

Treatment wetlands for sewage sludge dewatering and mineralization at Shenyang, China

client:
 Planning & Design Institute
 of Hunnan New District,
 Shenyang, China

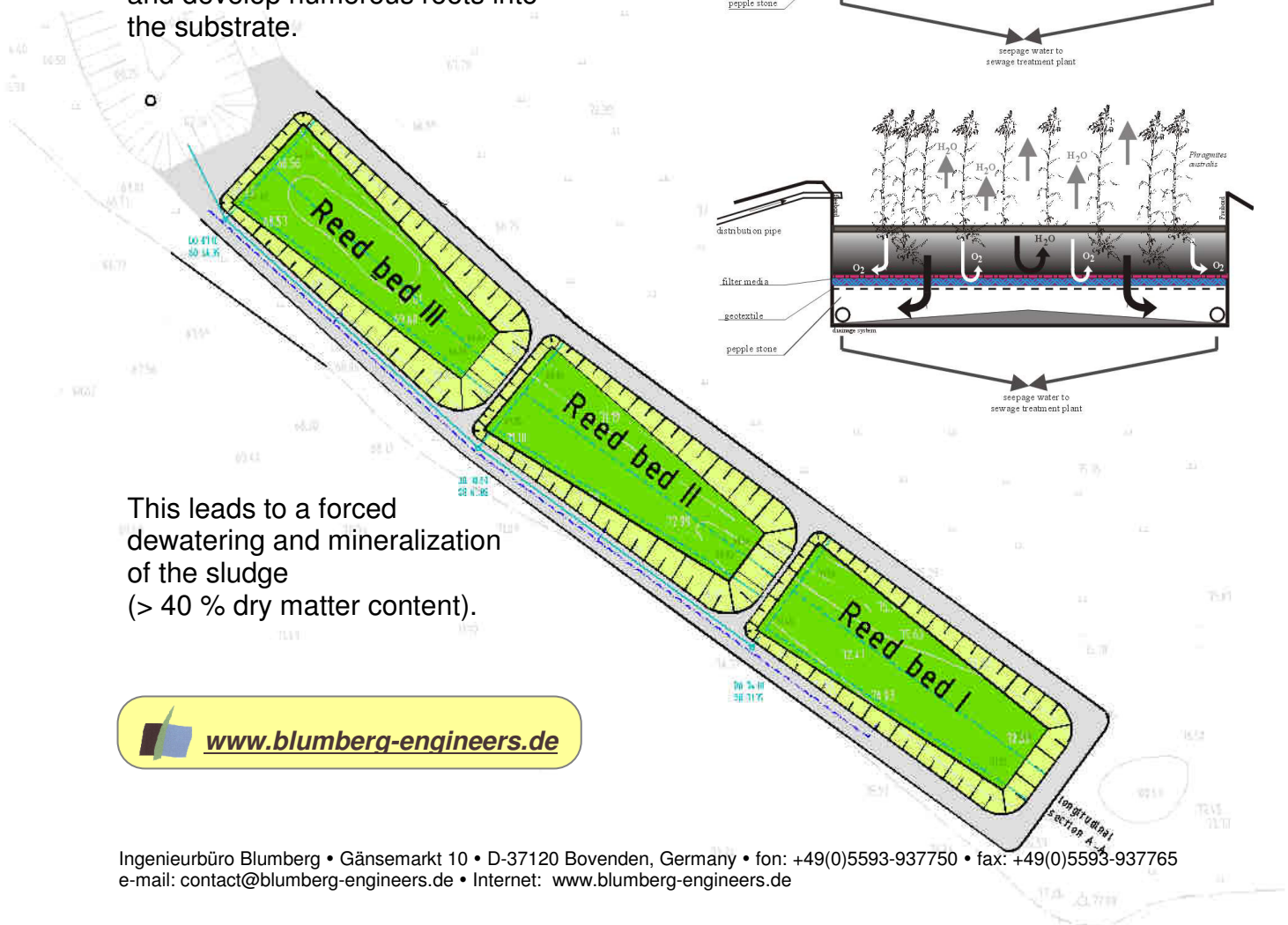
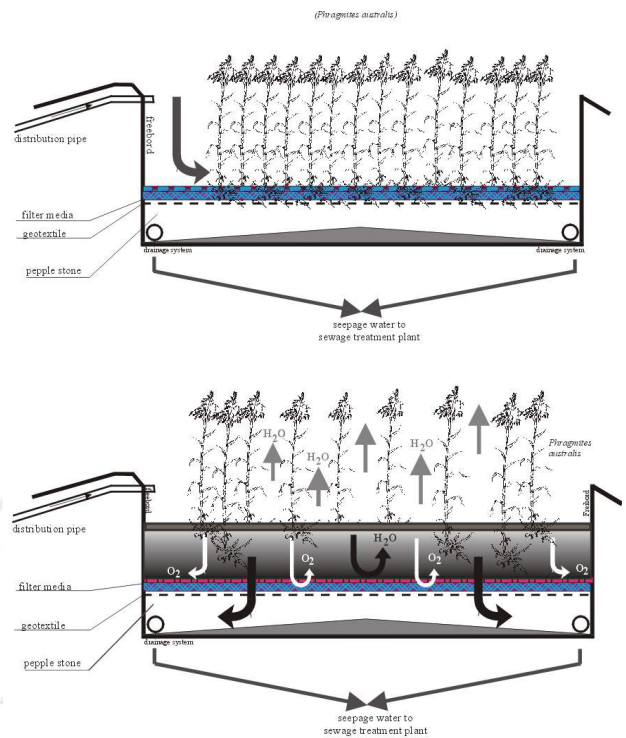
Primary sludge treatment from a
 reed bed treatment system at Hunnan
 New District.

Population equivalent:
 6000 PE

Planning: 03 – 05/2003
 Construction: 05 – 10/2003

Space requirement:
 - 7,500 m² (total area)

Domestic sludge is dispersed onto
 reed beds. The reed plants grow
 through the overlying sludge
 and develop numerous roots into
 the substrate.



This leads to a forced
 dewatering and mineralization
 of the sludge
 (> 40 % dry matter content).

