

ICT for MAR/SAT optimization & water reuse An Information System for better management

BLUE PLANET - Berlin Water Dialogues 9th of April 2019

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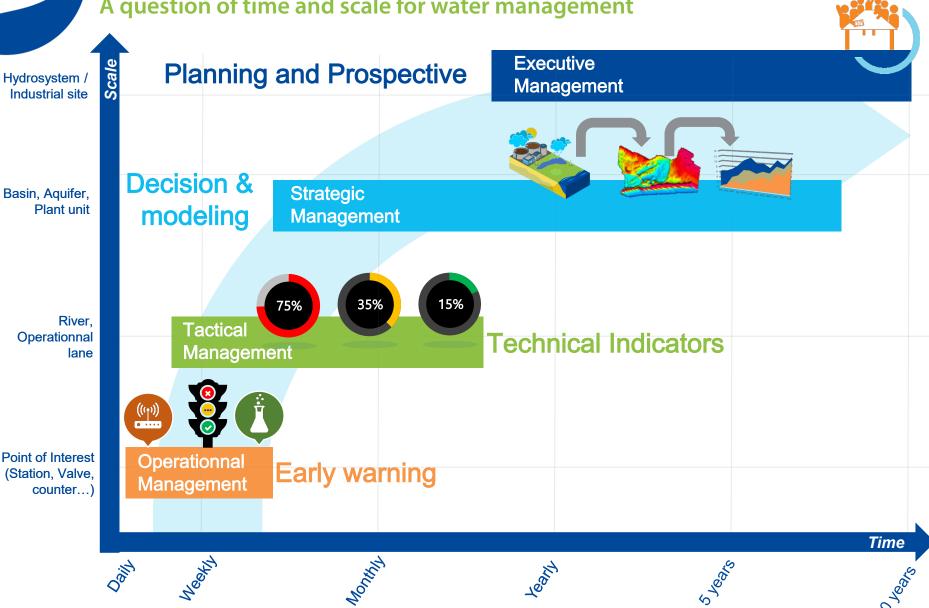




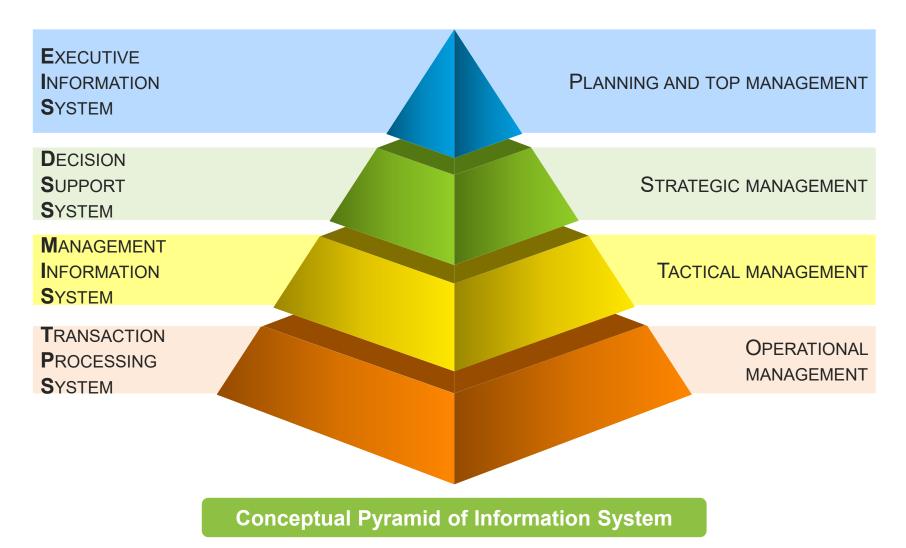




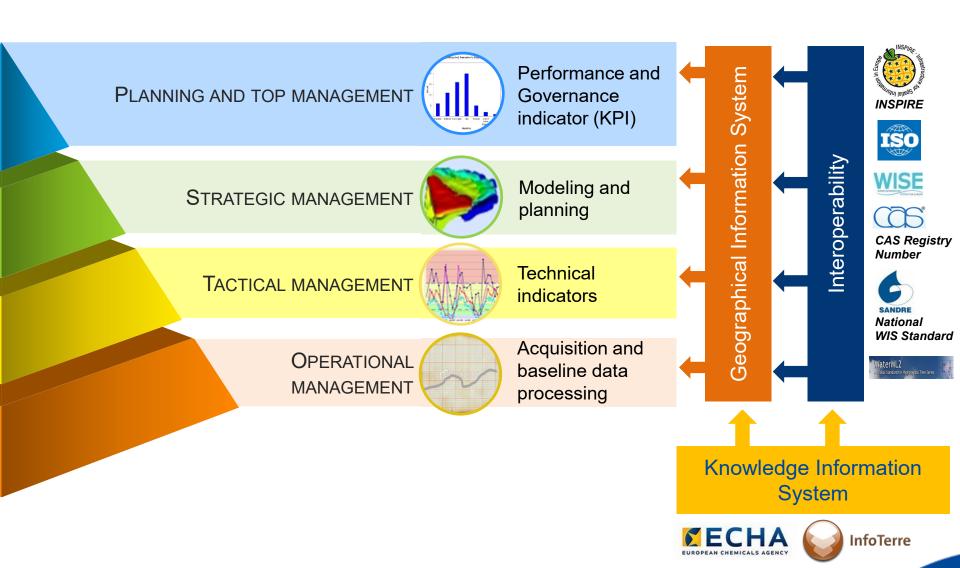
A question of time and scale for water management



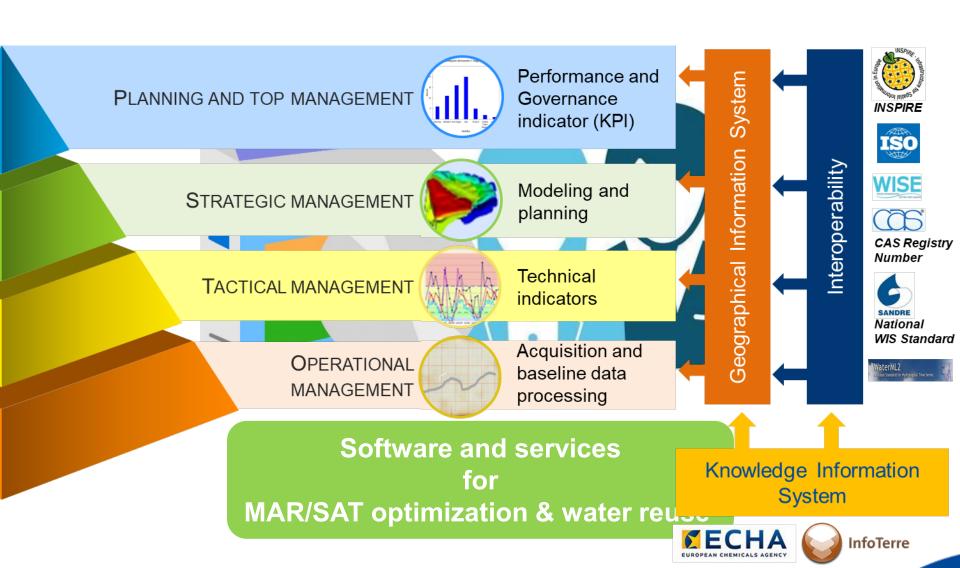
ICT for MAR/SAT optimization & water reuse Global approach



Global approach



Global approach



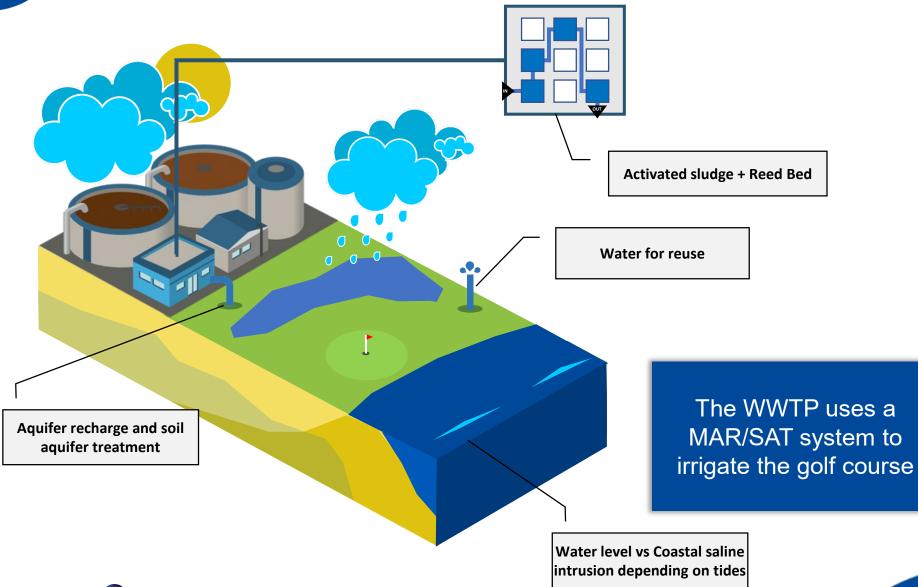
Demonstration site for AquaNES project



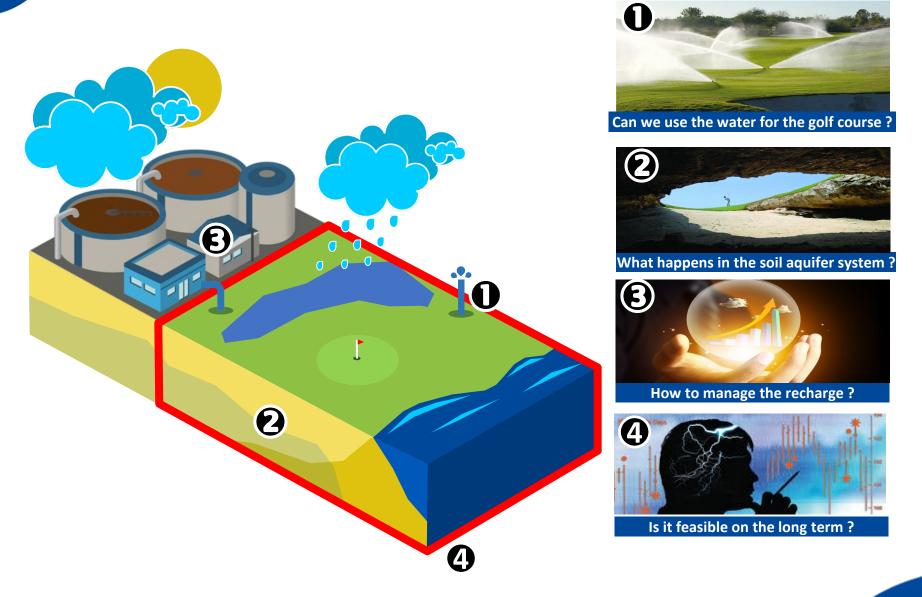
Demonstration site for AquaNES project



Combined Natural Engineered Systems dedicated to golf course irrigation

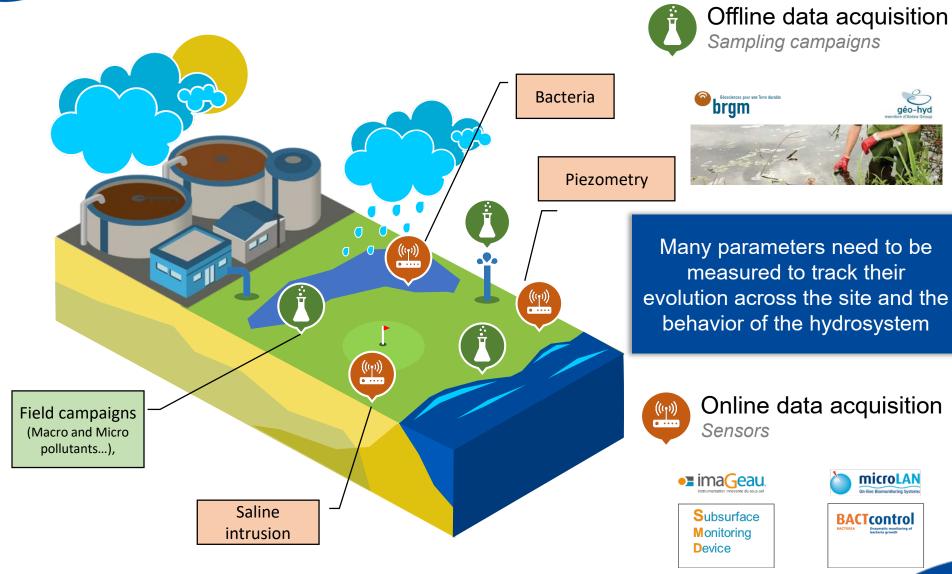


Combined Natural Engineered Systems dedicated to golf irrigation



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Combined Natural Engineered Systems dedicated to golf irrigation



Combined Natural Engineered Systems dedicated to golf irrigation



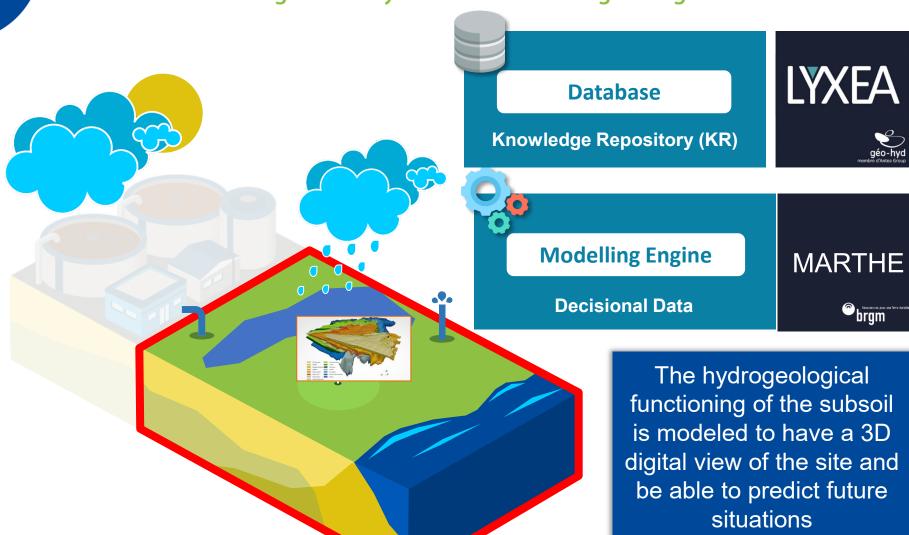


Knowledge Repository (KR)



All these collected data are processed for compliance and interoperability and centralized in a database in order to facilitate their exploitation

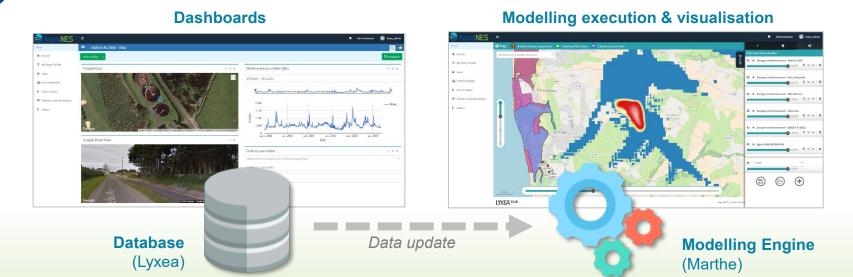
Combined Natural Engineered Systems dedicated to golf irrigation

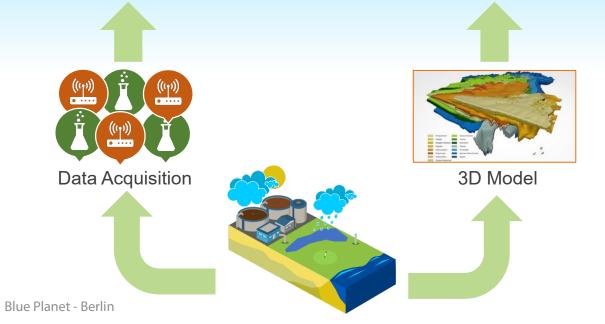


ICT for MAR/SAT optimization & water reuse **Software - Components architecture CUSTOMER WEB INTERFACE DATA CONSULTATION MODEL INTERACTION Full Web Platform** Third part **DATA SERVICES MODEL SERVICES** application STRUCTURED DATA **Database Modelling Engine Knowledge Repository (KR) Decisional Data** SITE DATA SITE MODEL On-ling Biomanitation Systems •**z** imaGeau. **MODEL PREPROCESSING** SITE INSTRUMENTATION

Blue Plane

Final product: Combined ICT solution & Engineering services





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Demonstrating Synergies in Combined Natural and Engineered Processes for Water Treatment Systems



The AquaNES project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement no. 689450

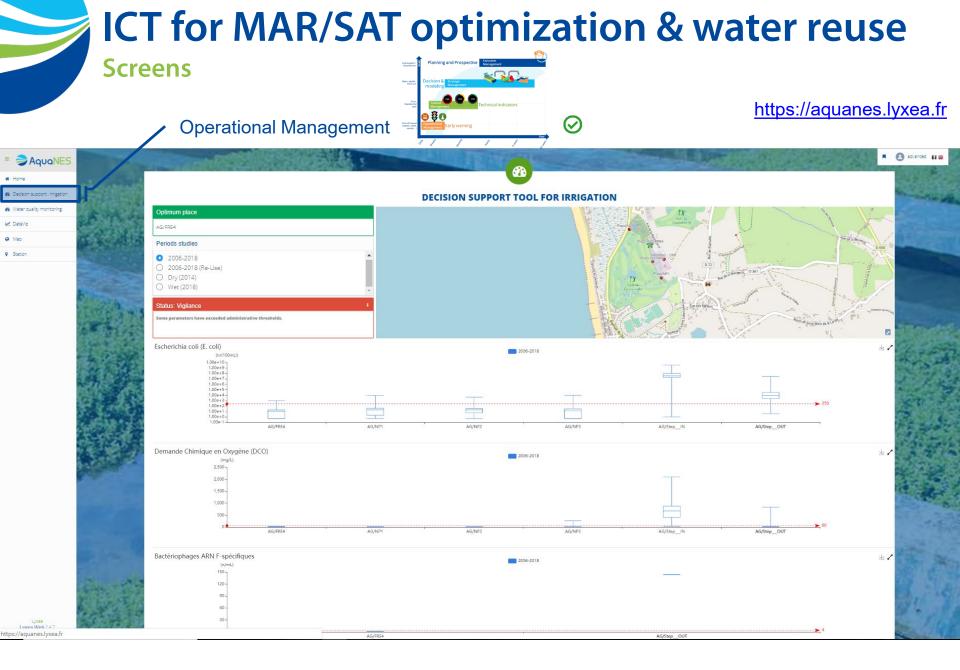
Screens

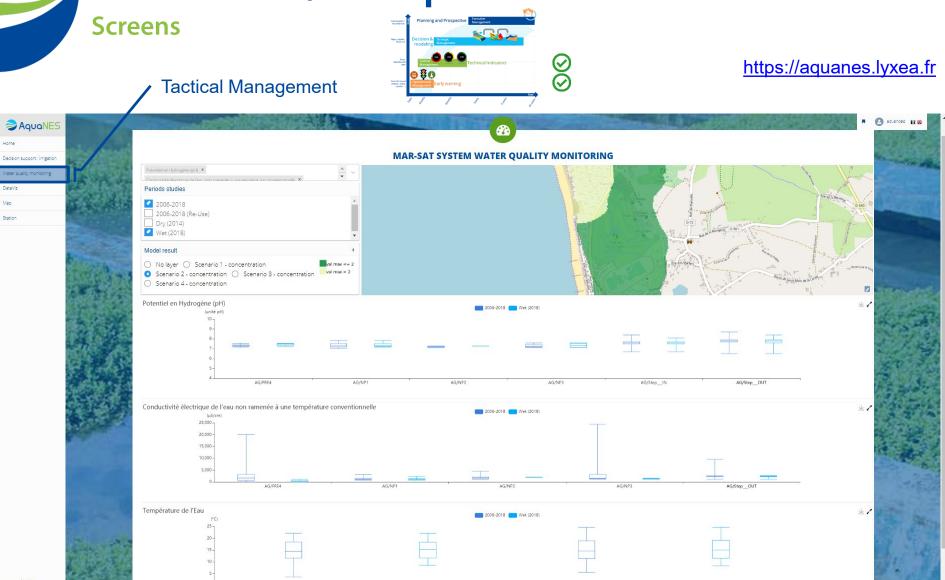
Site Management System

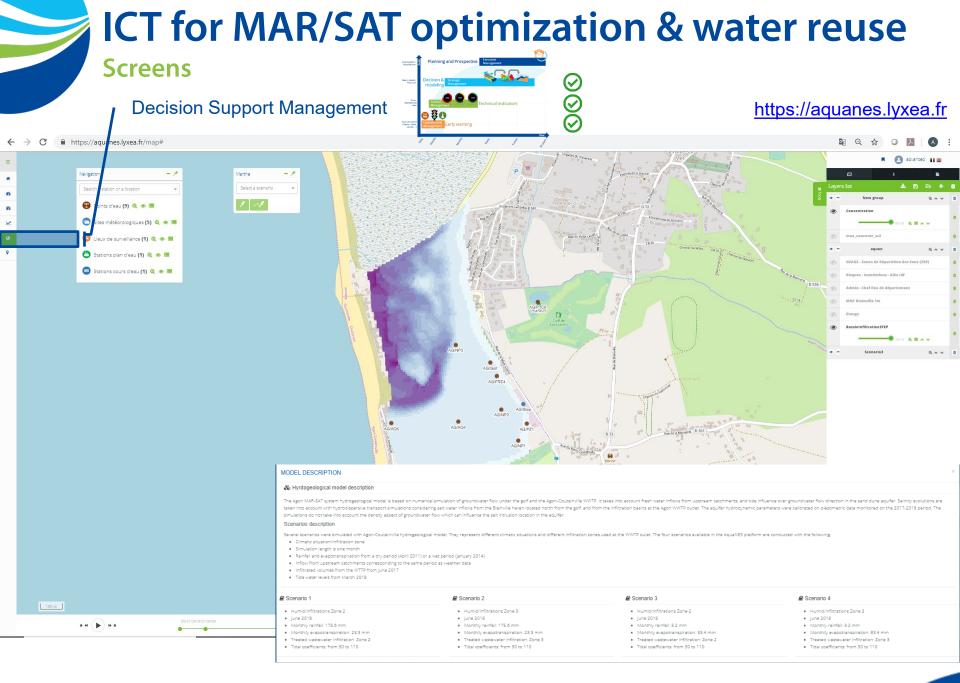
https://aquanes.lyxea.fr



09.04.2019











Thank you for your attention

