

Sustainability & Regulatory Service

AI-Powered ESG, Emissions and Compliance Intelligence for Modern Utilities

Utilities face growing expectations to measure environmental performance, demonstrate progress against sustainability goals, and comply with evolving regulatory requirements.

Fragmented data, manual calculations, inconsistent emission factors, and spreadsheet-driven reporting make it difficult to produce timely, reliable, and audit-ready sustainability and compliance information.

Impresa Sustainability & Regulatory Service unifies sustainability data, emissions calculations, efficiency KPIs, compliance analytics, reporting workflows, and evidence management in one enterprise intelligence platform.

Key Features

- ESG and sustainability KPI tracking
- Scope 1, Scope 2 and applicable Scope 3 emissions
- Energy, water, fuel and resource efficiency analytics
- Emission factor and calculation management
- Sustainability targets and performance monitoring
- Regulatory KPI and compliance analytics
- Automated regulatory reporting workflows
- Data validation, reconciliation and exception management
- Audit trails, evidence and data lineage
- Configurable dashboards and reports



Industry Challenges

Utilities must consolidate environmental, operational, financial, and regulatory data while maintaining consistent calculations, traceable evidence, and reliable reporting across multiple facilities and jurisdictions.



Fragmented sustainability and emissions data across systems



Manual and spreadsheet-driven ESG reporting processes



Inconsistent emission factors and calculation methods



Limited visibility into regulatory compliance status



Complex data validation, reconciliation and approval workflows



Difficulty producing timely and audit-ready reports

Learn More
To schedule a live demo or find out more information,
visit www.impresa.ai or call +1 510 824 3255

AI-Powered Core Intelligence Capabilities

Impresa Sustainability & Regulatory Service combines enterprise data integration, emissions calculation, KPI management, compliance rules, workflow automation, and reporting analytics to convert sustainability and regulatory data into trusted action.



Business Benefits

2

Integrated service modules

360°

Enterprise sustainability visibility

1

Governed reporting foundation

ESG

Emissions and efficiency intelligence

REG

Compliance analytics and reporting

- Reduce manual reporting effort
- Improve data consistency and control
- Strengthen regulatory compliance
- Accelerate report preparation
- Improve sustainability transparency
- Support informed management decisions



Emissions & ESG Intelligence

Tracks ESG indicators, calculates Scope 1, Scope 2 and applicable Scope 3 emissions, and manages emission factors and organisational boundaries.



Efficiency & Sustainability Performance

Monitors energy, water, fuel and resource efficiency, renewable contribution, intensity metrics, targets, and enterprise performance.



Regulatory Compliance Intelligence

Calculates regulatory KPIs, monitors compliance status, identifies exceptions, and provides historical trends and risk indicators.



Reporting, Audit & Traceability

Automates reporting workflows, approvals, evidence management, data lineage, validation, reconciliation, and audit-ready submissions.

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Supported Utility Use Cases



Enterprise Emissions Reporting

Calculate, consolidate and report emissions across facilities, sites, regions, business units and organisational boundaries.



Sustainability Performance Management

Monitor energy, water, resource efficiency and sustainability KPIs against baselines, targets and enterprise commitments.



Regulatory Compliance Monitoring

Track regulatory KPIs, compliance status, reporting exceptions, evidence gaps, and



Automated Regulatory Reporting

Generate validated, traceable and approval-ready reports using configurable templates and governed reporting workflows.

Related Products

- Energy & DER Intelligence
- Customer Intelligence Grid
- Intelligence Smart Meter
- Intelligence Revenue
- Intelligence Impresa Meter
- Data Hub Impresa CX Impresa
- Interact

Modern Enterprise Platform

AI-Powered Sustainability & Regulatory Intelligence Architecture

Cloud Native Architecture

AI-Powered Analytics

Open API integration

Event-driven processing

Enterprise Security

Scalable for Millions of Assets

Why Utilities Choose Impresa

Compatible with utility operational, enterprise, environmental and regulatory data sources.



Purpose-built for utility sustainability and regulatory needs



Unified ESG, emissions, efficiency and compliance intelligence



Configurable KPI and regulatory reporting framework



Automated calculation, validation, workflow and reporting



Enterprise visibility from facility to corporate level



Traceable, governed and audit-ready information



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