

Framence launches EU-funded project to improve water management in northern Ghana

Framence, a leading provider of digital twins of buildings and technical assets, is launching a pioneering project to improve water management in rural communities in Ghana. Northern Ghana in particular is severely affected by droughts and a lack of water infrastructure. With its innovative solution, the German software company aims to use water resources more efficiently and minimize losses in the form of leaks.



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**Funded by
the European Union**

Bensheim, Germany, May 8, 2024 – In northern Ghana, high evaporation rates, infrequent rainfall and the effects of climate change are leading to a severe water crisis. Around 50% of water is lost on its way from source to consumer due to leakages and illegal extraction. These losses pose a massive challenge for agriculture and the supply of water to local communities.

Framence will spend the next six months creating a photorealistic digital twin of Ghana's water infrastructure as part of the SME Innnowwide funding program (<https://innowwide.eu/>). The project, which is funded by the Eureka Association (<https://eurekanetwork.org/>), aims to record water flow rates in real time and immediately detect leaks or illegal withdrawals. “The digital twin will allow us to pinpoint exactly where problems are occurring, enabling fast and targeted maintenance work,” explains Adrian Merkel, Managing Director at Framence.

Press contact

Alexandra Kiourtsi

Public Relations

+49 6251 / 584 - 261

a.kiourtsi@framence.com

Framence

Berliner Ring 103

Bensheim - Germany

+49 6251 / 584 - 0

info@framence.com



This flagship project will not only significantly reduce water losses and improve the reliability of the water supply, but also serve as an example for other drought-stricken areas throughout Africa. It is a significant step towards the sustainable use of resources and adaptation to climate change in one of the most affected countries in the world.

About Framence

Framence is a pioneer in the development of photorealistic digital twins for buildings and industrial environments. Framence's technology enables companies to create highly accurate digital twins of technical assets and entire technical environments. By using Framence's digital twins, companies can significantly optimize planning processes, ensure much more efficient operations, and can thereby realize important financial benefits and savings. For more information, visit www.framence.com.

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