

## Novolyze Environmental Monitoring

# Unlock the value of your Environmental Monitoring Program and always make data-informed decisions

The Novolyze Environmental Monitoring solution is designed to help digitalize all your Environmental Monitoring programs including pathogen monitoring, hygiene monitoring, allergen management and others, all in one place.

### How are you ensuring the effectiveness of the cleaning and sanitation in your facilities?

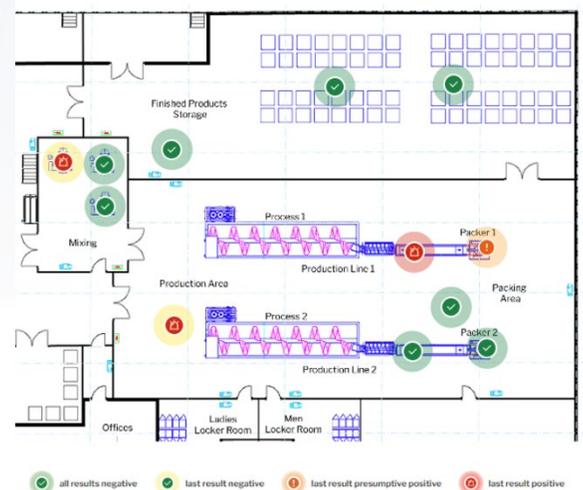
Environmental Monitoring (EM) for Food & Beverage plants is used to assess how effectively your plant is being cleaned. This activity generates a large amount of data coming from various sources, including manual entries that are time consuming and prone to errors, excel files, internal or 3rd party lab results, etc. The heterogeneity of your data makes it difficult to consolidate everything into one single source of truth and often requires additional manual work to make an informed decision, to analyze and compare results from different time periods or between your sites and to implement an effective CAPA management. How can you unlock the true value from your EM data? The answer is digitalization of your environmental monitoring data to turn it into actionable insight.

### It's time for a new approach

Novolyze Environmental Monitoring solution digitalizes your Environmental Monitoring process from sample collection planning to result analysis and CAPA management. All your EM results are observable from the plant layout, uncovering potential contamination hazards and blind spots. Your organization can easily measure the performance of its cleaning and sanitation programs against objectives, track and investigate deviations faster, limiting plant downtimes, and compare results in time and between plants to learn from past events or identify best practices.

### Benefits

- Manage sample data in one place
- Detect deviations and remediate faster
- Automated re-swabbing and investigation swabs
- Assess the effectiveness of cleaning and sanitation procedures
- Increase traceability and audit-readiness
- Automatic corrective actions and follow-up
- Reduce paper-driven processes



## Key Features



### Data Visualization

Digital plant layouts simplify trend detection for better insights. Interactive maps show sample statuses across risks, while dynamic heatmaps highlight trends over time, guiding analysis and actions.



### KPI Management & Dashboards

Define and track KPIs with filters for zones, tests, and equipment. Custom dashboards centralize and optimize monitoring visualization.



### CAPA Management

Automated tickets ensure proper deviation handling with traceable results. Filter by priority, due date, or owner for CAPA management. Action templates offer flexible issue resolution.



### Scheduling & Analytics

Sampling design and randomization enable automated scheduling. Interactive calendars centralize data for efficient management, while direct links verify sample collection and legitimacy.



### Automated Follow-up and Investigation Sampling

Automated triggers schedule follow-up swabbing with due dates to ensure compliance. Additional samples link to the original result in a timeline and map.

## Novolyze Solutions

Novolyze offers comprehensive solutions for Process Control, Sanitation Control, and Value Assessment



### Process Control

Comprehensive compliance solutions integrate validation, verification, and monitoring.



### Value Assessment

Science-backed analysis showcases digitalization's impact on food safety and quality.



### Sanitation Control

A digital-first approach to enhancing cleaning and sanitation with exclusive solutions.

## About Novolyze

Founded in 2012, Novolyze empowers food and beverage companies to enhance food safety and quality performance through digitalization. The company was created with the ambition to invent a novel way to envision food safety and quality, which relies less on finished product testing and leads to superior positive impacts in environmental sustainability, yield, and production.

More than 20 of the world's top 100 food companies use a Novolyze solution or product to help mitigate risks, ensure compliance, augment plant performance, and increase sustainability.

Are you ready to find out more?

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