



From legal complexity to clarity: harnessing AI for proactive HSE compliance

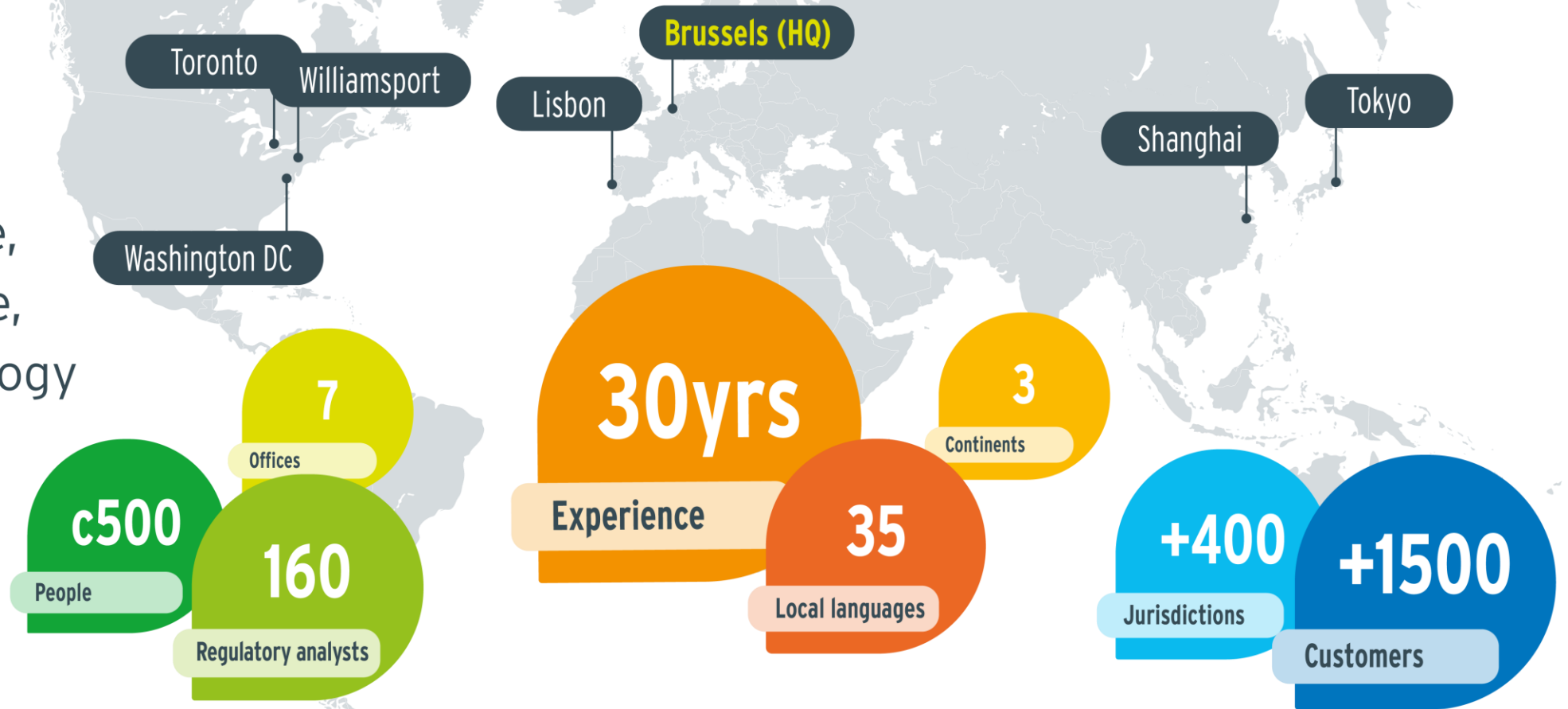
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Enhesa...

global coverage,
local knowledge,
flexible technology



We work with

35%



Our clients combined turnover is approx.

\$22trillion



No. of facilities

+30k
we cover



Our client retention rate

95%



Agenda

1. Tackle regulatory complexity with confidence
2. Transform data into action with AI-driven compliance intelligence
3. Human expertise, enhanced by AI
4. Future-proof your AI compliance strategy

Tackle regulatory complexity with confidence

- Global HSE regulations are dynamic, fragmented, and fast-moving
- Thousands of changes across jurisdictions each year
- Compliance teams are **overloaded**



Tackle regulatory complexity with confidence

- A balance between technology and human expertise
- "Information overload" is the top stress factor for compliance professionals



How to move from chaos to clarity?



- AI-powered tools streamline monitoring
- Single source of truth across jurisdictions
- Confidence in identifying relevant obligations



**Transform data into
action with AI-driven
compliance
intelligence**

Data overload → actionable insights



Data Collection → Compliance Intelligence

AI doesn't just collect data – it analyzes, summarizes and prioritizes it

Highlights what's relevant, flags urgent changes, and suggests actions



A modern office hallway with a blurred person walking from left to right. The walls are made of light blue panels, and the floor is highly reflective. In the background, there is a glass door leading to a room with orange walls. A large white circle is overlaid on the right side of the image, containing the text "Human expertise, enhanced by AI".

**Human expertise,
enhanced by AI**

A blurred image of a person in a dark suit and light-colored shirt, walking and carrying papers, set against a red background with a white grid.

Will AI replace human experts?

Short answer... No!

We need to **keep the human-in-
the-loop**

Where AI ends, human insights begin

- Most effective compliance strategies combine machine efficiency with human judgment
- Every AI output must be validated and enriched by (legal) professionals



AI and the evolution of compliance roles

- AI is also changing the role of compliance experts
- From **collecting information** to **curating meaning**

The future?

Not AI *versus* experts. AI *with* experts



A man in a light-colored suit and dark shoes is skateboarding on a city street. The background is heavily blurred, showing streaks of light and color, suggesting motion. A large white circle is overlaid on the right side of the image, containing the text 'Future-proof your AI compliance strategy'.

Future-proof your AI compliance strategy

A new era in HSE compliance

Compliance is more:

- Proactive;
- Predictive; and
- Resilient



A new era in HSE compliance

Compliance is changing... and so should your compliance strategy!

- Invest in technology and people;
- Foster a culture of continuous learning and adaptation;
- Stay engaged with regulatory developments





AI governance in the world





Conclusion

A person wearing a conical hat stands on a bamboo raft on a river at sunset. They are holding a fishing net. A large, glowing lantern is mounted on the raft. In the background, there are karst mountains and a bird is perched on the raft. The scene is reflected in the water.

The goal isn't to replace
human expertise, **but to
amplify it.**

The future of compliance belongs
to teams that can turn complexity
into clarity.

**Complexity is inevitable.
Confusion isn't.**



Q&A

Want more?

The role of high-quality data in AI for EHS

A look behind the scenes at how Enhesa's AI team ensure and rely upon high-quality data to provide accurate, reliable AI tools as part of our solutions



Read the article

Smart AI. Smarter compliance.

Enhesa has strategically incorporated machine learning and AI into our systems to ensure our customers get immediate visibility of jurisdictional and legislative regulatory changes around the world. Learn more about how we take a careful and considered approach to the use of AI.



Download the eBook

AI through the lens of ESG

An expert analysis on how the intersection between AI and ESG is reshaping sustainability and compliance.



Download the eBook

Thank You!



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