

# 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.



PIPELINE MANAGEMENT

# Our Approach



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# PRIMS Pipeline Risk & Integrity Management Solution

Cloud-based software application for pipeline integrity, efficiency, safety, and regulatory compliance



## Introduction

PRIMS is a complete cloud-based Pipeline Information Management System that supports your risk and integrity management needs. It visualizes the condition of your pipelines in a geographical context and is therefore the digital twin of your network in the field.

With PRIMS, you can monitor, analyze and predict events based on data collected from different field surveys, third party activities, risk assessments, and condition assessments, all from one platform.

Comply with regulatory requirements, control risks, protect the environment, and ensure safety.

## Benefits of PRIMS

- Improve data consistency in case of changes to your pipelines by using one system that visualizes your assets in the field in a geographical context.
- Consult factual information about the condition and potential risks of your pipelines by importing data from different risk assessments and condition analyses into PRIMS.
- Improve communication between your stakeholders by working in one cloud-based software application.

## Condition Assessments

### Fitness-For-Purpose Assessments (FFP)

Review inspection results, detect anomalies, metal loss, and dents with our FFP Assessment module in PRIMS. All this information is collected in an FFP report so you comply with regulations. Your in-house specialists can perform these assessments or our team can support you.

### Corrosion Growth Analysis (CGA)

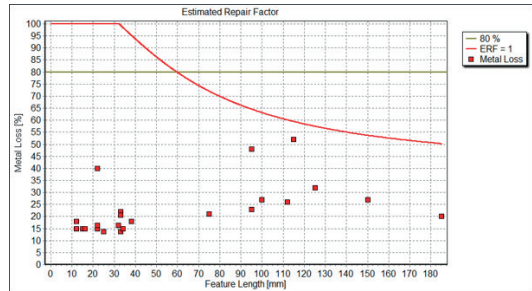
Estimating a realistic Corrosion Growth Rate (CGR) can be challenging. Our CGA analysis of ILI data help you understand the degradation rates. PRIMS allows to determine corrosion rates in a reliable way and highlights areas with high Corrosion Growth Rates.

### Remaining Life Assessments (RLA)

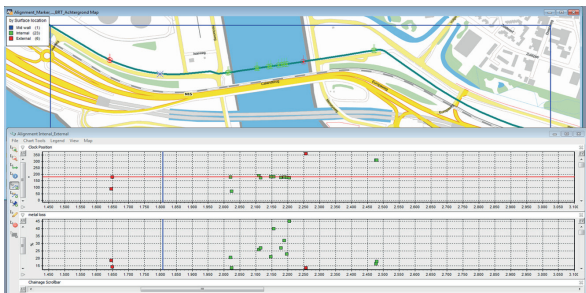
After performing Corrosion Growth Analyses, PRIMS highlights any areas with high Corrosion Growth Rates. This provides a reliable basis for Remaining Life Assessments. It gives you insight in the pipeline's maintenance and repair needs, and investment planning.

### Pipeline Lifecycle Assessments (LCA)

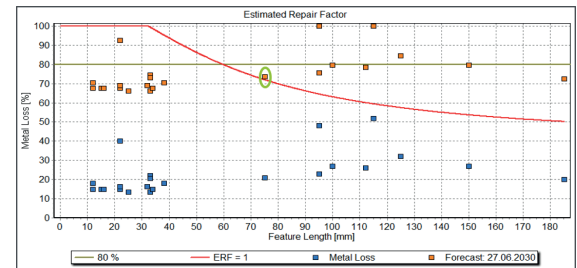
Based on FFP and RLA, the Lifecycle Assessment in PRIMS allows you to take well-considered decisions to repair, replace, or invest in your assets. Our report includes recommendations for the optimal repair/replace strategy based on existing and projected factors.



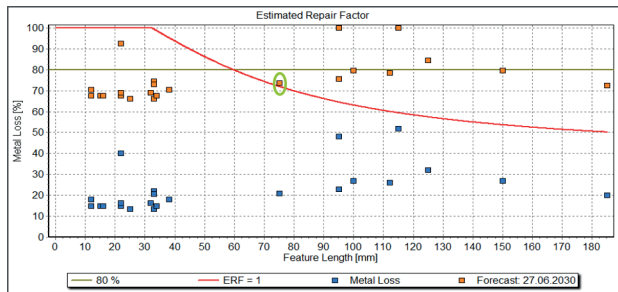
Fitness For Purpose Assessment – Estimated Repair



Corrosion Growth Analysis



RLA – Number of critical anomalies per year



RLA – Projected Estimated Repair Factor



## Third Party Activity Management

Import data from KLIM/KLIP, KLIC/WION, one call systems and others in PRIMS for easy access and follow up of third party activities.

With the PRIMS mobile app, our team efficiently monitors third party activities and reports progress and statuses in the field so you always work with up-to-date data.

## Service range using PRIMS

### XYZ Localization

We visualize your pipeline route in a geographical context by combining your available information in PRIMS. Highly accurate sensors allow you to obtain realistic data from ILI runs. This can be combined with additional data from satellite imagery to partial drawings.

### Cathodic Protection Analysis

Track and document the status and function of your cathodic protection system with PRIMS. View and analyze trends and highlight any deficiencies. Combine standard CP data effortlessly (in PCA module) with DCVG, ACVG, CIPS and ILI data.

## Risk Assessments

### Risk Assessment

Understand how and why risks vary along the pipeline and over time with our Risk Assessment Module. We use the W. Kent Muhlbauer method. Custom variants are possible as well.

### Right of Way Management

All your Right of Way (RoW) data can be incorporated in PRIMS and easily be represented on maps, tables and reports.

### Depth of Cover Assessments

PRIMS identifies and helps resolve your Depth of Cover issues. Growing availability of LIDAR data combined with optimized XYZ data can help you ensure adequate Depth of Cover.

### 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. At the end, we deliver a gap analysis report.