

TRANSFORMERS MAGAZINE'S

INDUSTRY NAVIGATOR

SUSTAINABILITY AND DIGITALIZATION

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Progress in Sustainability from a Refiner's Perspective – Ergon's Journey

Dr. Kristie Armstrong

June 7, 2023



Agenda

- Ergon Overview
- Ergon's
 Sustainability
 Journey
- Ergon's Path Forward

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Dielectric Fluids

Ergon's horizons have expanded since we first began, but our mission remains the same.

MEET NEEDS. SUPPORT FAMILIES. SERVE CUSTOMERS.



4 segments. 60+ companies.

Meeting a wide variety of market needs.

Energy & Specialty Solutions

We transform molecules that would otherwise be used as transportation fuels into noncombustible specialty naphthenic and paraffinic products for niche markets. We also manufacture resins, agents, additives and modifiers for specialty applications.

Ergon Refining, Inc. | Ergon International, Inc. | Ergon - West Virginia, Inc. Process Oils, Inc. | Resinall Corp

Pavement & Coating Resources

Our asphalt solutions extend the life of roadways around the world.

Ergon Asphalt & Emulsions, Inc. | Ergon Asfaltos México HC, LLC | Ergon Asphalt Partners, LP Bryan & Bryan Asphalt, LLC | ErgonArmor | Paragon Technical Services, Inc. | Crafco, Inc.

Integrated Services & Logistics

Our logistics companies are essential to North America's manufacturing supply chain and construction industry.

Ergon Oil Purchasing, Inc. | Ergon Terminaling, Inc. | Ergon Trucking, Inc. Magnolia Marine Transport Company | Ergon Marine & Industrial Supply, Inc. | Lampton-Love, Inc. Ergon Construction Group, Inc. | Ergon Properties, Inc.

Exploration & Production

Ergon companies have been involved in oil and gas exploration and development since the 1970s.

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Ergon Exploration, Inc. | Ergon Energy Partners, LP

I Dielectric Fluid



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Our Core Values.



Empowered Service

Together, we are committed to delivering unparalleled service. We do what's right, provide solutions and foster stronger relationships with our teams and customers. Employee safety is our top priority and the first consideration in all aspects of our service.



Selfless Leadership

We lead with compassion and put those around us before ourselves. We don't say we're the experts; we demonstrate it through technical expertise, category innovation and genuine care for what we do.



Purpos eful Growth

Employee growth and company growth go hand in hand. We build our legacy together to ensure future success.



Respectful Relationships

Together, we foster a culture of respect, acceptance and diversity of ideas and of people. Our differences make us stronger, and we are united by our shared values.

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"Sustainability is no longer about doing less harm. It's about doing more good."

—Jochen Zeitz, President and CEO of Harley-Davidson

Sustainable Development is the idea that human societies must live and meet their needs without compromising the ability of future generations to meet their own needs.

Brundtland Report, 1987

Sustainability's Evolution

- ✓ 1970s: Concept of sustainable development coined
 - 1987: Brundtland Report defined sustainability
 - 1994: Introduction of the "triple bottom line" clarified sustainability as integration of social, economic, and environmental value
 - 1999: The global sustainability index is launched, tracking leading corporate sustainability practices worldwide
- 2005: Term ESG is coined in landmark study entitled "Who Cares Wins" by the U.N. Global Compact
- 2015: U.N. Sustainable Development Goals launched
- 2020: COVID-19 crisis accelerates ESG issues and related global consequences
 - 2022: Inflation Reduction Act (IRA) signed marking the most significant action Congress has taken on clean energy and climate change in the nation's history





ERGON'S SUSTAINABILITY JOURNEY

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Value Protection

(1)

On the Path to Excellence

Excellence: Purpose, Differentiation & Sustainable Value Creation Increasing value for society and entire stakeholder ecosystem

Leadership: Long-term value & investment (4) Sustainable innovation & business models, brand enhancement

Sustainability Maturity Path Efficiency: Smart thing to do Realize operation cost savings, measure baselines, environmental process optimization

> Obligation: Expected or pressured to do (2) Reduce operational, brand, reputation, and investment risk + voluntary ESG reporting

Compliance: Legally required to do Reduce operational and compliance risk + mandatory ESG reporting

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(5)

Disregard: Ignore and face consequences (0)

Adapted from the PWC Sustainability Maturity Path

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Internal

Driver

External

Sustainability Statement

Ergon is a relationship-driven, global organization comprised of a wide array of businesses committed to *DOING RIGHT:*

WITH OUR PRODUCTS.

As we develop innovative, quality products and solutions produced in an environment of impeccable compliance standards and ethical business practices.

FOR OUR PLANET.

As we work to define and measure our emissions, environmental and energy impacts, set realistic goals and implement solutions to achieve those goals.

BY OUR PEOPLE.

As we respect the dignity of every team member and encourage and foster career as well as personal growth in an environment that promotes safety, diversity and equality.

THROUGH OUR PRINCIPLES.

With an unwavering commitment to our core values which reinforces the focus on sustainability, health and safety, compliance with company policies, and the investment of our time and resources to serve our communities throughout the global Ergon organization.

We encourage our partners and suppliers around the world to uphold these same standards.

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Ergon Energy & Specialty Solutions

To Our Valued Customers:

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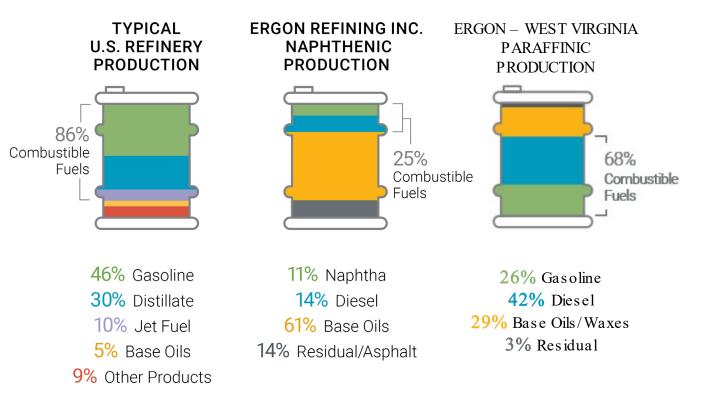
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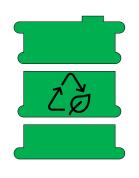
We transform molecules that may otherwise be combusted into high-value solutions our customers utilize to improve the performance of products people use every day around the world.



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Ergon products are designed to reduce friction



Over the past 10 years, Ergon R&M has launched numerous **renewable** products that have displaced as much as 1.4 million gallons of traditional mineral oils, an equivalent volume of more than 150,000 barrels/year of crude oil processed for base oil purposes. This volume is expected to double by 2030.

E&SS recently launched HyVolt Natural and Synthetic Esters to its portfolio. These biodegradable oils have been engineered with high fire point for applications where fire safety and increased biodegradability are critical.



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Capital Investments

Over the past 15 years, E&SS has invested more than **\$300 million** to reduce the environmental impact and to improve safety for our employees and the communities where we operate



Supply Chain Projects

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Energy efficiency projects in our supply chain has reduced our transportation miles on exported barrels by >90,000 miles per year.

Efficiency = reduced energy consumption = reduced GHG emissions

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Coca Cola

ERGON

Community Outreach

E&SS headquarters pledges 400 community service hours and \$25,000 in charitable giving!

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Ergon Refining 2019 GHG Emissions*



Scope 1 &2 per Tonne of Product Throughput

*Scope 1 & 2 emissions models validated by third-party sustainability consultant

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Sustainability Path Forward

ER REF

Hy/olt Dielectric Fluids

Ergon Refining Carbon Emissions Reduction Commitment





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Reduction by 2026



- Offer our customers a competitive advantage through reliable, high-performing specialty products with service that exceeds expectations
 - Bring more recycled and renewable products into specialty applications
 - Leverage emerging technologies to further drive emissions reductions at our facilities in the coming years

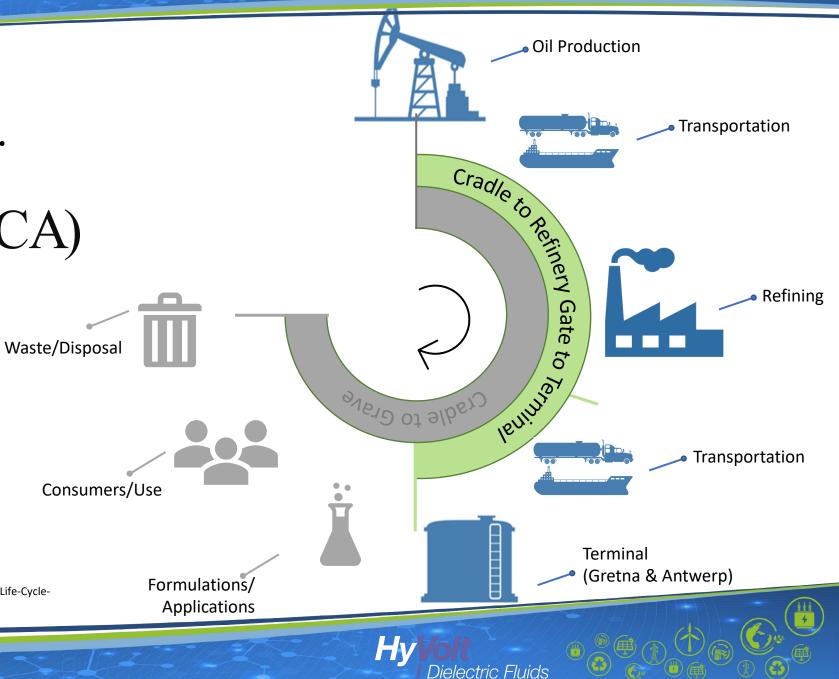


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Ergon Refining, Inc. Life Cycle Assessment (LCA)

- Scope 1 &2 emissions
- Cradle-to-gate
- Transport to Gretna and Antwerp terminals
- Standardized by ISO 14040/44

Adapted from https://khni.kerry.com/wp-content/uploads/2022/08/What-is-a-Life-Cycle-Assessment-LCA-Kerry-Health-and-Nutrition-Institute.jpg



Thank you.

Dr. Kristie Armstrong Technical Projects Manager Energy & Specialty Solutions

kristie.armstrong@ergon.com

ERGON. HyVolt Dielectric Fluids

WHEREVER YOU POWER HOWEVER YOU POWER