



Project  
Innovation  
Awards



**THE IWA 2012 EUROPE & WEST ASIA REGIONAL PROJECT INNOVATION AWARDS  
WINNERS AND HONOUR AWARDEES**

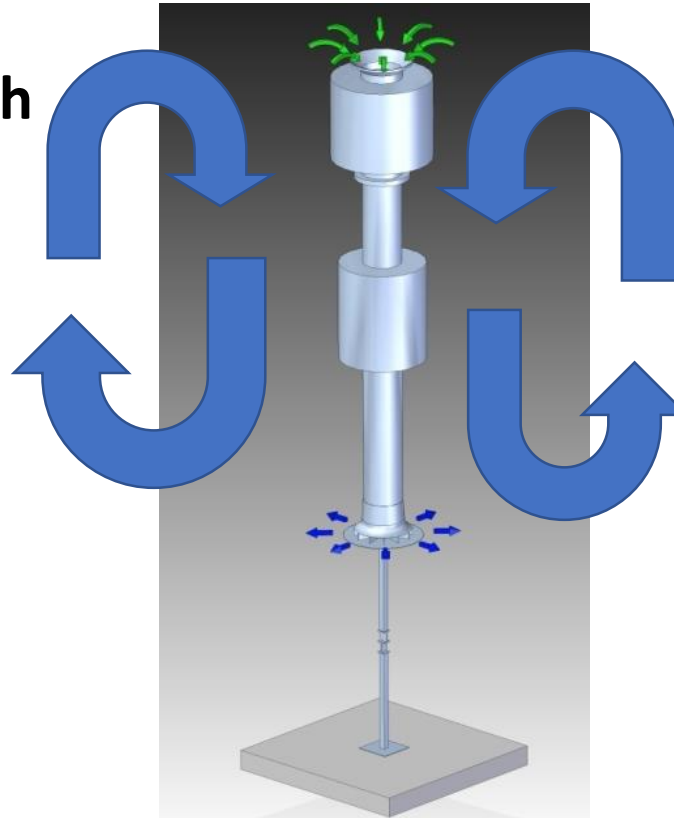
**Small Projects**

**Honour Award -** *Precipitation of phosphates at the inlet stream into Brno reservoir leading to the elimination of cyanobacterial proliferation*  
by ASIO, spol. s r.o., Czech Republic



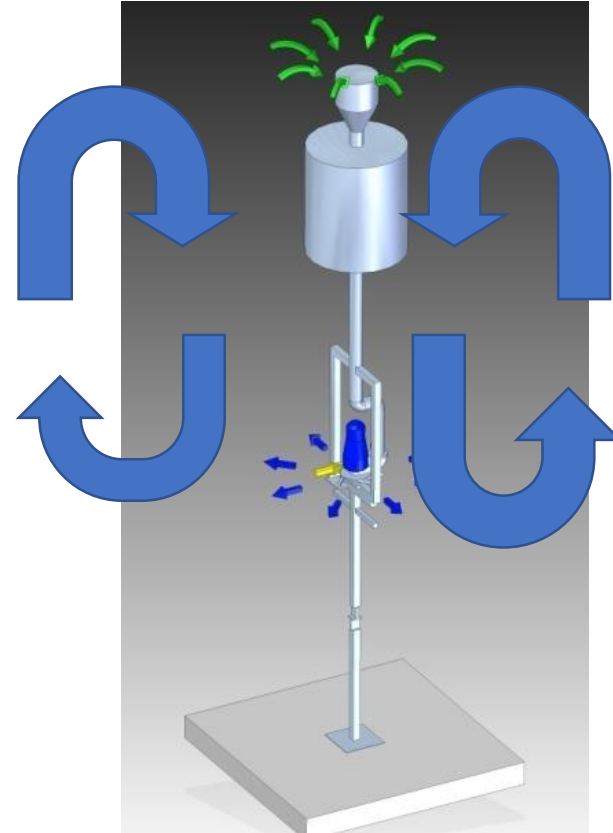
# Project of removal and elimination of growth of cyanobacteria at the Brno damm

**Aeration tower with pump**



# Project of removal and elimination of growth of cyanobacteria at the Brno damm

**Aeration tower with diffuser**





# Project of removal and elimination of growth of cyanobacteria at the Brno damm



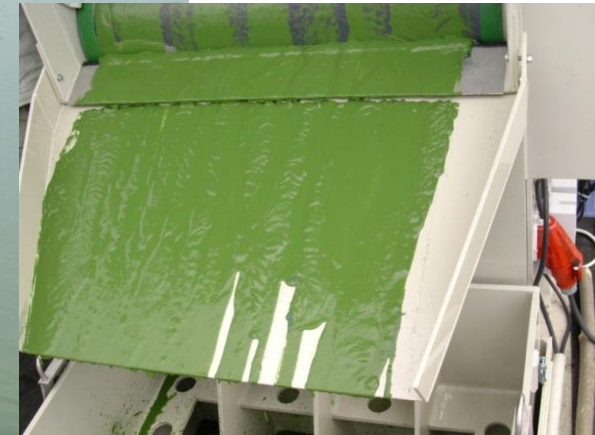
**Tanks for dosing PAX at inlet 3 x 20 m<sup>3</sup>**

**Injection frames for dosing PAX**



# Project of removal and elimination of growth of cyanobacteria at the Brno damm

**Boat for collecting biomass from water surface**



# Project of removal and elimination of growth of cyanobacteria at the Brno damm

## **Two important criteria:**

- Reduction of cyanobacteria in sediments to 50%,
- Increase of oxygen concentration at 1,0 m above bottom to 2 mg/l.
- ...and of course the people appreciating better touristic conditions

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