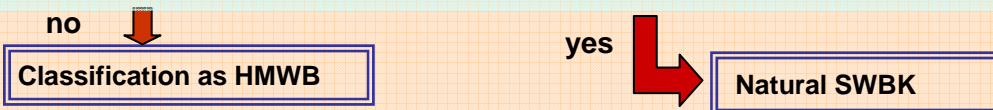
## III HMWB Step "Effects of restoration measures" (see Art. 4 (3) (a) WFD)

Is it possible to achieve a good ecological status by means of hydromorphological restoration measures without significant adverse effects on the HMWB-relevant uses or the wider environment?



## IV HMWB Step "Significantly better environmental option" (see Art. 4 (3) (b) WFD)

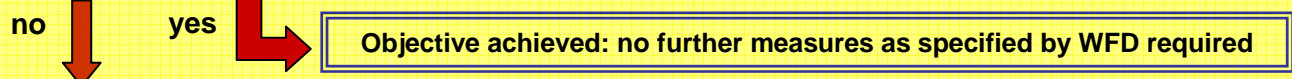
Is it possible to achieve a good ecological status using other suitable means to achieve the purpose of the HMBW-relevant uses (without disproportionate costs and provided that they are technically feasible) which are a significantly better environmental option?



## V Derivation of the ecological potential

- Category change?
- Change of assessment type?
- Shift of class limits? (special cases)

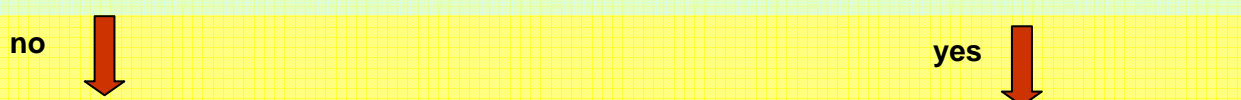
**Is there a good ecological potential present?**



## VI Selection measures and achievement of environmental objective

- Application of Catalogue of Measures for Hydromorphology
- Examination of feasibility, ecological effectiveness, cost efficiency
- Prioritization / financeability / time horizon (iterative process)

**Effectiveness forecast:** Can the good ecological potential be achieved by 2015 by applying the proposed measures?



## VII Procedure verification step

Verification of the derivation of the ecological potential and possible measures

Verification completed

Deadline extension and selection of reasonable measures for a restoration as far-reaching as possible

Inclusion of the selected measures in the POM

Draft version June 2008