



Category: Drinking water, Water resources management

Sub Category: Curing urban water pipeline leaks, Leakage repair, Non Revenue Water (NRW), Trenchless technology, Leak detection and repair

www.curapipe.com

Company profile

Curapipe is a pioneering developer of a breakthrough leak curing solution for buried pipelines. Focused primarily on urban water distribution networks that constantly leak, Curapipe is positioning its solution as a low cost alternative to water mains renewal.

Uniquely repairing leaks and cracks that normally go undetected by existing detection technologies, bulk reduction of leakage is now made possible with minimal disruption and rapid deployment. Curapipe's technology platform is also suitable for future rollout in the oil and gas industries.

Date of establishment: 2007

No. of employees: 8

Background on the company

An early-stage company led by experienced management, Curapipe is poised to make a large and lasting impact on the pipeline repair industries.

As a veteran of the ATI Cleantech incubator the company's unique human resources (mostly PhDs) span multi-disciplines including hydrodynamics, materials, chemical & mechanical engineering and pipeline maintenance with proven track records of practical and applicable IP. With this talent Curapipe has now created an innovative and affordable trenchless repair category of undetected leakage in pipelines that has not been attempted to date.

Examples of past projects

Prototype testing at the Eilat-Ashkelon Pipeline Company.

Technology & product(s)

General description:

Trenchless Automated Leakage Repair (TALR) which seeks to fill a requirement gap in the market for a trenchless intervention with minimal social and environmental disruption levels aimed at surgical leakage repair of water mains at low cost levels.

Function of the product(s):

TALR is an automated all-in-one system comprised of three distinct functions (a) leak detection within a pipeline section (b) instantaneous leak sealing and (c) long term leak curing.

Objectives / Target companies

Pilot tests with water utilities seeking a widespread solution for bulk leakage reduction in urban distribution networks. JV partnerships with strong local/regional maintenance companies providing services to water utilities.