## **Total Cost of Ownership: PVC-U vs. Other Pipe Materials**

The Milan-based consultancy Althesys has conducted a Total Cost of Ownership (TCO) analysis comparing PVC-U to non-plastic materials for water and sewer lines. The analysis considered the costs to purchase pipes, install, operate and maintain and dismantle the pipeline.

## PVC-U provides significant cost savings

The Althesys study shows significant economic advantages for PVC-U over ductile iron and GRP in water lines and concrete or clav in the sewer lines. Main savings are realised on the installation costs.

## Uselful model for decision makers

The research and model from Althesys help decision makers as they weigh the costs and benefits of pipeline materials in water and sewer infrastructures.

Summary of the TCO study is available on pvc4pipes.com



Initial costs (€/m) Operational and maintenance costs (€/m) End of life costs (€/m) Life cycle stages MAINTENANCE PURCHASE MAINTENANCE COSTS PIPE COSTS Life cycle costs Earthwork costs Price lists Pipeline laying costs Other costs

400



Purchase

Water pipe

DN=315 mm, Italy, 100-year service life.

Sewer pipe DN=400 mm, Germany, 50-year service life.



## €/m

QPVC4Pipes pvc4pipes.com @PVC4Pipes\_ECVM ₩ info@pvc4pipes.com

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