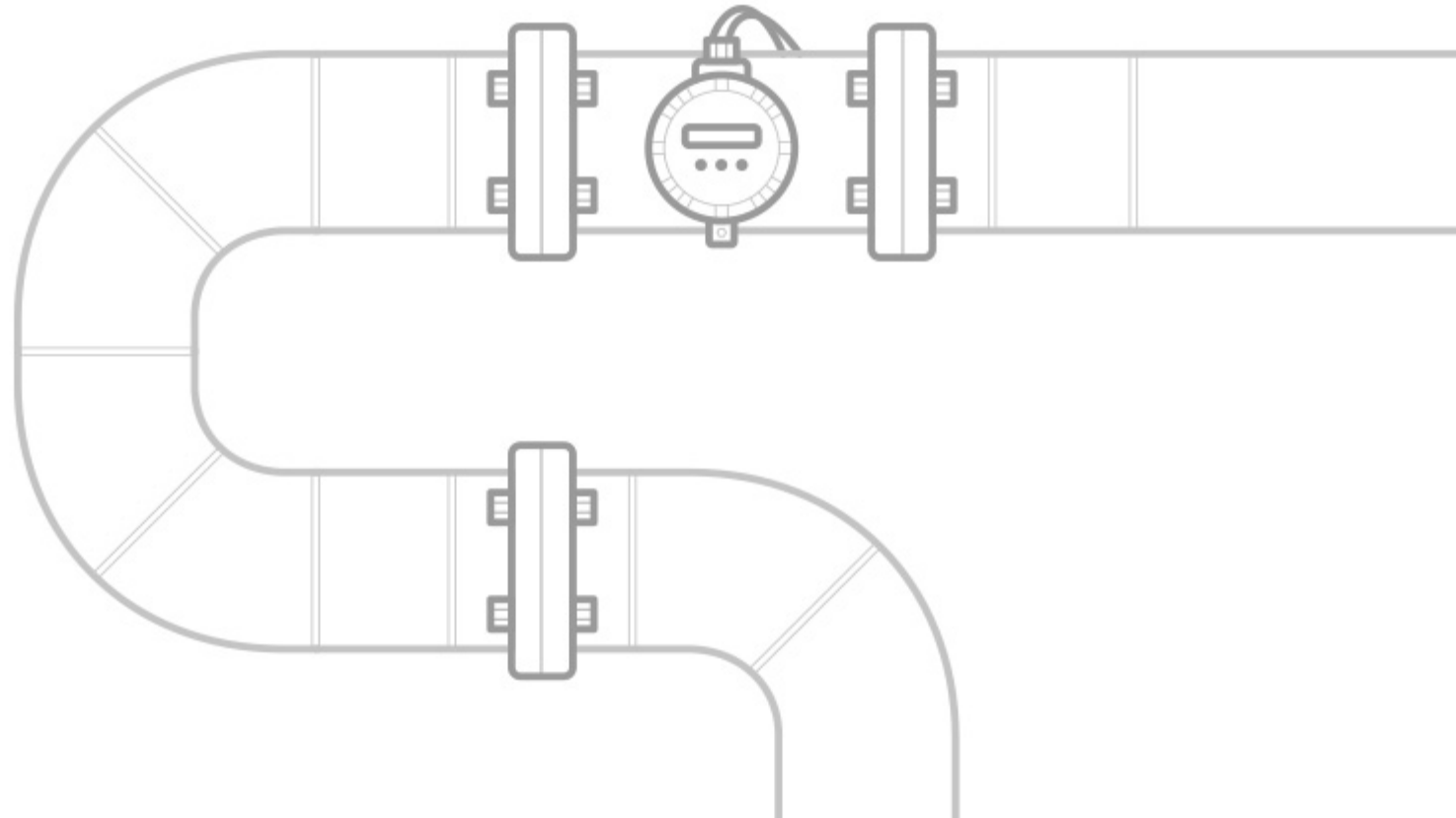


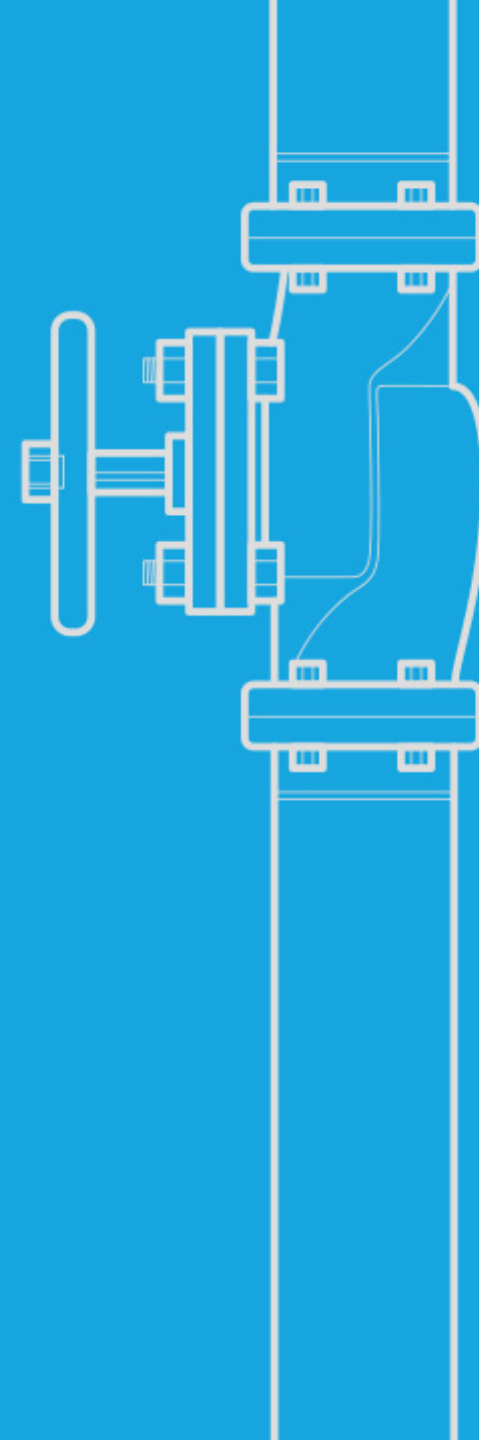


SmartFlow

Water losses
monitor



CHALLENGES

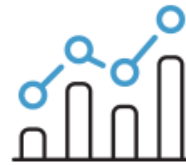


STABLE WATER SUPPLY MANAGEMENT



ECOLOGY

PREVENTING
HYDROLOGICAL DROUGHT



EFFICIENCY

FASTER REACTION TIME
TO DAMAGES

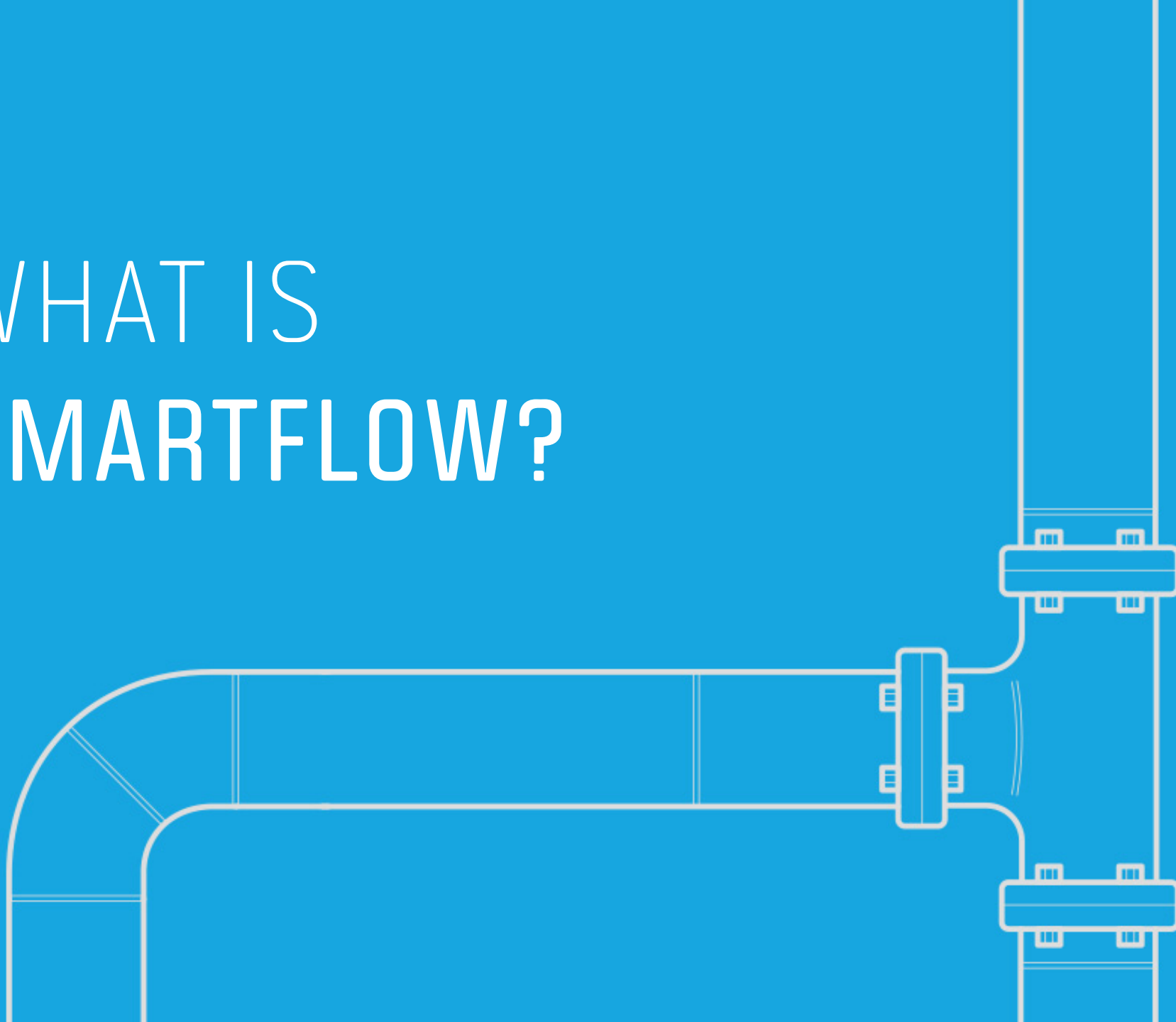


COST-EFFECTIVENESS

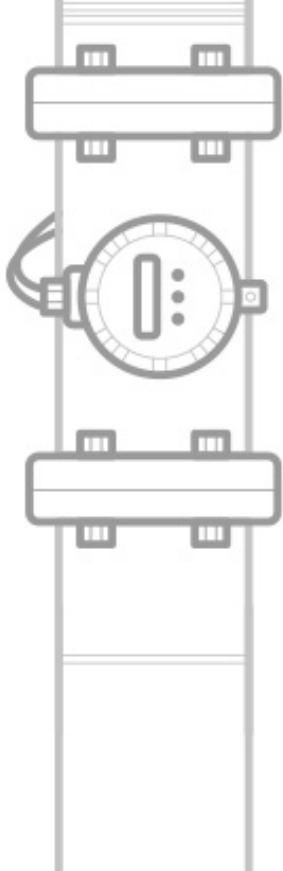
MINIMISING WATER AND
ENERGY LOSSES



WHAT IS SMARTFLOW?



HOW SMARTFLOW WORKS?



ANALYSES

the data sent by the sensor



VISUALISES

the data regarding the network
on the map



ALARMS

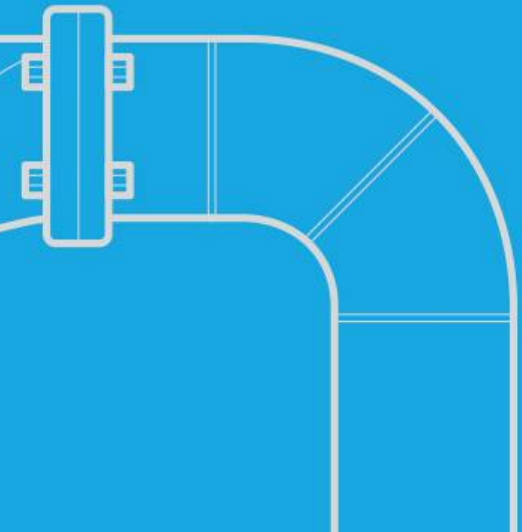
about all anomalies
in the water supply
system and about
the so-called
„hidden leaks”

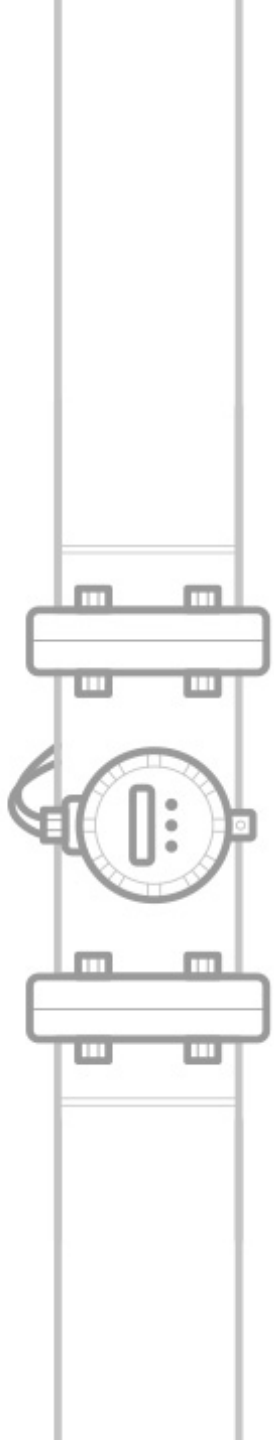


SMARTFLOW'S CAPABILITIES

- ▶ THE DATA ON THE STATE OF THE WATER SUPPLY SYSTEM IS GATHERED IN ONE SYSTEM
- ▶ FASTER REACTION TIME TO ANOMALIES WITHIN THE WATER SUPPLY SYSTEM
- ▶ INTELLIGENT AND ECOLOGICAL MANAGEMENT OF WATER SUPPLIES
- ▶ AUTOMATIC ANALYSIS, WITH A POSSIBILITY OF REAL-TIME DATA PROCESSING
- ▶ BETTER MANAGEMENT OF WATER SUPPLY SYSTEM
- ▶ ADAPTING THE METHODS OF DIAGNOSIS AND ANALYSIS TO SUIT CLIENT'S NEEDS

OUR COMPREHENSIVE OFFER





WE CAN CARRY OUT AN AUDIT OF
THE ENTERPRISE, IN PARTICULAR:

- ▶ OF IT SYSTEMS
- ▶ OF THE INFRASTRUCTURE - ITS SPECIFICS AND METERING USED
- ▶ OF BUISNESS PROCESSES AND ENTERPRISE'S NEEDS

WE ORGANISE WORKSHOPS TO GET TO KNOW
THE ENTERPRISE AND ITS NEEDS.

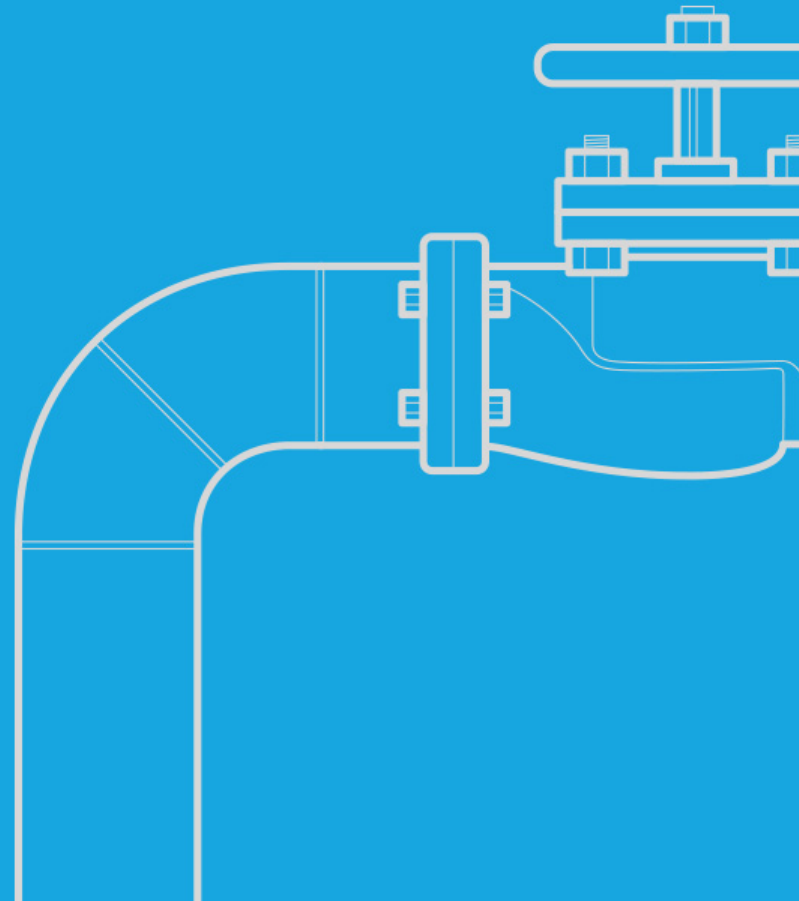


WE DRAW UP AN OFFER FOR
IMPLEMENTING A PERSONALISED
SMARTFLOW SOLUTION

- ▶ SUITING IT TO THE EXISTING INFRASTRUCTURE AND IT SYSTEMS
- ▶ SUITING IT TO THE NEEDS AND PROCESSES OF THE ENTERPRISE
- ▶ ADAPTING IT TO THE MEASURED PARAMETERS
- ▶ RECOMMENDING IMPROVEMENTS TO YOUR PROCESSES

WE OFFER TECHNICAL SUPPORT AND WARRANTY SERVICE.

CASE STUDY



IMPLEMENTATION OF SMARTFLOW AT MPWiK WROCŁAW



MPWiK Wrocław is the municipal water supplier for the Wrocław agglomeration. It is in the top 5 biggest water supply enterprises in Poland.

IMPLEMENTATION OF SMARTFLOW AT MPWiK WROCŁAW IN NUMBERS

500 MLN

LITRES OF WATER
SAVED

9%

REDUCTION IN
WATER LOSS

72H

MAXIMUM TIME TO
LOCATE AND FIX
FAILURES

80%

OF WROCŁAW'S AREA
MONITORED BY SMARTFLOW

IMPLEMENTATION OF SMARTFLOW AT MPWiK WROCŁAW

City area was divided into **DMAs (District Meter Areas)** – allocated, metered fragments of waterworks. Wireless sensors are being introduced in the city.

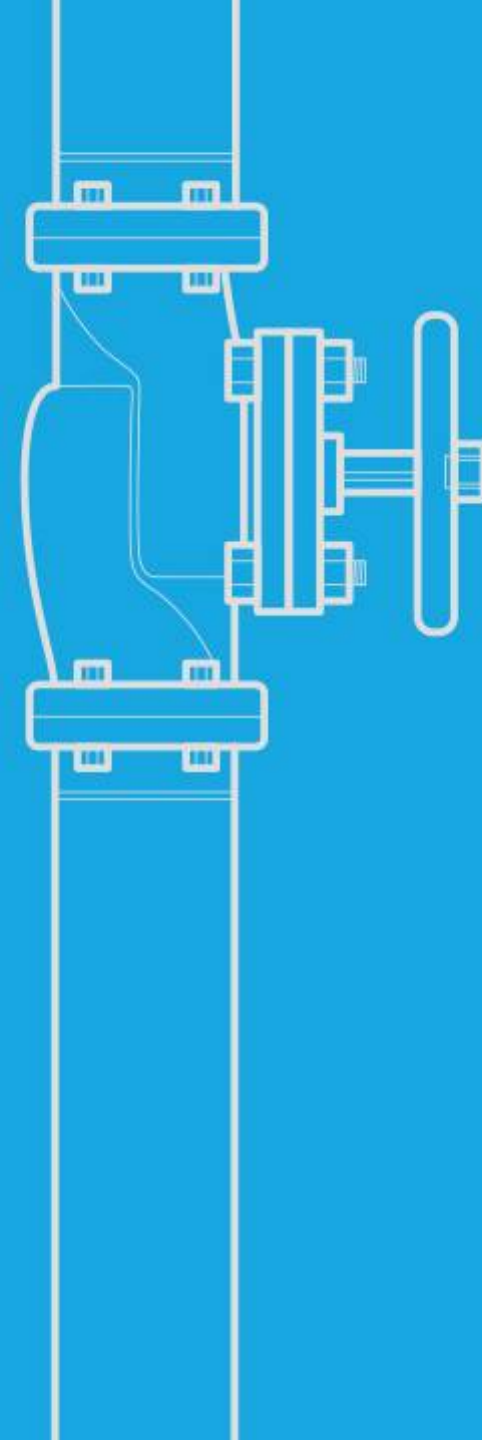
DMAs are being balanced with IWA's methodology, based on the data gathered from zonal flowmeters.

DIAGNOSIS METHOD

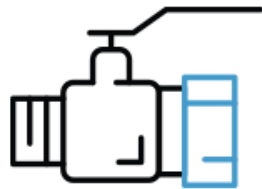
IWA (International Water Association) is an international organisation that introduces **standards and good practices** in sustainable water management. It provides benchmarks that allow to evaluate **waterworks condition** and **water losses** in waterworks.



OTHER APPLICATIONS



SMARTFLOW IS A SOLUTION THAT CAN BE
IMPLEMENTED IN MANY BUISNESSES,
SUCH AS:



WATERWORKS
INFRASTRUCTURE



ELECTRICAL POWER &
HEATING STATIONS



GASWORKS

THANK YOU FOR YOUR ATTENTION

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