Extracting data from wastewater and optimizing network management for a stable flow of life

Global Need:
- Low quality of wastewater
- Lack of wastewater network data
- High operational and capital costs
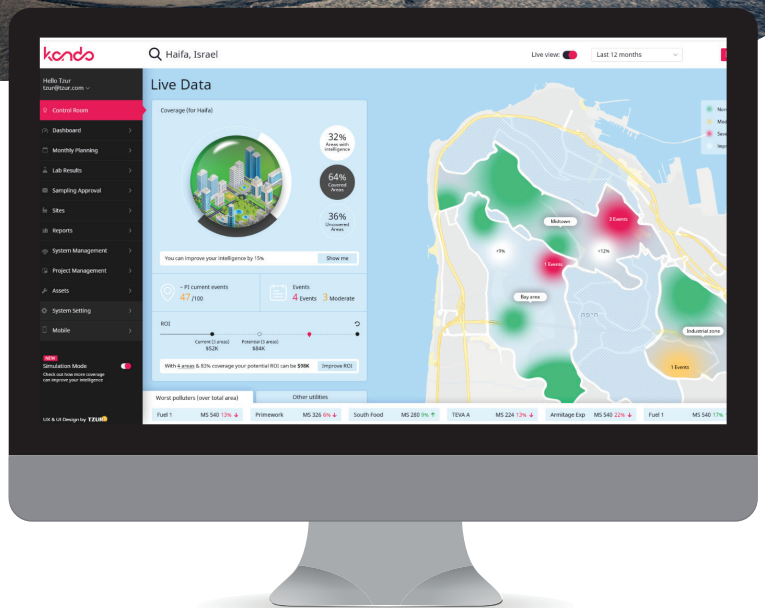- Vulnerable environment and communities

Clear Upstream Solution

Collecting data → Analyzing data → Providing actionable insights

30 clients worldwide

12,445 early warning notifications

Over 6M hours of data collection

15 M people influenced

Added Value

50% Reduction of discharges events

10% Reduction of WWTP and network costs

Zero wastewater spills

24/7/365 intelligence

Case Study: Jerusalem Water Utility

Goals:
Reduce wastewater loads for optimizing the construction of a wastewater treatment plant (WWTP)

Challenges:
The WWTP suffered upsets from unknown sources

Achievements:
- Real time transparency of the wastewater network
- **$10M** US worth of unpermitted discharge events were detected
- The construction of a modern WWTP was optimized
- **$4.6M** US worth of savings as a result of **50%** reductions in discharge events within two years

HAGIHON COMPANY
Jerusalem Region Water & Wastewater Utility