

## **Workshop 2**

### **Poster presentation**

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### **Gene Bank as a minimization tool: its role in the biggest European dam (Alqueva, Portugal)**

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The construction of the biggest European dam has flooded 25000 ha and has affected an important area of SE Portugal (600000 ha). Due to the direct impact on plant populations and future changes in land use, a Gene Bank was implemented as a minimization action. After 4 years of effort collection, 1200 specimens from over 300 are preserved in the "Antonio Luis Belo Correia Gene Bank". These species represents 60% of the flora of the area.

After flooding, several actions of restoration and impact compensation of the area have been and are implemented. The role that this Gene Bank could play as a minimization action will be illustrated with several examples such as habitat restoration, plant population reinforcement, enhance animal habitats requirements and aesthetically enhance of leisure sites.

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