

DIGITAL TRANSFORMATION ENABLING RESILIENT AND SUSTAINABLE URBAN DEVELOPMENT

PRANIT DESHMUKH
SHIJAY PROJECTS INDIA PVT LTD





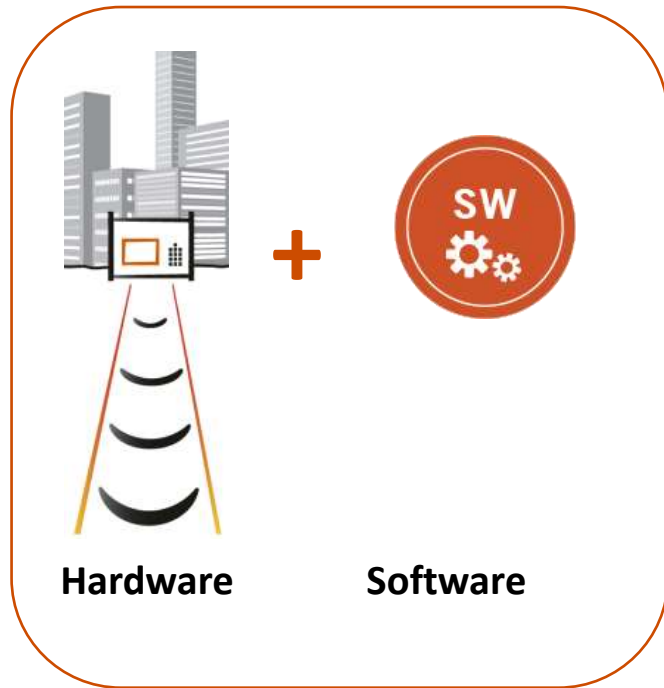
SHIJAY PROJECTS INDIA PVT LTD

SURVEYS TO PLAN YOUR NEXT OBJECTIVE WITH ABSOLUTE PRECISION.



An ISO 9001: 2015 Company

INDUSTRIES WE SERVE





OEMS/PRINCIPALS



R Sensor, Russia



Lambrecht, Germany



EMLID, Hungary



FAST, GmbH



Raspberry Shake, Panama



Geodevice, Canada



TDG, Turkey

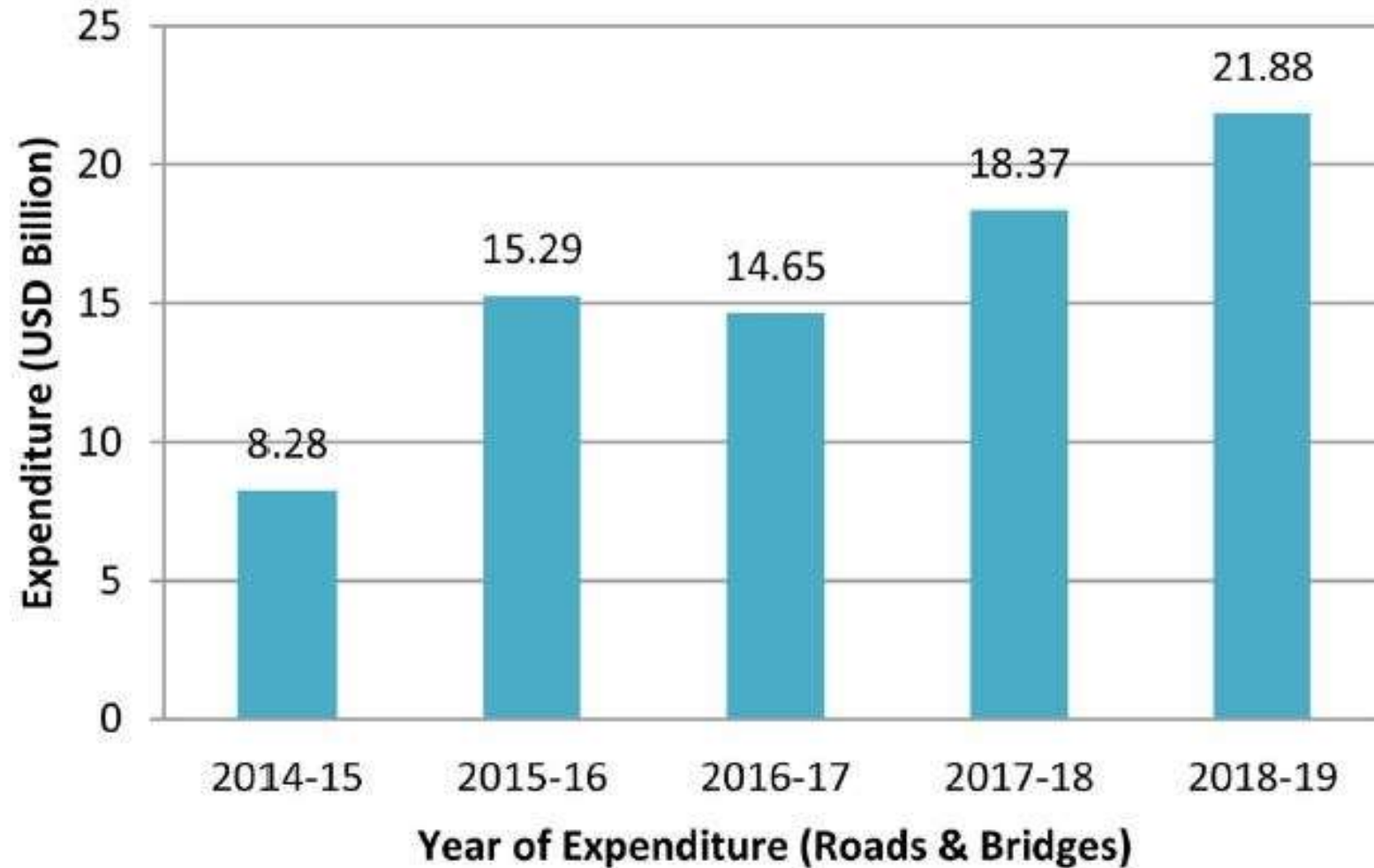


Geotech, Russia



POSITIVE PROJECTIONS

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BALANCING GROWTH AND SUSTAINABILITY



MISSING OR SKIPPED PIECE OF THE PUZZLE?

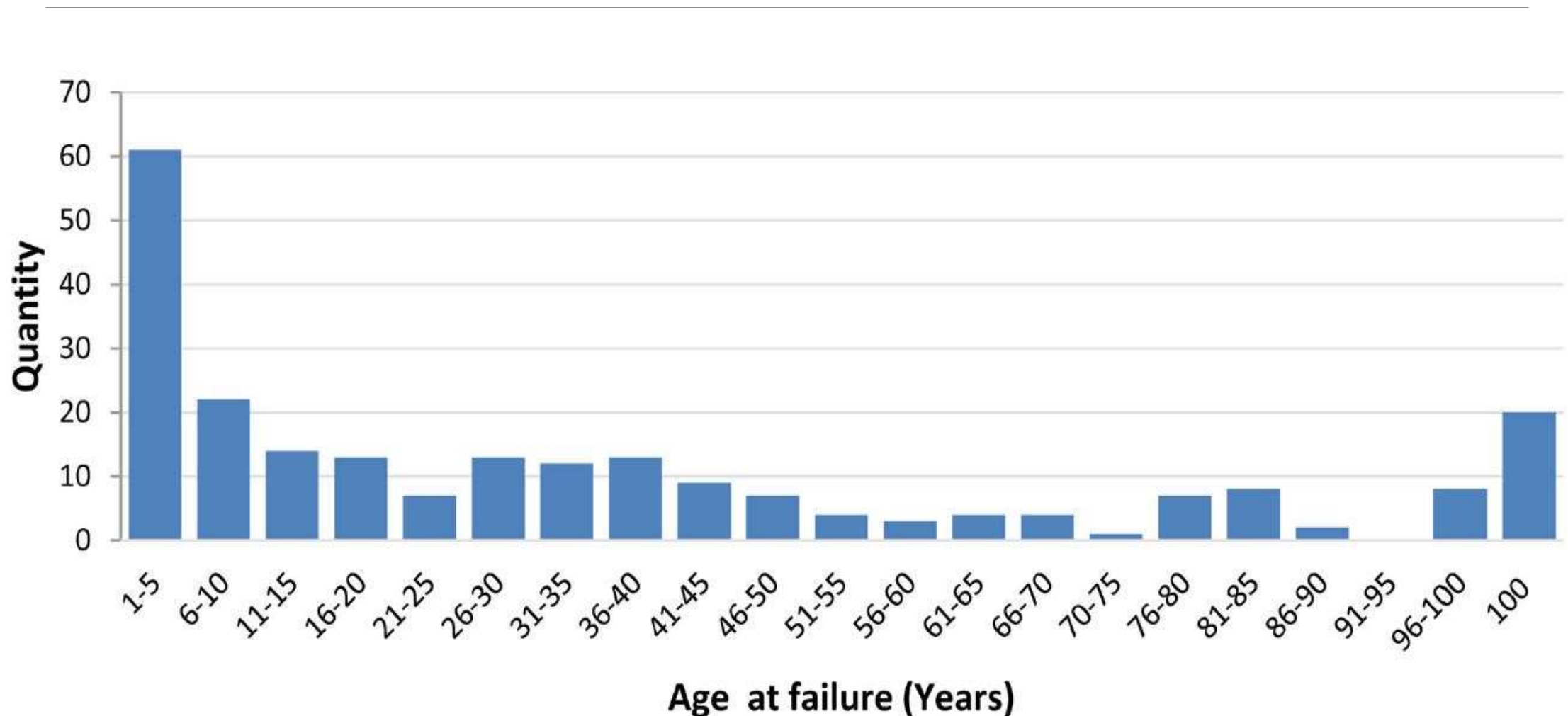


Figure 15. Number of bridges failed at different age groups.



STRUCTURAL HEALTH MONITORING



**STRUCTURAL
HEALTH
MONITORING**

NON REVENUE WATER



GURGAON: Ahead of summer, complaints of leakage in water pipelines are pouring in from across the city. In

Even at a time when the Brihanmumbai Municipal Corporation (BMC) imposed 10 per cent water cut across the city, the civic body has failed to check Non-Revenue Water (NRW) which accounts to 27 per cent of total water supply. Non-revenue water includes leakages, unauthorised connections and error in metering.

For six long months, water has been leaking from the main transmission water pipeline originating from Thorekadanahalli (TK Halli) to the city.

and drains. In addition, pipeline leaks not only taint water but also result in considerable wastage, ultimately affecting the city's water supply. Identifying critical points where pipelines intersect with sewers or drains, as well as addressing leaks and illegal connections, is the responsibility of the Lucknow Municipal Corporation and Jal

TRADITIONAL TECHNOLOGY



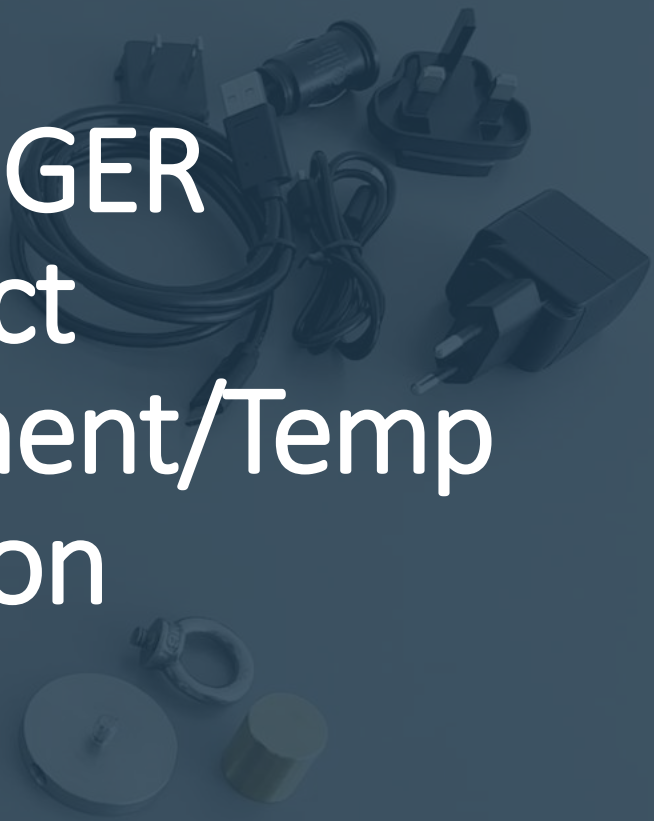
Acoustic Water Leakage Detection

- Precise method
- Manual Process
- Time Consuming



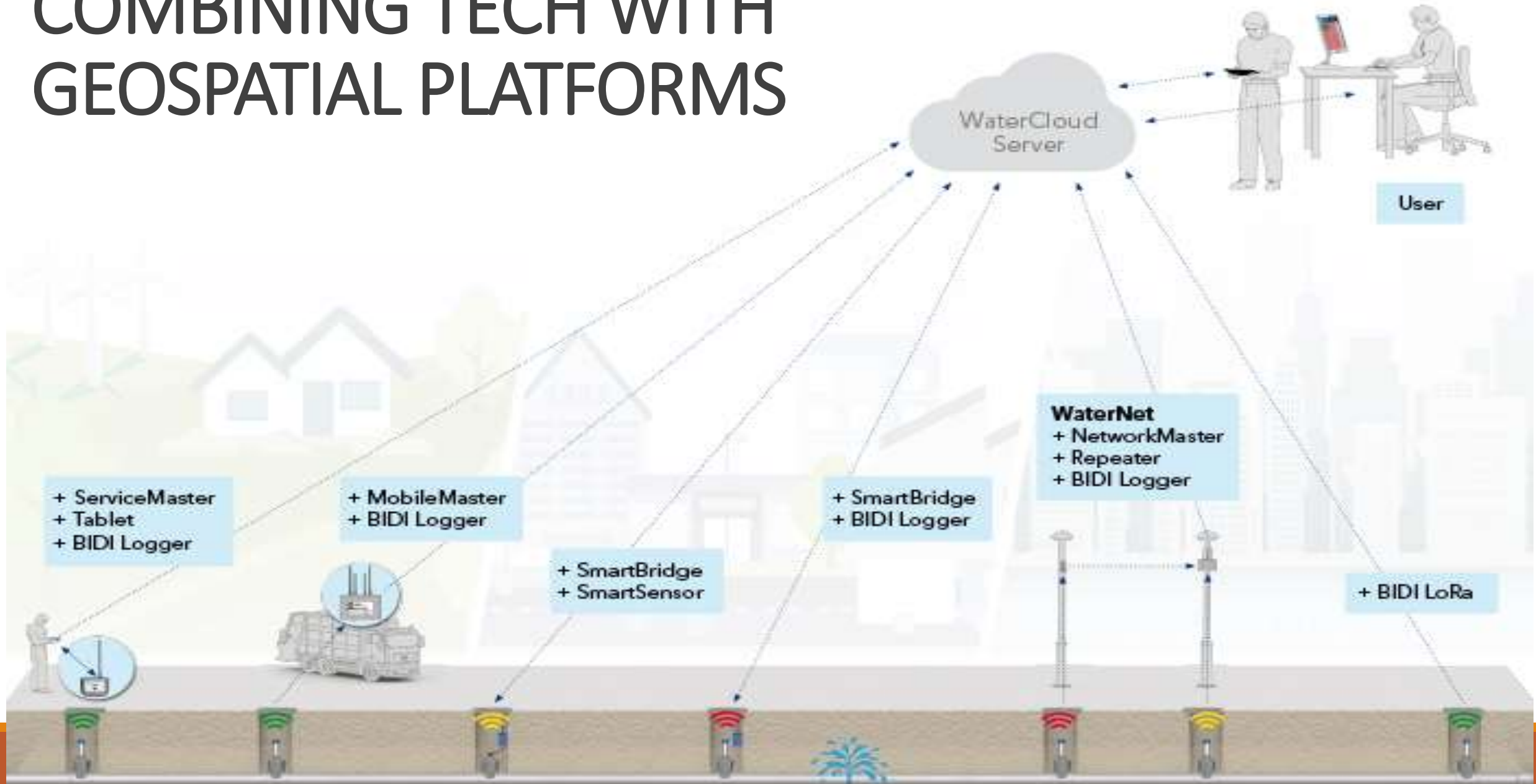


- BIDI LOGGER
 - Compact
 - Permanent/Temp Installation





COMBINING TECH WITH GEOSPATIAL PLATFORMS





FAST
GROUPE CLAIRE

WATERCLOUD

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Logger map

Logger Table

AZ Receiver

Programs

FAQs

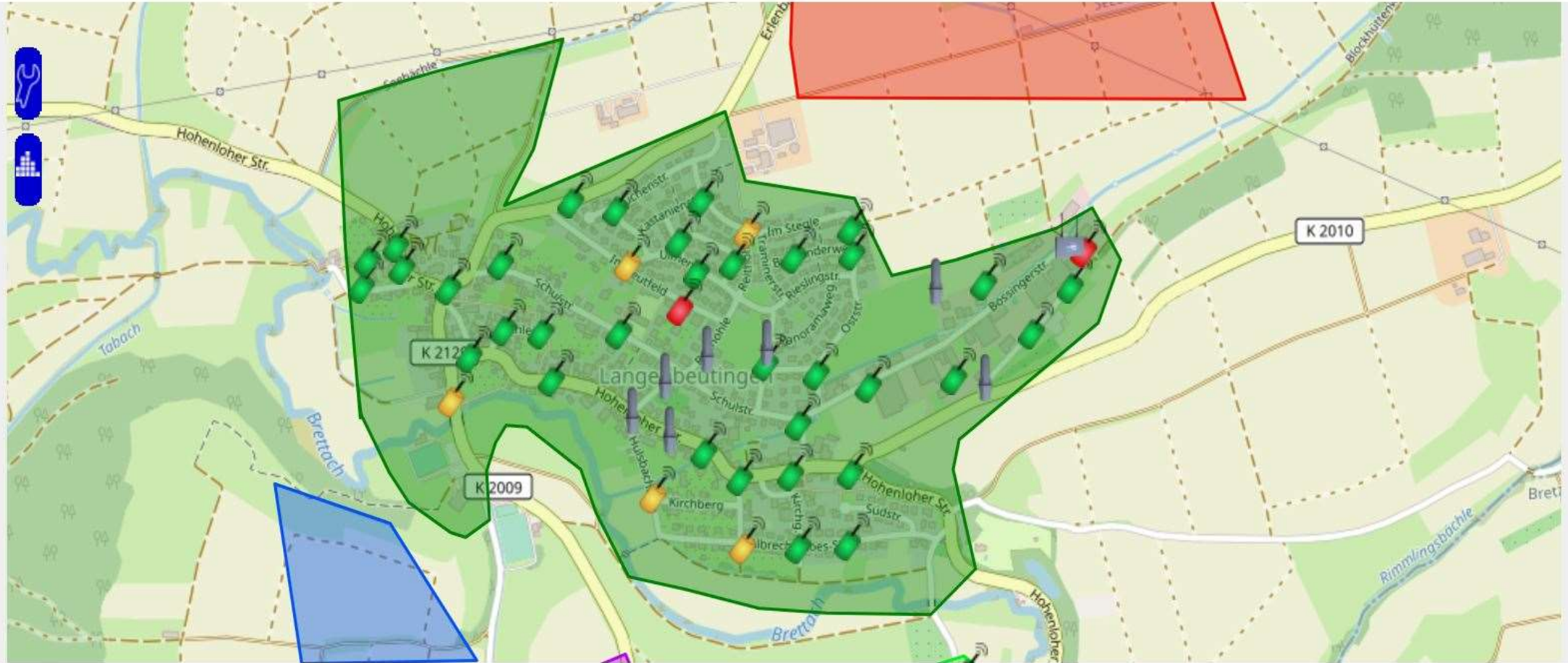
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English

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Hi DemoUser,

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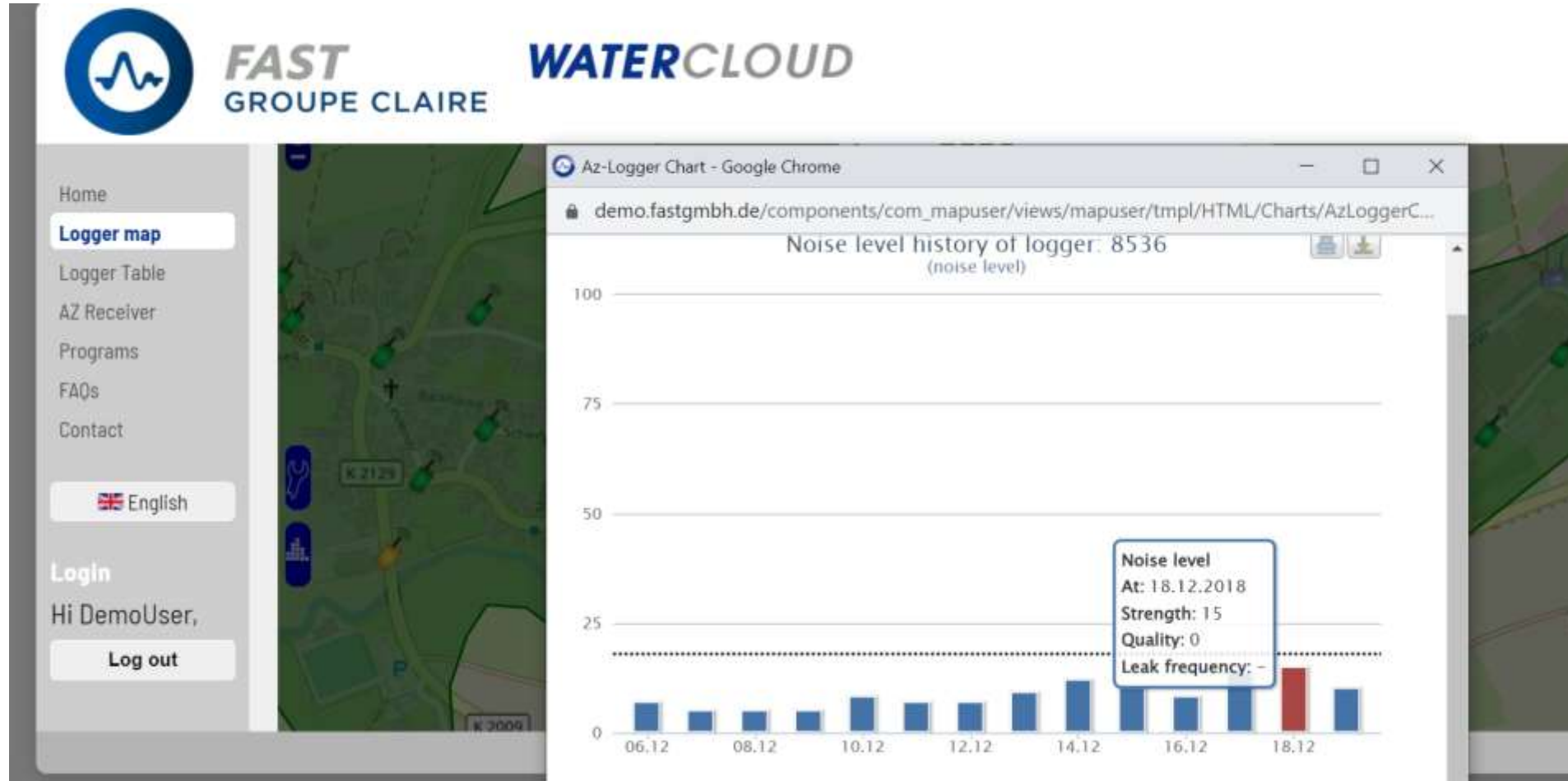
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COMBINING TECH WITH GEOSPATIAL PLATFORMS



ADVANCEMENT IN GPR TECHNOLOGY



- ODOMETER IN BOTH WHEELS FOR MORE PRECISE GUIDANCE
- INTEGRATED GPS AND CAMERA FOR BETTER DATA QUALITY
- DUAL FREQUENCY ANTENNA FOR ENHANCED DATA QUALITY



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