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FINNISH WATER SAFETY MODEL

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VESIOTEC OY

- › Software company specialized in risk management
- › Established in 2013, based in Helsinki, Finland
- › Current main product a web-based risk management solution for water utilities and energy sector
- › Risk management solution implemented nationally in Finland, national implementation ongoing in Vietnam, projects starting in several other countries

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FINNISH WATER SAFETY MODEL PRINCIPLES

1. Coverage of Water Safety Plan (WSP) and Sanitation Safety Plan (SSP), based on WHO recommendations
2. Accessible and easy to use for water utilities, regulators and authorities
3. Secure cloud implementation with role-based usage (water companies, local health authorities, consultants, national regulators)
4. Nationwide systematic approach for risk identification and control, action plan management and control monitoring
5. Centrally managed risk database, risk information and recommended controls always available to water companies and updated by the central health authorities
6. Individual utility and regional benchmarking and status information for central authorities

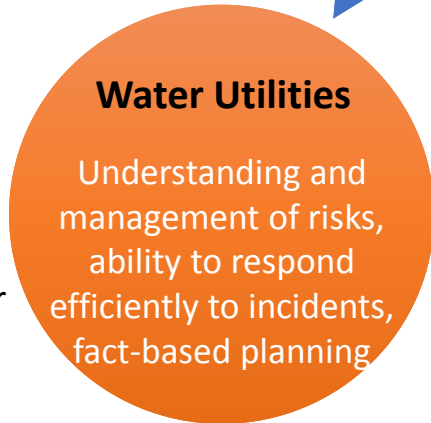
PROVEN SOLUTION FOR WATER SAFETY PLANNING, INCIDENT MANAGEMENT AND INVESTMENT PRIORITIZATION

Input:

- Evaluated risks and risk statuses
- Ongoing actions for implementing risk management
- Corrective actions and future investments
- Performance and sensor information
- Incident information and results

Receive:

- Latest changes on health regulations
- Best practice recommendations for controlling risks
- Early warnings on external issues



Input:

- Information on local rules and regulations
- Pollutant information
- Incident data

Receive:

- Reports and audit information on risks and their controls
- Incident information and response details
- Water facility performance reports

Input:

- New regulations
- Best practice methods for risk control

Receive:

- National status reports
- Incidents and trends
- National and regional benchmarking



BENEFITS

- › Improved water quality and service for customers, cleaner environment
- › Integrated approach links all actors into one national system
- › High availability of key information for all parties
- › Nationwide water quality information and early warning on heightened risks
- › Standardized context and high reliability of data
- › Better capacity to respond to incidents
- › Improved enforcement of regulation standards
- › Enables nationwide prioritization of investments into maintaining and improving water quality





THANK YOU!

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