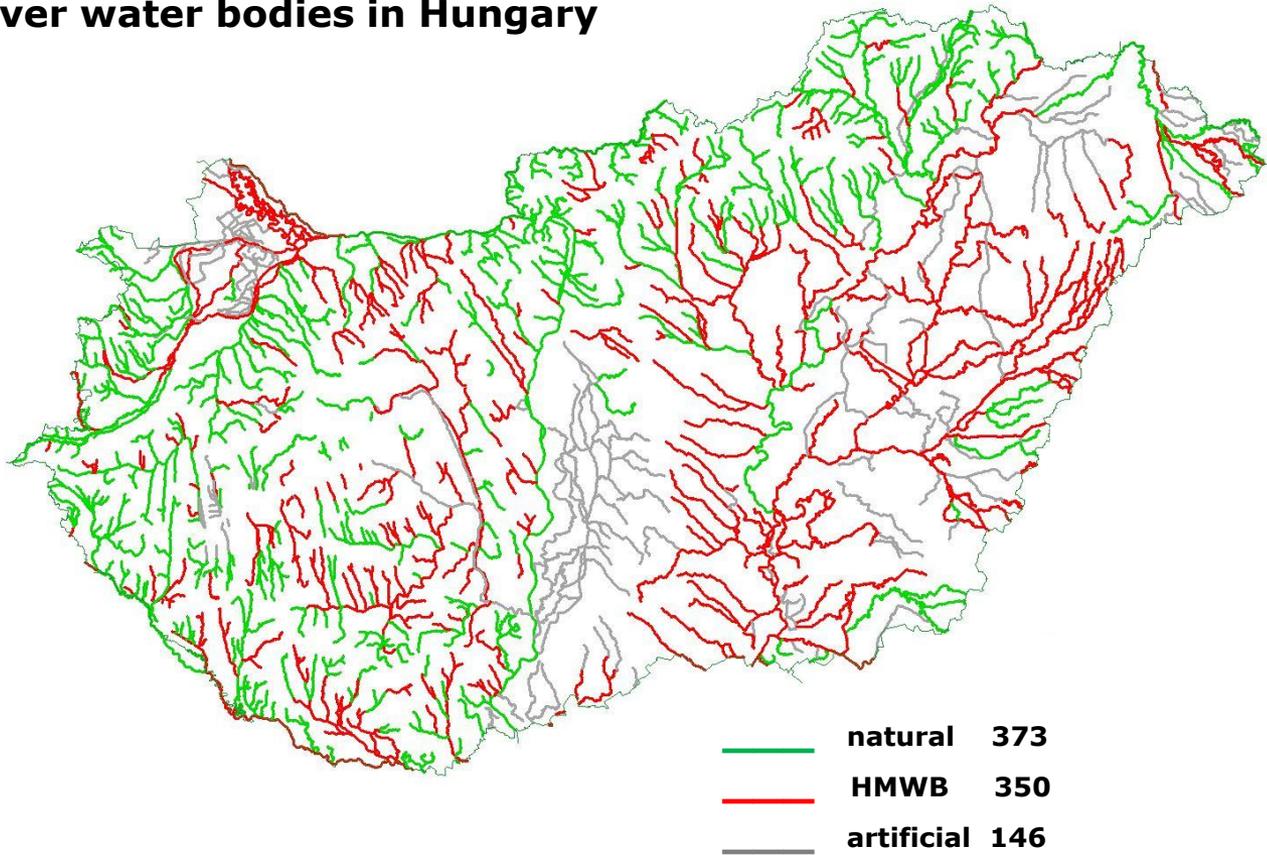


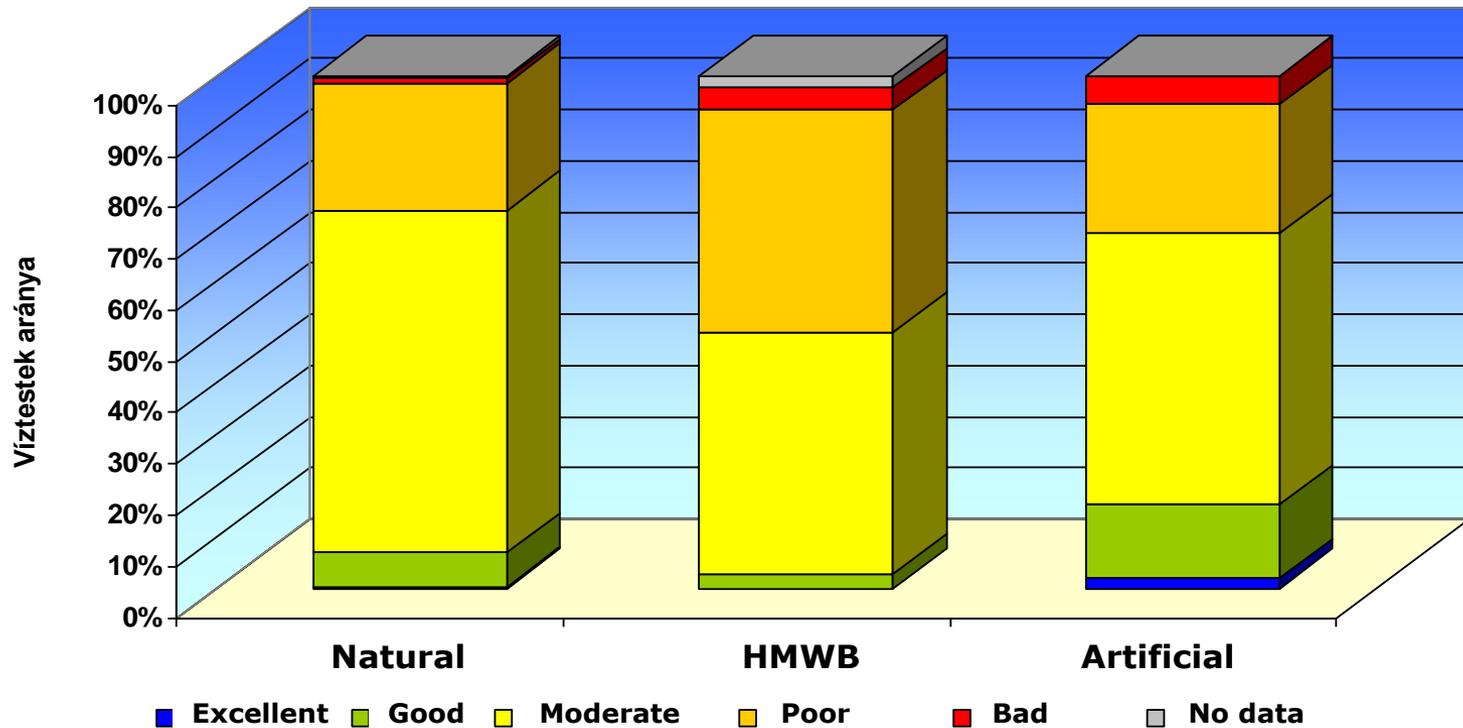
## Natural, heavily modified and artificial river water bodies in Hungary



**869 river water bodies in RBMP of Hungary**

**Almost half of the water bodies of natural origin is HMWB.**

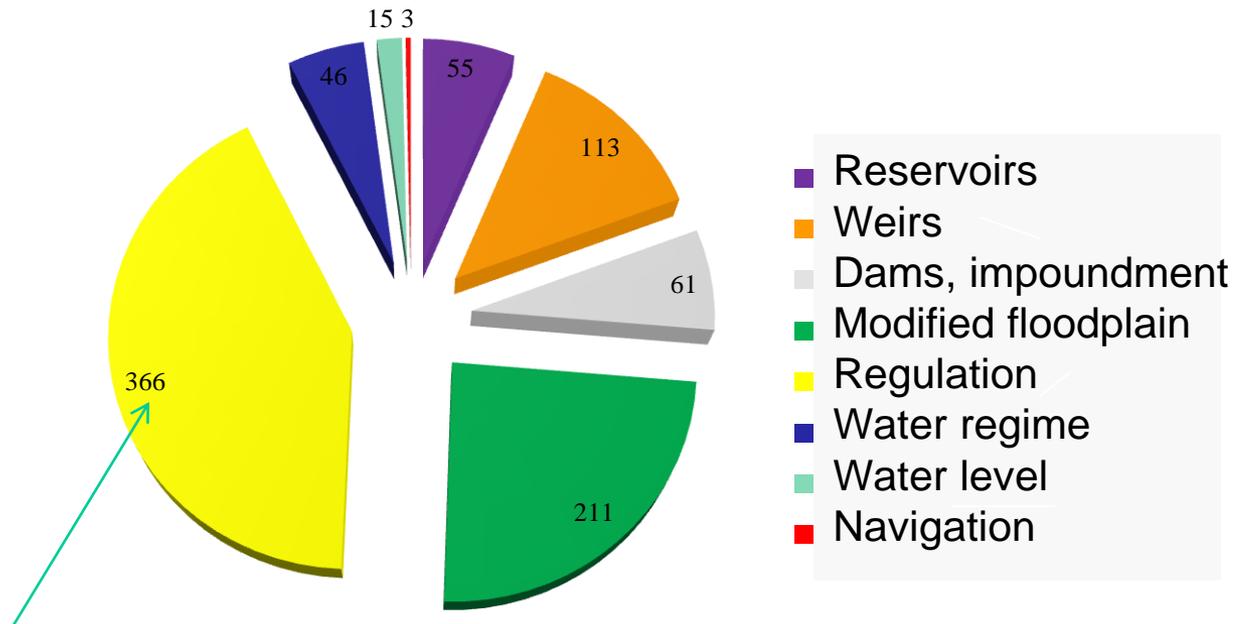
## Hydromorphological (HM) classification of river water bodies (WB)



**Frequent significant HM pressures (few WBs in good HM status/potential)**

**Not all significant HM alterations involve heavily modified category!**

## Significant HM pressures identified by WBs



Number of involved water bodies (overlapping!)



**Appropriate measures by WBs  
in function of the given HM alterations**

**Timing by planning periods**

## **Group of measures against HM alterations:**

### **Restoration of floodplains**

(open floodplains, restoration of lateral connection between rivers and former floodplains, modification of land use)

### **Rehabilitation of rivers (river bed and riparian zone)**

(restoration of meandering, appropriate vegetation zones/buffer zones, reconstruction of small weirs, appropriate maintenance, reduction of regulation of large rivers)

### **Reconstruction or modification of reservoirs, dams, weirs, sluices**

(appropriate reconstruction and operation of the structures in the river beds: considering downstream conditions, longitudinal continuity, construction of fish ladders)

### **Measures for mitigating the impact of navigation**

(modification of ports/harbours, appropriate dredging, decrease of the impact of waves)

### **Enhancement of sustainable water use**

(Modified water use/licensing, restriction of illegal use, enforcement of ecological and quality aspects, exploration of alternative resources)

### **Special measures for improving status of protected areas**

(assessment of the significant damage of water dependent habitats, tailor made mitigation measures, ecological water supply, changes in land use of nature protection purposes)

### **Legislative background of the above measures**

(assessment of the significant damage of water dependent habitats, tailor made mitigation measures, ecological water supply, changes in land use of nature protection purposes)

**Estimated cost: 300 billion Ft (~ 1 billion Euro), 10% of the total cost mainly between 2016 - 2021**