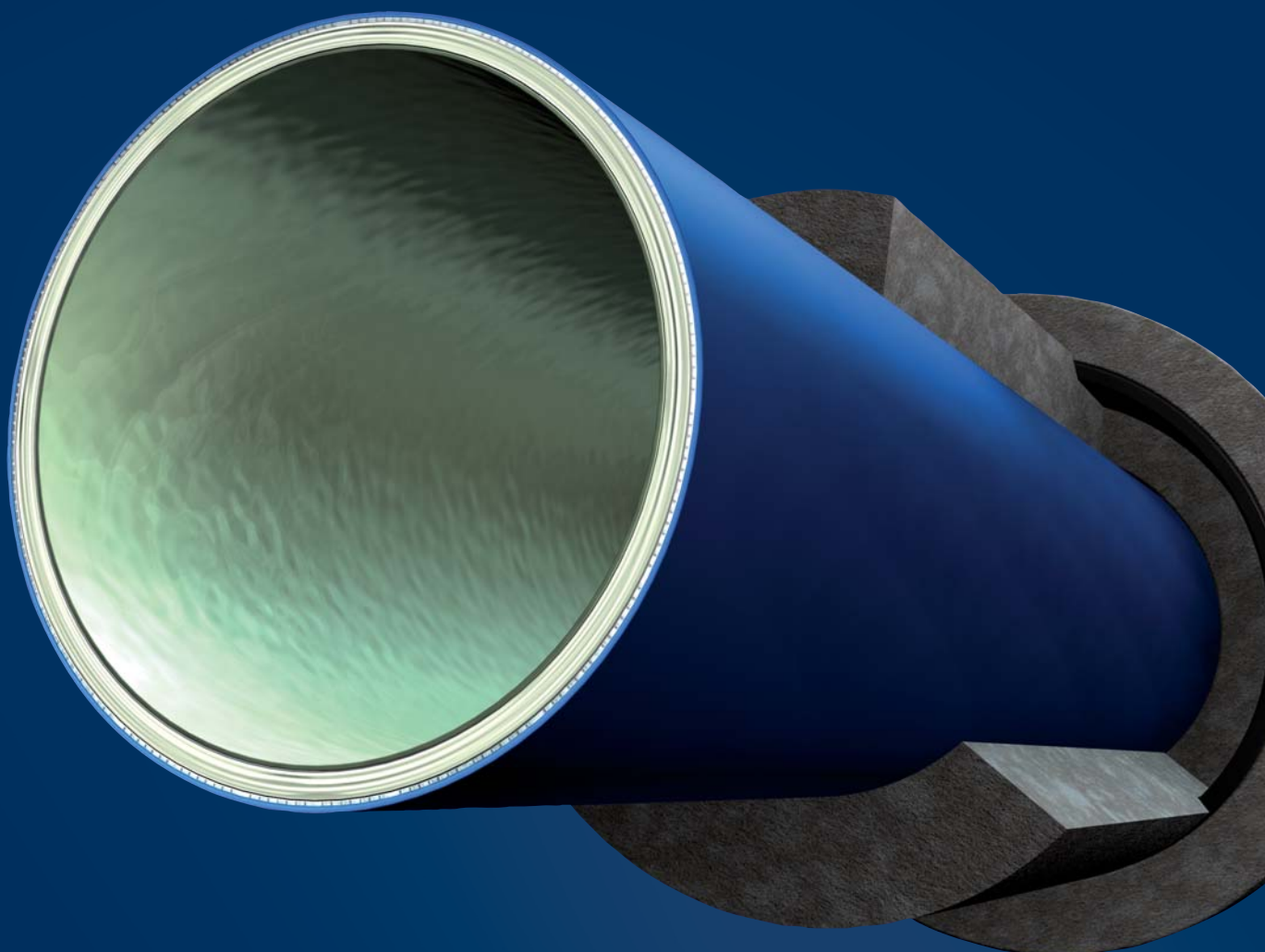


RELIN<sup>•</sup>EEUROPE

Technology & Services

The systems supplier for  
innovative trenchless pipe  
rehabilitation methods



# TRENCHLESS REHABILITATION TECHNOLOGIES

better value!

There is a high demand for the rehabilitation of underground pipe systems worldwide. A significant portion of the existing pipes has deteriorated with age or become damaged by continuous mechanical stress and cannot reliably fulfill their intended function any longer. The step-by-step rehabilitation of these pipes is a great challenge for municipal authorities and network owners – technologically, economically, and environmentally.

Trenchless rehabilitation technologies such as cured-in-place-pipe methods have developed into a promising alternative to conventional open-cut renewal. Due to their great benefits compared with lengthy and costly excavation measures, decision-makers worldwide increasingly rely on modern, trenchless rehabilitation methods.

RELINEEUROPE is offering innovative and future-proof systems for trenchless pipe rehabilitation, supporting companies all over the world in the efficient and profitable application of these technologies. With our holistic approach, we at RELINEEUROPE consider ourselves the ideal partner for companies in the rehabilitation industry.

## RELINEEUROPE at a glance:

The RELINEEUROPE Group was founded in 2009 with the goal of establishing a systems supplier for companies in the sewer rehabilitation industry.

The company is based on the founding engineers' and managers' extensive experience in the development and application of trenchless rehabilitation technologies.

RELINEEUROPE focuses on modern trenchless technologies for the rehabilitation of sewers and building laterals.

The company will continue to develop innovative solutions for applications like potable water lines and other pipelines.



## RELINEEUROPE – technology, equipment & service from a single source

**RELINEEUROPE is offering the complete range of rehabilitation components from one source. This is the mission of the Group's three business units: Liners & Technologies, Equipment, and Services**

**The focus is on a systematic approach and customized service:** In addition to high-quality technologies for trenchless pipe rehabilitation, our customers profit from precisely coordinated concepts, technical support, and assistance with the project execution during all phases of their project.

Our portfolio is complemented by training courses and expert advice. We also offer professional consulting services for the building of an organization for rehabilitation project execution.

RELINEEUROPE is your single-source contact for all rehabilitation projects. Our customers benefit from our strengths as a large organization. Complete packages or individual services:

You decide which part of our offer you would like to accept.



Your ideal partner for future-proof underground pipe rehabilitation systems Technologically, economically, and environmentally.

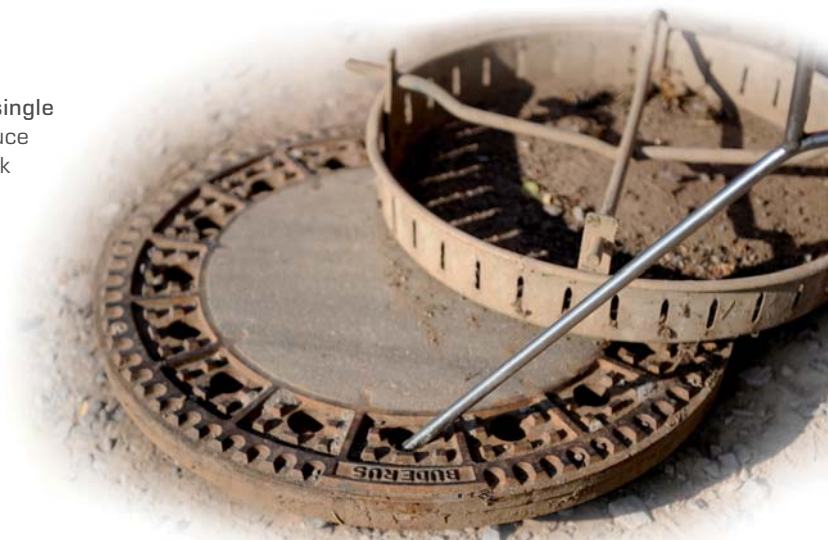


Our focus is on a systematic approach: Customers benefit in all stages of a project, including professional consulting

### Our core competencies

- :: Manufacture of pipe liners, top-hat profiles and other GFRP materials
- :: Sales and distribution of various equipment, accessories and other pipe rehabilitation methods, sheathing, cutters, grouting robots
- :: Manufacture and supply of equipment for liner installation, UV curing, and for the maintenance and repair of systems
- :: Consulting, technical advice and engineering
- :: Training
- :: Development of new products and methods

All products and methods are available worldwide from a single location. In those areas where RELINEEUROPE does not produce its own technologies, we cooperate with competent network partners, which enables us to offer a comprehensive product range for all customer demands.



# RELINEEUROPE LINER & TECHNOLOGIES - Production of high-quality materials

In our Liners & Technologies department we manufacture pipe liners, top-hat profiles, and other GFRP materials. In addition to our efficient and high-quality manufacture of each product, we also develop new, innovative processes based on our years of experience.

Currently our focus is on the manufacture of the following products:

:: Alphaliner -  
UV light curing GFRP pipe liner



:: HSR-top-hats  
UV light curing, installation depth up to 2' (60 cm)



## ALPHALINER - the new pipe liner generation

**RELINNEUROPE has developed the Alphaliner, a latest-generation, seamless, light-curing GFRP hose liner. The Alphaliner's fields of application are the trenchless rehabilitation of drainage lines in all the usual dimensions and cross-sections from DN150 - DN1200.**

The Alphaliner differs from traditional liner technologies in its design and material composition. Furthermore, we have developed a new UV curing technology specifically for this pipe liner.

The process offers the following specific advantages:

- :: Diameters from DN150 to DN1200 for all common circular, egg-shaped, rectangular and special profiles
- :: Extremely fast curing with UV light, so the rehabilitated sewer can quickly be put back into operation
- :: Maximum mechanical stability through special fiberglass reinforcement allowing for minimum wall thickness
- :: Excellent high-resin inner surface for chemical protection; especially smooth surfaces with high chemical and mechanical resistance
- :: Finely scaleable power usage for the UV lamps from 300 - 1000 W for optimum curing speeds
- :: Use of mobile or fixed UV devices (Alphaliner UV.Mobile, Alphaliner UV.Professional)
- :: TQM - Total Quality Management: Continuous quality management from the raw materials to the completed sewer



Manufacture of high-quality products such as hose liners, top-hat profiles and GFRP materials. Development of new, innovative processes.



The Alphaliner will be available in 2010. Please contact us for more detailed information.

# RELINEEUROPE EQUIPMENT - ready for complex rehabilitation projects

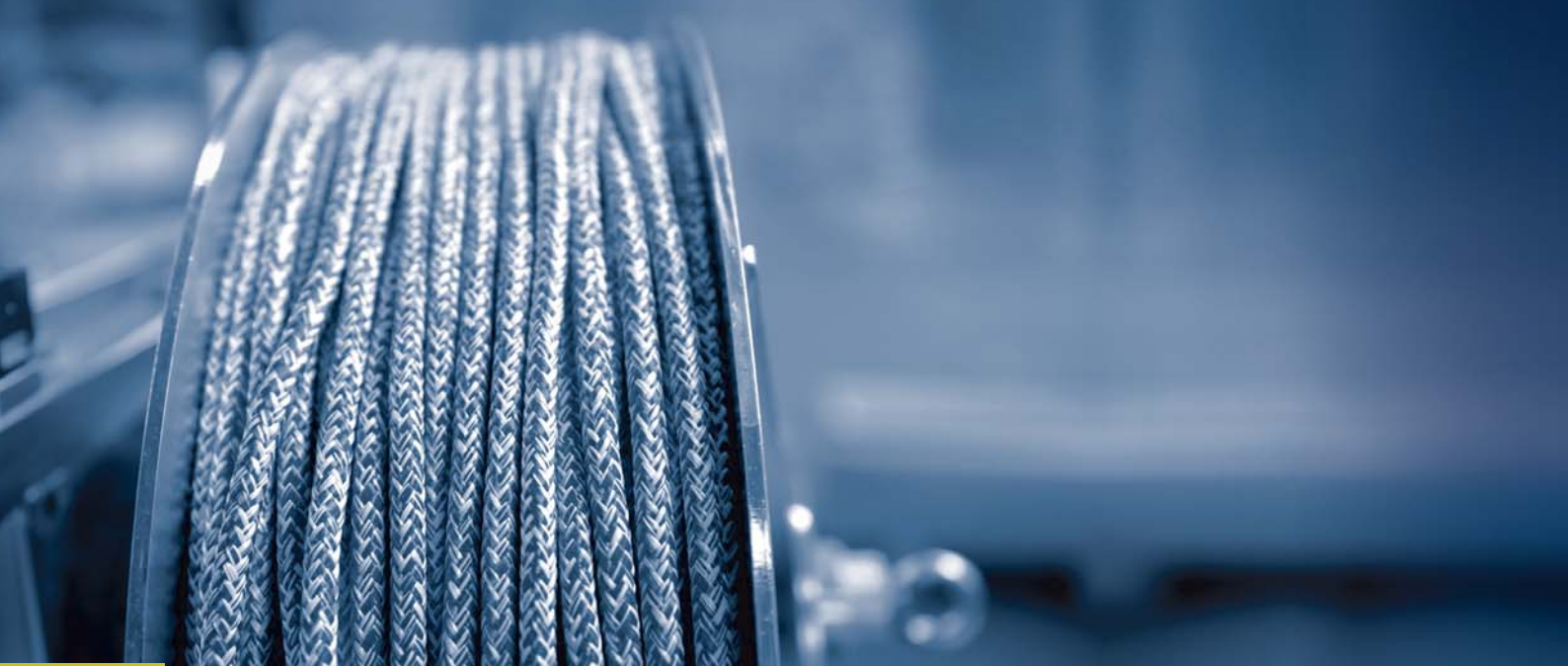
The quality and business success of a rehabilitation project depends strongly on the equipment used. RELINEEUROPE Equipment develops and manufactures complete systems for the curing of GFRP pipe liners using UV light. We also deliver any equipment necessary for the preparation and completion of the project on-site. All systems are also available for rent. Maintenance and repair, proper consultation and personal training are included as a matter of course.

## Our offer:

:: UV curing systems as well as support and service vehicles, including the required accessories

:: Conveyor belts, winches, compressors, compactors, tools, milling robots and much more

:: System maintenance and repair





## RELINEEUROPE SERVICES - support in all stages of your project

**Our Services unit offers complementary services for technologies, support for project planning and execution as well as for business development. The specific requirements of our customers are our top priority.**

### Our service:

- :: Engineering/technical support:**  
construction site planning and preparation, stress analyses, standardization, international certifications, technical information
- :: Consulting:**  
Competent and experienced experts offer advice on all issues required for a successful rehabilitation organization. This includes setup planning, personnel, budgeting, processes, the selection of suitable technologies, and on-site controlling.
- :: Project execution/contracting:**  
We also assist our customers with complex international projects, and we offer support for planning and execution
- :: Training:**  
At the RELINEEUROPE Training Center, we offer instruction for our customers' employees in various fields related to application technology and the rehabilitation process.
- :: RE.DESK – RELINEEUROPE information system:**  
Our web-based helpdesk provides our customers online with process manuals, forms, materials for stress analysis, equipment overviews including rental equipment, requirement profiles, approvals, and other information on materials and technologies.



Development and manufacture of complete systems for the curing of GFRP pipe liners using UV light. Supply of accessories



Support in all project stages from planning to execution. Training and current information.

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## RELINEEUROPE

### Technology & services for trenchless sewer rehabilitation

- :: Trenchless pipe rehabilitation technologies
- :: Equipment
- :: Services

We will gladly meet with you in person to present our product and service portfolio.

Simply contact us!