

Fluid Optimization

Cuts Industrial Emissions

Maximizes Asset Life

Reduces Costs

Fluid Eye® helps industrial companies to get emissions, costs, and machine failures down by optimizing fluid performance. All the needed data, analytics, and services in one place.

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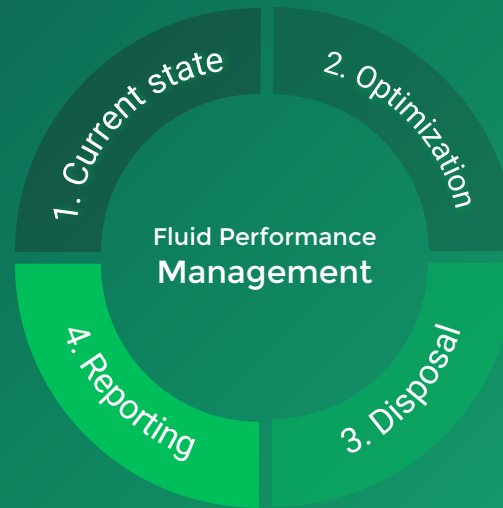
Nearly -80% CO2 emissions reduction has led to clear cost savings with production reliability remaining high

Lauri Repokivi, Supervisor
L&T Recycling Services

Fluid and machine health is tightly connected to industrial emissions and total cost of ownership (TCO) in industrial production and logistics.

Fluid Eye® Industrial Fluid Performance Management and Optimization services help companies to optimize fluids and machines performance, minimize fluid-based CO₂ emissions, and store all relevant data in one place. Ideal for lubricants, fuels, bio- and special fluids.

- ▶ **Minimize Fluid-based CO₂ Emissions**
- ▶ **Maximize Fluid and Machine Asset Life**
- ▶ **Optimize Total-cost-of-ownership (TCO)**




Fluid Eye® Optimization Services

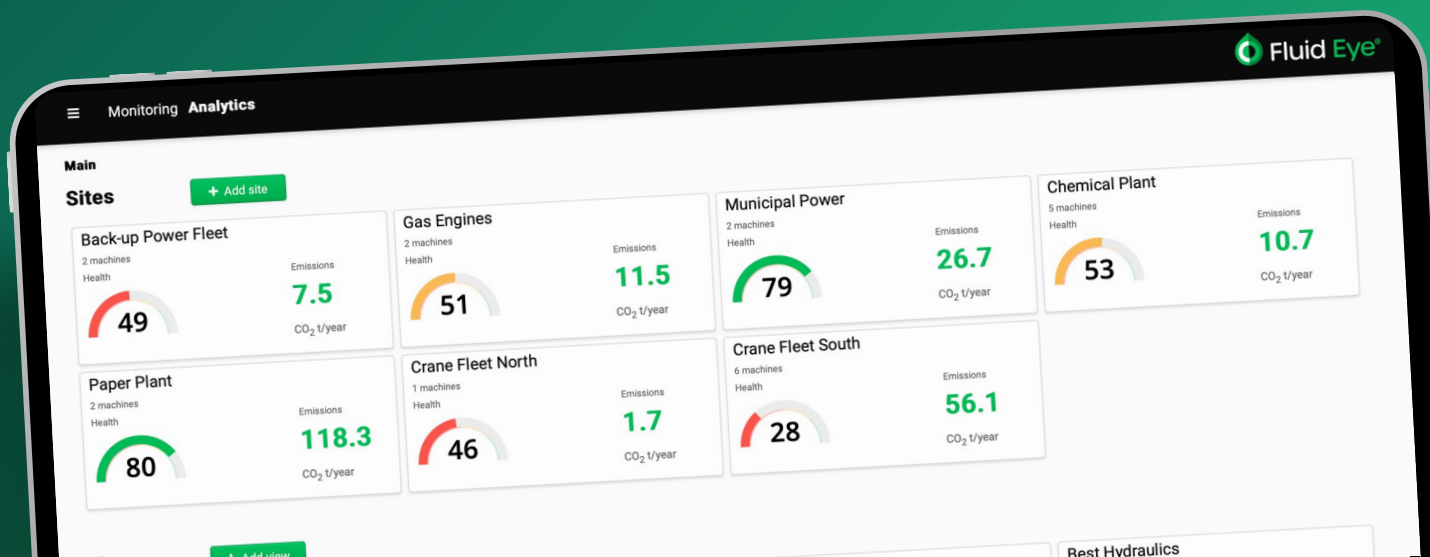
 **Emissions Management**
Simulation, Audits, Reporting

 **Health Management**
Oil Lab & Machine Data, Health Score, Advice

 **Fleet Management**
Site/Fleet Analysis, Benchmarking, Advice

 **Real-time Monitoring**
Oil Condition Monitoring, Quality Assurance

 **Reconditioning & Services**
Impurity Removal, Additives, Lab Analysis



Emissions Management

Industrial decarbonization begins with Fluid Management to minimize waste while maintaining maximum reliability. Fluid Eye® generates data of the factors contributing to CO₂ emissions, how to reduce them, and report results that fulfill compliance requirements.

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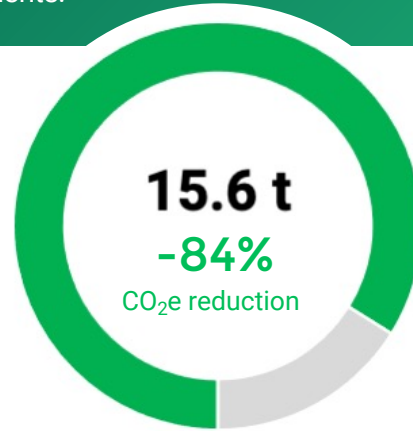
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SIMULATION

enables current CO₂ footprint visualization and easy modeling of carbon reduction scenarios. It visualizes operational variables impacts to Net Zero potential and provides ideas for optimization.

- Oil drain intervals
- Filtration
- Multiple oil formulations
- Oil Waste vs
- Chemical enhancers & additives
- Oil Regeneration

- ✓ See fluid lifetime emissions & Net Zero potential
- ✓ Find best emission optimization strategies
- ✓ Get help to optimize Total Cost of Ownership (TCO)



REPORTING

provides a powerful means to document annual fluid-based emissions and fulfill regulatory requirements. It supports Scopes 1-3 reporting and standard lifecycle analysis models (ISO 14040). Powered by Fluid Data Management the service aggregates emissions data automatically from single unit to enterprise level.

- ✓ Automate CO₂ emissions reporting
- ✓ Comply with reporting standards
- ✓ Analyze from single unit to fleets and enterprise level

LIFECYCLE ANALYSIS

is a fast track to take control of fluid-based emissions and prepare to forthcoming reporting requirements. Expert-led process delivers Lifecycle Analysis including emissions history, outlook, and an optimization plan.

- ✓ Get control of fluid-based emissions
- ✓ Be ready for upcoming reporting needs
- ✓ Get emissions & costs optimization plan

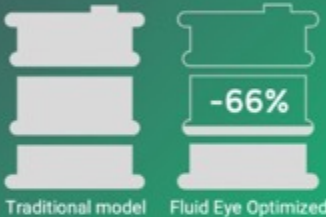
1. Data Collection
2. Emissions Analysis
3. LCA Report



Fluid Intelligence Oy
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Keravan Energia reduced its bio power plant's lubrication and hydraulic fluids' CO2 emissions by 2/3. [...see more](#)


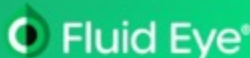
Cut Lubrication Emissions



Traditional model Fluid Eye Optimized

-66%

Keravan Energia reduced its bio power plant's lubrication oil CO2 emissions by 2/3 with Fluid Intelligence. Read how.

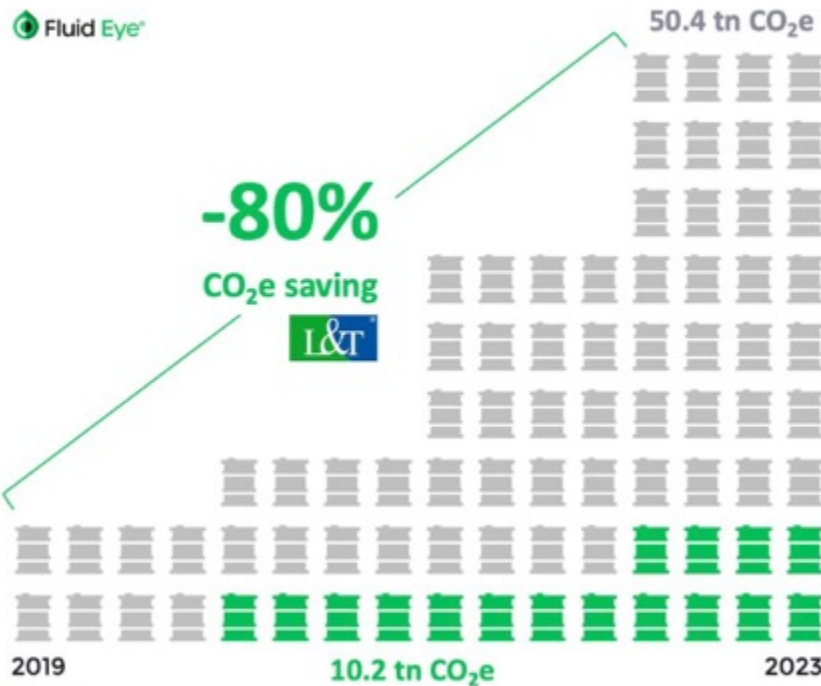
 


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Lassila & Tikanoja Kerava Waste Treatment facility reduced by 80% their hydraulic oil CO2e emissions with #FluidEye. [...see more](#)




-80%
CO₂e saving


50.4 tn CO₂e

10.2 tn CO₂e

2019 2023

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