

This Makes Us Different

30 years of Industry Experience Worldwide

Incorporated in 1991, Aellia is focused to support customers in their environmental objectives.

Corporate Emission and Pipeline Integrity platforms

Dedicated extensive services around environmental services and pipeline management.

More than 9.000 emission reduction projects executed

Our global experience enables us to benchmark and identify best practices as well as areas for improvement.

Innovative Technologies and Solutions

State of the art software platforms SFEMP and PRIMS for lean work processing and applying new technologies.

Reliable and accredited processes and methodologies

Aellia is a certified and laboratory accredited organization with ISO 9001, 14001 and SCC and ISO 17025 612-TEST Belac.

Passionate and dedicated team of experts

Well trained and qualified specialists, listening to the customer and applying best available techniques.



Aellia is a partner in environmental emission intelligence for asset intensive industries. We combine precise, real-world emissions measurement with deep regulatory and operational expertise to turn field data into decision ready insight. By supporting organisations across diverse regulatory and operational contexts, we enable confident action and continuous improvement in an increasingly complex environmental landscape.

Our Approach



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PIPELINE MANAGEMENT

Pipeline Management

- Effective field surveys
- Best available measurement technologies
- Complete PIMS software solution
- Avoid accidents
- Ensure safe, continuous operation
- Minimize pipeline corrosion
- Maintain the integrity of your installations
- Avoid fire hazards

Pipeline Surveys & Services

Cathodic Protection & Coating Surveys

Protect your pipeline network, minimize risks and track your cathodic protection system with software. We provide a full spectrum of Cathodic Protection and coating surveys, which you can manage in our PIMS software PRIMS.

Pipeline Leak Detection

Detect leaks early and increase your pipeline network’s safety with our leak detection services on foot, by car, from the air, with our own sniffing dogs, or with other innovative solutions.

Pipeline Localization & Inspection

Obtain optimized XYZ pipeline data with our pipeline localization service and ensure adequate Depth of Cover assessments. Visualize your assets digitally in a geographical context with Pipeline Information Management System PRIMS.

Third Party Activities & Interferences

Our inspectors supervise third party activities to avoid service interruptions and damage during third party works. With the PRIMS mobile app, our team efficiently monitors activities and reports progress and statuses in the field. You always work with up-to-date data.

Leak Detection with Sniffing Dogs

Detect pipeline leaks fast, accurately and efficiently with our sniffing dogs. Our dogs are trained to detect gas and oil leaks as well as illegal taps and have proven their capabilities many times before.

Ultrasonic In-line Inspections (ILI-UT)

Have your (un)piggable pipelines inspected by our Inspection service line. Our Piglet gives valuable insight in unpiggable pipelines ranging from 2” to 64” and located from subsea offshore to remote areas.

Innovation

We keep a close eye on emerging technologies to maintain pipeline integrity. Currently, we offer an in-house developed Pipeline Information Management System called PRIMS. To quantify methane emissions on buried infrastructure, we developed our own High Flow Samplers.



Complete Pipeline Management

Condition Assessments & Risk Assessments

Fitness-For-Purpose Assessments (FFP)

With the Pipeline Risk & Integrity Management Solution PRIMS, our team reviews inspection results, detected anomalies, metal loss, and dents. All this information is collected in an FFP report so you comply with regulations.

Remaining Life Assessments (RLA)

After performing Corrosion Growth Analyses, our PRIMS software tool highlights any areas with high Corrosion Growth Rates. This provides a reliable basis for remaining life assessments. It gives you insight in the pipeline’s maintenance and repair needs, and plan future investments.

Risk Method Modelling

Understand how and why risks vary along the pipeline and over time with our Risk Assessment Module in PRIMS. We use the W. Kent Muhlbauer method but custom variants are possible.

Corrosion Growth Analysis (CGA)

Estimating a realistic Corrosion Growth Rate (CGR) can be challenging. Our ILI inspections help you understand the degradation rates. PRIMS allows to distribute corrosion rates in a reliable way and highlights areas with high CGR.



Pipeline Lifecycle Assessments (LCA)

Based on FFP and RLA, the Lifecycle Assessment offers economic modelling of strategies to repair, replace or invest in your assets. Our report includes recommendations for the optimal repair/replace strategy based on existing and projected factors.

Regulatory Compliance Check

Gain valuable insight in your compliance with regulations with our Regulatory Compliance Check in PRIMS. We review regulations and standards, and we compare practices to regulations. The end result is a gap analysis report.



Pipeline Integrity Management

Pipeline Risk & Integrity Management Solution (PRIMS)

Manage all pipeline data from different sources in one platform with our Pipeline Risk & Integrity Management Solution PRIMS. PRIMS is a cloud-based software platform that visualizes your data in a geographical context. Track risks, compliance, and manage pipeline integrity.

Depth of Cover Assessments

Let our PRIMS software identify and help resolve your depth of cover issues. Growing availability of LIDAR data combined with optimized XYZ data can help you ensure adequate DoC.

Training for Pipeline Integrity

We provide user training for our software platform PRIMS and other training to keep your professionals up-to-date about the latest development in pipeline integrity.

XYZ Localization

Our team visualizes your pipeline route from whatever combination of information is available using our software platform PRIMS. Highly accurate IMU’s allow to obtain realistic data from ILI runs. This can be combined with additional data from satellite imagery to partial drawings.

Right of Way Management

All your ROW data can be incorporated in PRIMS and easily be represented on maps, tables and reports.