

# ARQUICONSULT

Your success. Our solutions.

## B!ARQUIS

### BUSINESS INTELLIGENCE APPLIED TO WATER AND SANITATION SECTOR MANAGEMENT ENTITIES



B!ARQUIS



## About the **SOLUTION**

Understand, anticipate and react to consumer behaviour. Monetize and plan the operation with the main indicators of your activity at your disposal. Excellence in management and service provision is increasingly a necessity for Water and Sanitation management entities. However, due to the amount of information and its dispersion across different information systems, the collection of indicators to support decision making is a constant challenge.

Any decision-maker is obliged, therefore, to have at their fingertips a set of mechanisms capable of providing all the information necessary for the best decision-making: based on current and accurate data.

As a specialist in the field of Business Intelligence, ARQUICONSULT provides a set of data visualization and analysis solutions that allow you to automate the processes of analysing the provision of services and their operation, taking into account the forecast of consumption.

“Factors contributing to high water losses are inadequate asset management, poor O&M practices, poor metering, rampant unauthorized water use, inadequate operational data for the standard water balance, lack of standard terminologies and performance indicators for monitoring and benchmarking performance, and poor governance issues”

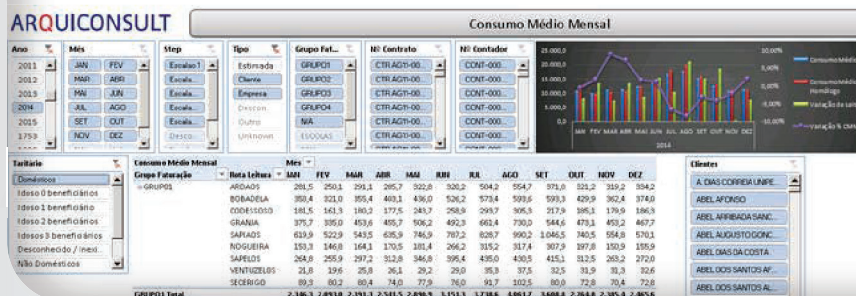
Harrison E. Mutikanga, PhD at UNESCO-IHE Institute for Water Education / Delft University of Technology, The Netherlands, and member of the International Water Association.

## Benefits of the **SOLUTION**

- Accurate and detailed consumption prediction models for decision support;
- Analysis of the operation by business segment;
- Automation of data collection, organization and analysis processes;
- Intuitive user interface;
- Flexibility of implementation and no interference in daily operation;
- Sharing reports on mobile devices for easy collaboration.

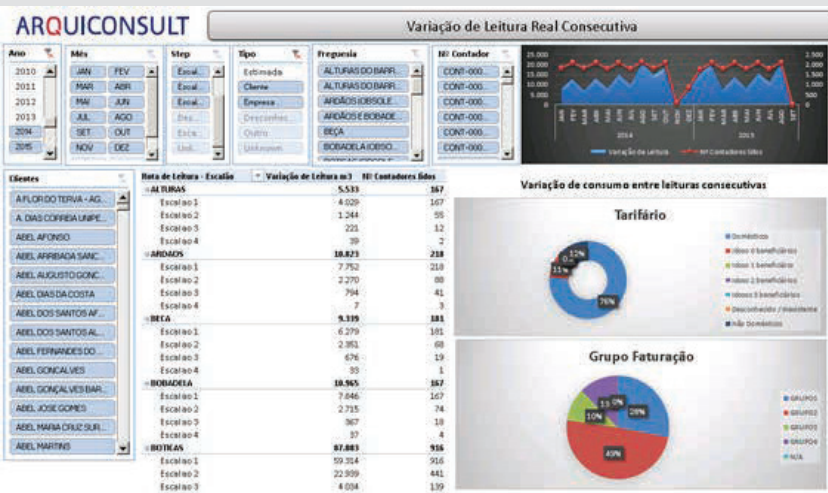
## DATA ORGANIZATION

Automated collection and transformation of the data needed for the development of indicators used in the definition of objectives and the budget for their implementation.



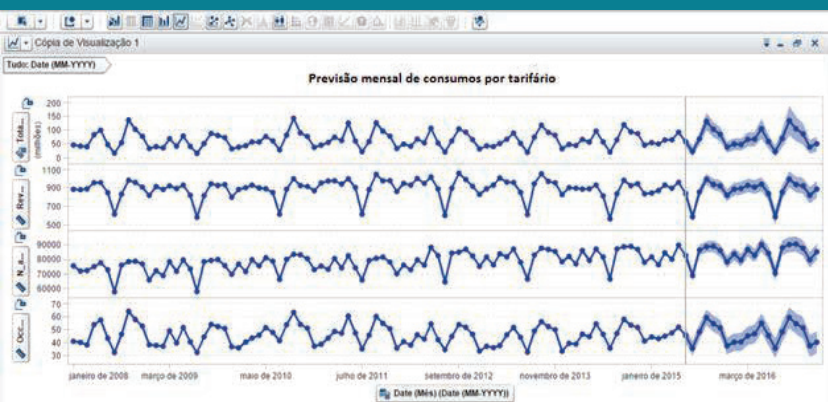
# Multi-dimensional analysis

Visualization and interactive analysis of the most important indicators for monitoring the activity of the management entity. Possibility to analyse activity data by consumption metering zone, tariff, category, and customer groups.



## Consumption Forecasting

Forecast daily, weekly, monthly, and annual consumption using robust forecasting models. Forecast of variations in indicators in special events considering normal activity and seasonality in the Water and Sanitation sector.



## Mobility

View reports on mobile devices with the possibility to comment and share with other users.



## ABOUT ARQUICONSULT

Arquiconsult is an information systems consulting company, based on Microsoft Dynamics technologies, with offices in Barcelona, Bilbao, Lisbon, Luanda, Madrid, OPorto, Riyadh, Salamanca, Seville and Villa Real.

Composed by the largest and most experienced team of consultants, having already implemented some of the most complex Microsoft Dynamics Business Solutions and being frequently referred to international clients for their implementations in our country.

Arquiconsult is constantly innovating its offer and has several verticals available, for several activity sectors, which add value to Microsoft Dynamics 365.

- Aquinos
- Optima Logistics
- NIMCO
- Cork Supply
- Gato Preto
- Go Natural
- Veolia
- Essencis
- Sisav
- Maltha
- Grupo Salmeron
- Fox Reciclagem
- EGEO
- Triu

## LOCATIONS

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