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Qatium Data
Meets
Water

(DON'T!)
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WATER**

Have you ever walked through
a city and curiously observed
the water and sewage
networks?

Of course not; they are
invisible!

So how do you
manage the invisible
as a utility?

A hydraulic model lets you
bridge that gap to simulate and
understand what is actually
happening in the network

You gather your data; you clean it, build
a model around it, validate it with field
tests, and boom, you have a mathematic
version of the hidden infrastructure you
manage...

... the buzzword at the moment for it is “digital twin!”

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But if most utilities have one more or less advanced of these twins nowadays, the way they use it still widely differs.

The classical approach is to use it for the long-term planning of your network.

Are the pipes that I've got in the ground going to be suitable for the next 30 years?

This is already a great added value, as we're talking of billions of dollars worth of planning. But:

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I see hydraulic models having so much more potential than just being something that's pulled out every five years to write up a big plan!

Indeed, it can upgrade your day-to-day operations, help to reduce your non-revenue water with district metered areas, or simply better explain what you physically notice in your network.

But if you're a hydraulic engineer (like me 😏), you may have a love-hate relationship with hydraulic modeling.

Sure it's powerful! But it's also SO complex... unless someone simplifies it.

Qatium's tag line may be "hydraulic models, really accessible for all."

This comes in two shapes: you can build your model on the platform, leveraging your GIS data, or rather directly import your existing model.

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The company's promise is then to enhance your user experience and ultimately build a single source location where every decision can be made.



And who knows, that model may well one day even take decisions and actions for you. Sexy or Scary?

We also covered:

- The key steps to building a hydraulic model
- The challenge of providing freemium software in a market educated to much more expensive approaches
- How Qatium is exploring a path that's already been tried in the past, but from the other end
- How onboarding 150 Utilities in 3 months is probably a good proof of product-market fit
- How Qatium's open-source approach unfolds a path for market places and service offerings
- How sensitive it still is, to mention that in the long run, modeling tools may be able to take decisions and actuate the networks
- How every person that counts in the Water Industry seems to be on Qatium's board - and how of an Industry's UFO Qatium's marketing is
- Leak Detection, Roadmap, Stepping on other people's toe, AI vs Modeling... and so much more!

**Don't miss a single bite:
head over to dww.show!**

