Condition Assessment of metallic pipes - Experiences and Takeaways of collecting pipe samples over 15 years

By Maxim Juschak and Angelika Becker, IWW- Wasser

The calculation of the individual remaining lifetime of metallic pipelines is a basic factor in rehabilitation planning.

But which kind of benefit is generated, using these experiences in a statistical analysis of a collection of more than 400 pipe samples?

What are the (sometimes surprising) takeaways considering specific use cases or even whole networks? And how can this knowledge be applied in the context of ongoing developments using methods of non-destructive inspection of pipelines.