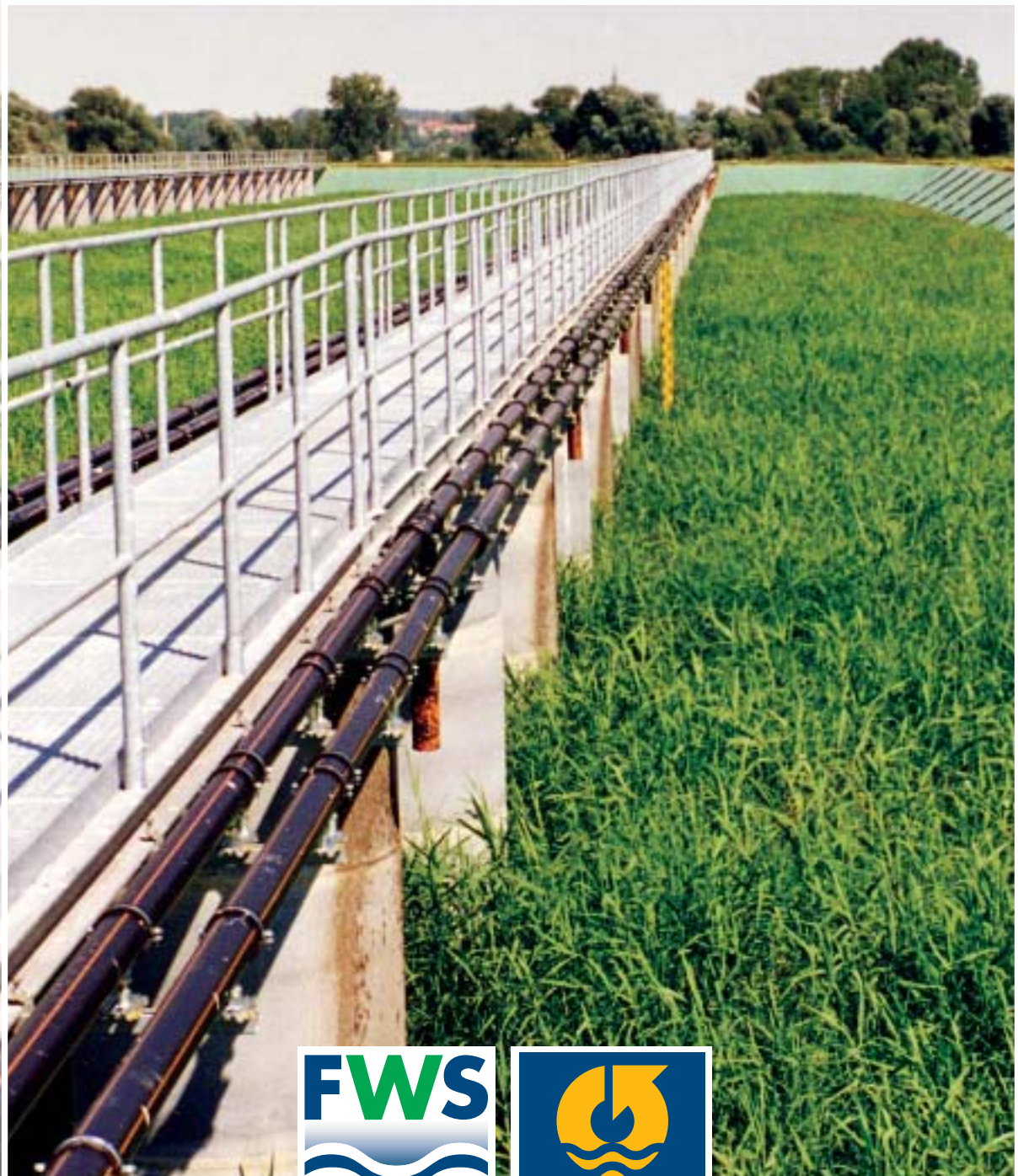


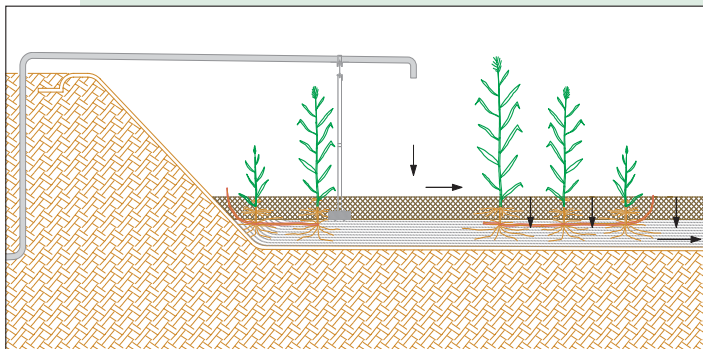
PURE-Sewage Sludge Treatment System



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Operating Mode and System

In order to treat sewage sludge in a PURE-Sewage Sludge Treatment System the sludge is flushed onto the reed beds. Due to the natural dehydration and mineralisation of the organic sludge content the volume of the material is reduced. Sun, reed and micro-organisms play a major role in this process.



Cross Section of a PURE-Plant



Residual Material

The reed bed will be excavated every 8 to 15 years. The soil is re-composted and can be used for landscaping and the re-cultivation of landfill-sites.

Application

The PURE-Sewage Sludge Treatment System can be used for municipal and industrial sludges, as well as for river, harbour and lake sediments and sludges.

Special sedimentation systems for other sludge like e.g. fermentation residues or slurries from breweries are developed individually for the actual purpose.



Eco-friendly

The only essential factor for an optimised and proper working PURE-Sewage Sludge Treatment System is the sun. There are no side-effects, neither smell nor pollutants.

Cost-effective

PURE-Sewage Sludge Treatment Systems are characterised by

- Low investment and operating costs
- No disposal costs
- A life-span of several decades and long intervals for the excavation



User-friendly

In spite of the complex technology the actual operation of the PURE-Sewage Sludge Treatment System is simple. Maintenance and repair input are low.

The Advantages of the PURE-Sewage Sludge Treatment System

- Cost-effective in construction and operation
- Easy to operate and maintain
- It only needs energy from the sun
- An operation period of several decades
- A semi-natural and local alternative
- Reuse of run-off water

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The One-stop Service Provider

- Customised design and consulting
- Construction and commissioning of PURE-Sewage Sludge Treatment Systems
- Long-term customer care
- Customised financing
- A technologically advanced and mature product due to 20 years of operating experience



PURE-Sewage Sludge Treatment System - Using the Energy of the Sun



Pure-Milieutechniek bvba
Averbodeweg 21 b
B-3271 Zichem - Belgium
Tel - Fax: +32/13/77.33.13 - +32/13/77.26.40

E-mail: pure-milieutechniek@skynet.be
Website: www.pure-milieutechniek.be