

## References: Constructed wetland wastewater treatment systems

- Since 1995 we have been working in the field of constructed wetland wastewater treatment systems, especially reed beds.
- Planning and successful implementation of more than 120 treatment plants until today, mainly in Northern Germany.
- Planning and implementation of modernization and enlargement of municipal sewage plants with constructed wetland systems for up to 1000 p.e.
- Planning and implementation of reed bed systems for treatment of reject water from biogas -plants.
- Planning and implementation of reed bed systems for the treatment of agricultural and industrial wastewater.
- Planning of systems for sludge treatment by means of reed technology.
- Implementation of reed bed systems as biological unit of household purification plants:
  - Systems with/without septic tank.
  - Horizontal flow systems with/without external energy.
  - Vertical flow systems with/without external energy.
  - Group solutions.
  - Stand alone solutions.
  - Conversion of slurry tanks to reed beds.
- International activities:
  - Co-operation with Center for Recirkulering, Denmark (willow facilities, reed beds)
  - Beijing, China: Presentation, workshop on sewage treatment in rural areas, April 2007.
  - Demonstration reed bed, Beijing, Oct. 2007

