

Orchestrating EUDR Compliance at Enterprise Scale:

Enhancing transparency in
Bayer's Supply Chain



Company Profile:



Healthcare & Agriculture



~90,000 globally



Active in over 80 countries



Multinational enterprise with numerous subsidiaries, production sites, and decentralized operations

osapiens Solution:

osapiens HUB for EUDR

Results:



Efficient evidence management



Automated risk assessment



On the road to regulatory readiness





At Bayer, we are committed to conducting robust risk assessments across our supply chains, viewing this as more than just a regulatory requirement. Strengthening transparency and due diligence is a tangible way for us to translate sustainability into action. Our collaboration with osapiens on the EUDR project has been instrumental in this process, thanks to their combination of expertise, project management capabilities, clear communication, and a user-friendly interface. Most importantly, we truly enjoyed collaborating with their team.



LINH LOU
SUSTAINABILITY COORDINATOR
BAYER AG

Bayer AG

Bayer leads in Environmental, Social, and Governance (ESG) practices, driving innovation that benefits society and the economy. By investing in sustainable agriculture and healthcare, Bayer enhances global quality of life while protecting natural resources.

Context & Challenge

The EU Deforestation Regulation (EUDR) requires companies to run compliance processes that are not only robust, but scalable and fully auditable. For Bayer, managing global supply chains across key commodities like soy, palm oil, and wood for paper products means coordinating data, systems, and stakeholders across regions in a seamless and efficient way.

Meanwhile, compliance demands verifiable proof that the documentation provided by suppliers is deforestation-free. This includes geolocation data of production areas, risk assessments at country and supplier level, and full traceability of materials along the supply chain. Building, validating, and maintaining this level of proof across different regions, systems, and supplier tiers is not only a legal requirement, but a large-scale operational challenge. Collecting supplier data, running risk assessments, and submitting Due Diligence Statements (DDS) within tight regulatory timelines is not feasible with manual, fragmented approaches.

Bayer therefore needed a single, dependable platform to bring together master and transactional data from multiple systems, as well as data from a multi-tier supplier network. Using a standalone tool operating outside of established workflows was not an option.





Why osapiens?

Bayer chose osapiens for two main reasons:

First, speed and end-to-end capability. The osapiens HUB is able to connect to Bayer's data lake via API and the EUDR module supports the EUDR business process. From supplier data collection to risk assessment to DDS submission all in a single platform.

Second, the quality of the collaboration. From early conversations, the osapiens team demonstrated a clear understanding of Bayer's requirements, including industry-specific needs such as managing supply chains, handling geolocation data for land plots, ensuring traceability of EUDR-relevant materials across multiple supplier tiers, and integrating supplier data from different regions and systems. At the same time, they showed the ability to translate these complex requirements into practical solutions quickly. The combination of technical capability and a highly effective working relationship ultimately drove the decision.

Implementation Approach

A key success factor is the structured setup phase. By defining roles, data flows, and governance structures early on, ambiguity is eliminated from the start, and clear accountability is ensured throughout the execution phase. Internal business units are involved from the very beginning rather than being asked to adopt a finished system later on. Supplier onboarding is thereby treated as a real workflow challenge, not as an afterthought. Supplier feedback was collected as early as possible to help identify practical friction points before they became blockers during the go-live phase. Throughout the project, collaboration between the Bayer and osapiens teams remains close, transparent, and highly responsive. Open questions are addressed promptly, enabling efficient decision-making and maintaining project momentum.

Collaboration, Solution & User Experience

The osapiens HUB is able to connect to Bayer's data lake via API and the EUDR module supports the EUDR business process.

- ▶ Deforestation-free evidence collection: geolocation data gathering and documentation via the supplier portal across sourcing regions
- ▶ Risk assessment: Automated evaluation of supplier and commodity risk, covering both regulatory/legal compliance requirements and deforestation risk based on geolocation and sourcing data
- ▶ Due Diligence Statement submission: automated workflows to prepare and submit DDS to EU TRACES in line with EUDR requirements

The solution is adopted quickly across functions with minimal training effort and integrates into Bayer's existing processes.

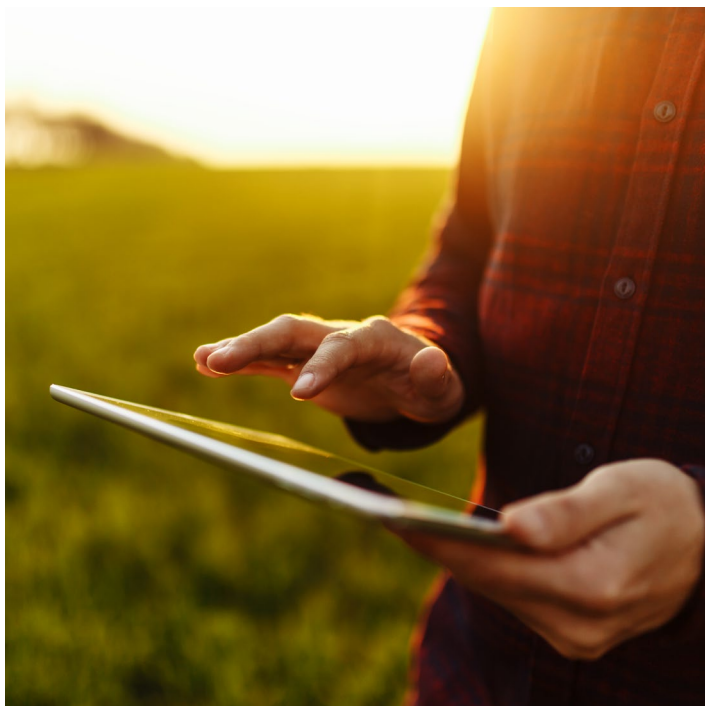
Automated Risk Analysis: Focus Where It Matters Most

The osapiens HUB for EUDR supports deforestation risk assessment across Bayer's global supply chain, flagging geolocation plots that need further analysis. This saves substantial internal resources: compliance teams focus manual effort only where risk is highest, rather than screening every supplier uniformly. Automated deforestation risk scoring based on satellite data ensures no high-risk case is missed, providing a defensible, auditable compliance trail.



Spotlight: Deforestation Risk Assessment

The deforestation risk for a purchase of EUDR relevant material is assessed based on the geolocation of the material origin and satellite-derived data. Results can be aggregated in a configurable way and provide procurement and sustainability teams with a clear view of where deforestation risk may exist across the supply chain. Assessment results feed directly into the Due Diligence Statement submission workflow, creating a transparent chain from risk identification to regulatory reporting.



Outcome & Impact

Through the collaboration with osapiens, Bayer achieved:

- ▶ Efficient evidence management: A robust EUDR compliance business process including efficient evidence management, communication with suppliers and collecting and storing documentation.
- ▶ Automated deforestation risk assessment: Geolocation data of material origin associated with a high risk for deforestation are tagged. This saves time and effort because manual screening is omitted.

osapiens supports Bayer in achieving regulatory readiness for EUDR.

Do you have any questions?

Don't hesitate to contact us
for more information.

[Further information](#)





osapiens develops software that empowers companies to drive sustainable growth across their entire value chain.

The **osapiens HUB**, a multi-tenant hyperscaler platform designed to enable cross-company collaboration and AI-automation, combines over 25 solutions in two categories: **Transparency solutions** enable companies to report on financial and non-financial data, manage supply chains, mitigate risk of all kinds (including cyber-risks and trade- and geo-political risks), and ensure compliance with product, reporting and supply chain regulations. **Efficiency solutions** enable AI-driven supplier collaboration, maintenance, service, and distribution processes to improve operational performance and strengthen competitiveness.

osapiens was founded in 2018. Headquartered in Mannheim, Germany, with offices across Europe and the United States, the company works with an international team of over 550 employees. It supports more than 2,500 customers worldwide, from SMEs to global enterprises across industries.



2,500 + Customers
60 + Countries
550 + Employees
70 + Nationalities

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