

Water Management Division

Innovative solutions for water
and energy efficiency

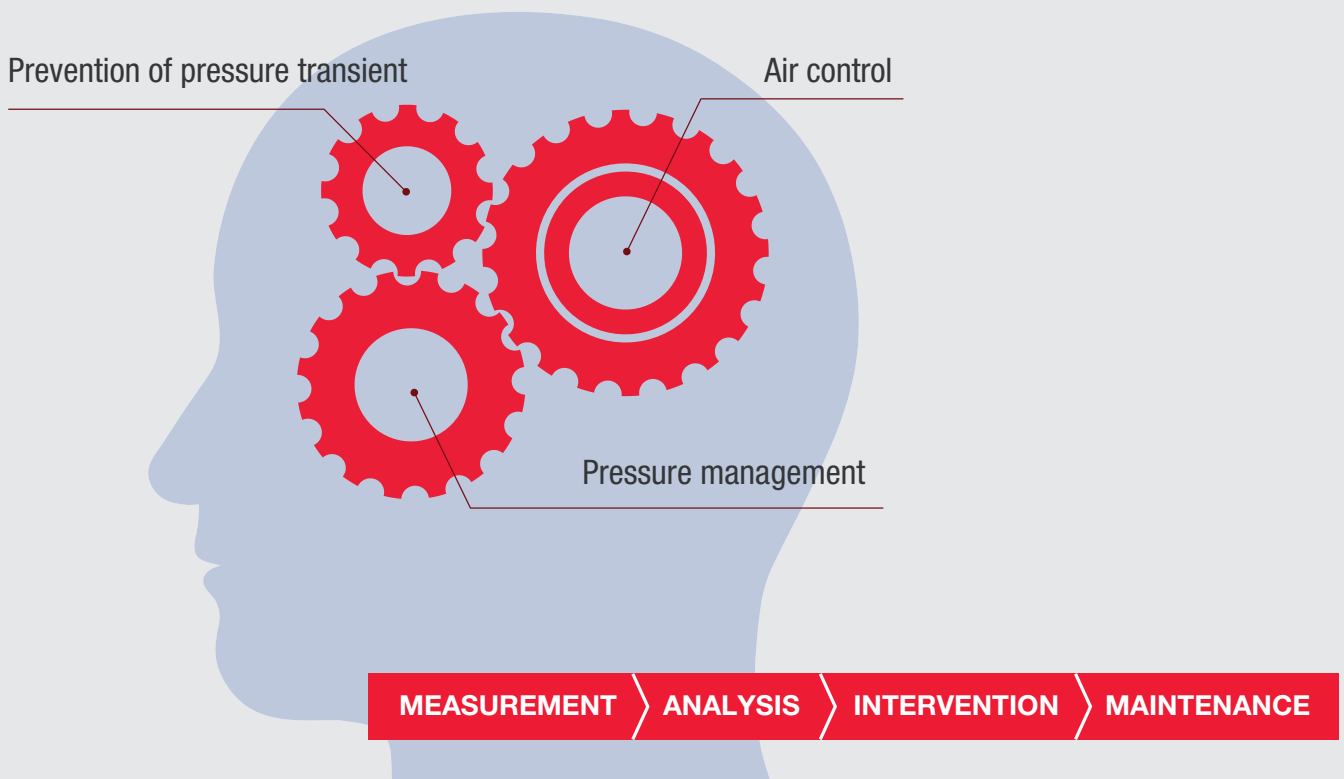


Water Management is the division of **Hitachi Drives & Automation** (Italy) srl dedicated to the preservation of **water resources** and **energy saving**.

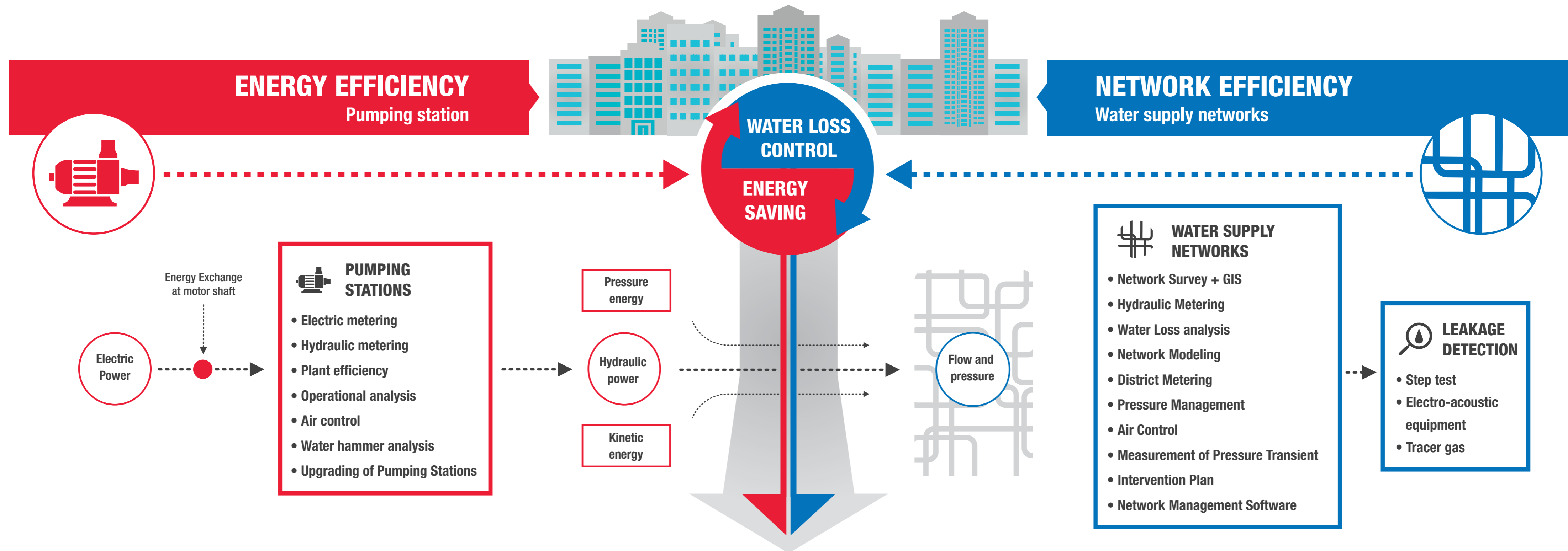
Our mission is to provide a **complete service** for the efficiency of water distribution networks through the application of innovative and **customized solutions**. Our primary focus is the identification and elimination of the main causes of inefficiencies in water networks.

Through the integrated approach that considers both **water loss control** and the **improvement of pumping systems** to achieve **energy saving**, we are able to significantly increase network efficiency and assets duration with very competitive pay back periods.

Our methodology aims to significantly improve the water supply **network performance**. As an added value, we provide custom protocols for the **maintenance** and further improvement of the quality and efficiency achieved.



We approach to every network by addressing the **causes** that increase leakage frequency with the aim of **reducing water loss** permanently. To this purpose we focus on **pressure management**, **air control** and reduction of **pressure transients** with a particular attention to **energy efficiency**.



ECOLOGICAL SAVING

Year	2001	2007	2014
Value	18 TOE*	325 TOE*	1.286 TOE*

*TOE = Tonne of oil equivalent

ECONOMIC SAVING

- +**
 - Asset value
 - Asset duration
 - Management efficiency
- - Electricity cost
 - Operation and maintenance cost
 - Litigations

WATER SAVING

- More water available
- Sustainable use of water
- Better adaptation to drought and climate change

HITACHI

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