



Sigma ESG's

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Embarking on ESG: Ziegler's Positive Impact
**Solid Foundations and Ethical Leadership:
Ziegler's Leading Strategy**

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SHIFTING WAYS





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Subject: Embarking on ESG: Ziegler's Positive Impact

Solid Foundations and Ethical Leadership: Ziegler's Leading Strategy

Greetings, Sustainability Enthusiasts,

In this week's edition, we explore Ziegler's innovative ESG strategy, built on solid and long-standing ethical foundations. Learn about their plans to enhance sustainability and transparency in the logistics industry.

Foundations

Introduction to Ziegler: Ziegler Group, established in 1908 by Arthur Joseph Ziegler, began as a transport business using horse-drawn carriages. In those early days, the entire infrastructure revolved around horses, with essential elements like horse boxes, corral fencing, veterinarians, and coachmen. This setup presented numerous challenges, including the need for extensive care and maintenance of the horses and the logistical complexities of coordinating large-scale transport operations.

As the transportation industry evolved, Ziegler faced the need for a significant transformation with the introduction of diesel trucks. This shift marked a seismic change, offering speed, efficiency, and endurance far surpassing that of horse-drawn carriages. Ziegler adapted swiftly, transitioning from coachmen to drivers, veterinarians to mechanics, and horse boxes to garages. This transformation reshaped the transport industry, and Ziegler emerged stronger and more resilient than ever.

Today, Ziegler embraces the challenges posed by climate change with the same spirit of innovation and adaptability, recognizing the importance of transforming their practices to meet new sustainability standards and expectations and bring their own contribution.

ESG as the Logical Next Step

Transition from CSR to ESG: Ziegler's evolution from corporate social responsibility to a comprehensive ESG strategy underscores their dedication to sustainability. This transition is driven by the need to address significant carbon emissions and the global impact of the transportation industry.

ESG Strategy

Ziegler's ESG governance framework is designed to ensure accountability and transparency, with a dedicated Transition Team and Executive Committee overseeing progress. They have adopted the 6 Capitals reporting approach to provide a comprehensive view of their impact, blending qualitative and quantitative data to enhance decision-making and stakeholder communication.

Core Priority: In order to achieve its goals, Ziegler has identified a Core Priority. The reduction of CO² emissions is their primary focus, recognizing the significant impact of the transportation sector on global carbon emissions.

To effectively drive the core priority of CO² reduction, Ziegler has identified three enablers, which reinforce the three foundations of the organization, thereby creating a truly integrated approach:

Network of Partners and Innovative Solutions: The network of partners is essential for sourcing and integrating innovative solutions. By collaborating with forward-thinking suppliers, Ziegler can test and implement new technologies and alternative fuels, driving the transition to low or zero-emission transport.

'Architects' in Supply Chain and Ziegler Academy: The architects' deep understanding of supply chain needs is enhanced through continuous learning and development provided by the Ziegler Academy. This ensures that they are equipped with the latest knowledge and skills to design sustainable supply chain solutions.

Data Management and Data-Driven Approach: Effective data management underpins Ziegler's ability to make informed decisions. The data-driven approach ensures that the company's systems and analytics platforms provide the necessary insights to optimize supply chain operations and track CO₂ reduction progress.

Additionally, Ziegler has opted for a cautious approach, choosing not to set overly ambitious goals at this stage, preferring instead to spend the next 12 months conducting thorough research to establish realistic and achievable targets, ensuring their transition aligns with industry timelines and practical insights such as vehicle manufacturer's commitments.

By focusing on CO² reduction and reinforcing its three foundational pillars with these interconnected enablers, Ziegler aims to lead the logistics industry towards a more sustainable future.

Progress so far: Ziegler has made significant strides in their sustainability journey:

- Introduction of E-Cargo bikes in Belgium.
- Implementation of the 3StepIT circularity program for all IT equipment, initiated in 2022.
- Attainment of a zero emission certificate for the HQ office in Brussels.

- Integration of CO² calculation into the Transport Management System for all shipments, adhering to the ADEME framework in 2023, followed by a transition to the GLEC framework (ISO14083) in 2024.
- CO² calculation engine for all shipments since 1/1/23.
- Establishment of the Eco Carbon self-service portal, enabling customers to access CO² emissions data for their shipments.
- Order for 10 Udelv transporters, autonomous electric delivery vans.
- Installation of solar panels on warehouse roofs across 5 countries.
- Testing of XTL alternative fuel and Bio-gas trucks in France.
- Deployment of 66 charging poles at sites in 5 countries, with plans for an additional 62.
- Initiation of research into zero emission transport business models.
- Development of concrete heavy-duty e-truck service at competitive price.

Shifting Ways Special Edition Spotlight on Data – Carbon Accounting by Ziegler

The integration of CO² calculation into Ziegler's Transport Management System (TMS) has enhanced their ability to measure and manage carbon emissions for all shipments, adhering to the GLEC framework. This capability allows for more accurate tracking of their environmental impact, supports their sustainability goals, and provides customers with transparent CO² emissions data through the Eco Carbon self-service portal.

The key features of Ziegler's CO² calculation engine include:

Integration with TMS: The CO² reporting engine is integrated into Ziegler's Transport Management System, allowing for seamless CO² measurement for all shipments.

Adherence to Standards: It follows the GLEC framework (ISO14083), ensuring standardized and accurate CO² calculations.

Well-to-Wheel Emissions: The engine focuses on Well-to-Wheel emissions, covering the entire lifecycle from fuel extraction to combustion.

Emission Factors: Utilizes GLEC default emission factors based on global averages, adjusted for specific vehicle types and transport modes.

Customer Access: Provides customers with access to CO² emissions data through the Eco Carbon self-service portal.

Detailed Calculations: Calculates emissions based on shipment weight, distance, and vehicle type, ensuring precise CO² tracking for each transport leg.

These features enable Ziegler to monitor and reduce their carbon footprint effectively while offering transparency to their customers.

As we conclude our special edition, it's clear that the journey towards a more sustainable future is not just a necessity but a responsibility that Ziegler embraces wholeheartedly. Ziegler's active stance on sustainability demonstrates their unyielding commitment to transparent and effective management of GHG emissions.

Ziegler's effective carbon management showcases the possibilities within reach. By leveraging our own GLEC-based CO² reporting platform, your company can achieve similar success in sustainability. Our software simplifies the process, making it easier than ever to measure, manage, and reduce carbon emissions.

Connect with me for more information.

Join us next week for our Sustainability Thursdays Webinar! We will showcase our logistics and transportation GHG accounting platform and be live with Ziegler. Don't miss out!

“Transportation CO² Data - a necessity for your Customers, a Commercial edge for you”



<https://events.teams.microsoft.com/event/b86368ae-574a-4890-bc43-e5fbd4bfae1f@15b60dde-9c93-481e-aced-697d99f6feab>

Stay tuned for more insights and news from the world of sustainability. Together, we can make a difference.

Next Week:

Committing to Net Zero: The SBTi Imperative

Understanding the Science-Based Targets initiative

Best regards,

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