

Melioration renovation and amphibian protection

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Melioration systems

- The ditch systems
- The pipe systems
- The official systems
- The unofficial systems

Natura 2000 areas appointed

- *Bombina bombina*, annex II and IV
- *Triturus cristatus*, annex II and IV

Natura 2000 assesment

- Every activity that changes the conservation status in the area negatively must be subject to an Natura 2000 assesment.
- Breeding wetland investigation for Bb and Tc.
- Foraging wetland for Bb and ditch investigation.
- Evaluation of the changed landuse by meloriation affects the breeding waters or migration routes

Mitigation possibilities in Natura 2000

- Compensation normally not accepted
- Mitigation possibilities will normally be difficult to carry out.
- If the Natura 2000 area is big it will be easier to make mitigation measures

Outside Natura 2000 areas, annex IV

- *Bombina bombina*
- *Triturus cristatus*
- *Hyla arborea*
- *Pelobates fuscus*
- *Bufo viridis* and *Bufo calamita*
- *Rana arvalis* and *Rana lessonae*

Country obligation annex IV

- To secure annex IV species remain in the same conservation status country wide.'
- To secure a continuity in ecological function after an investment
- So for each melioration project must evaluated if each amphibian species locally will be negatively affected and how to mitigate to secure CEF.

Photo examples of mitigation

- *Bombina bombina*
- *Triturus cristatus*
- *Pelobates fuscus*
- *Hyla arborea*
- *Bufo Viridis* and *bufo calamita*
- *Rana arvalis* *Rana lessonae*