wisetech academy

Dangerous goods, smarter training

How online learning builds safer, stronger supply chains



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Introduction

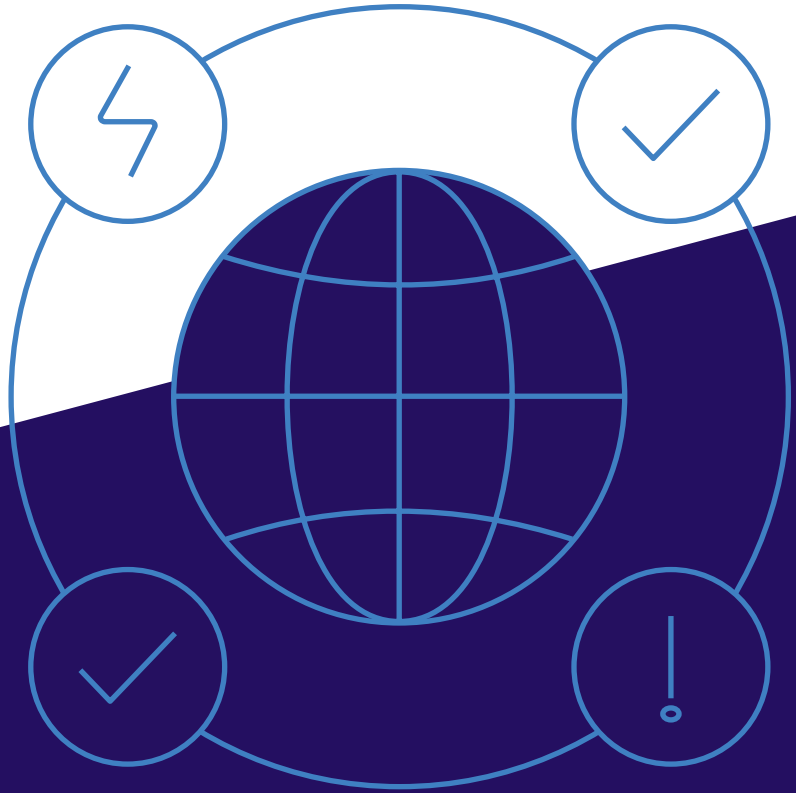
In today's high stakes logistics environment, dangerous goods (DG) compliance is no longer just a regulatory requirement; it is a strategic imperative. As global supply chains grow more complex, and the volume and variety of dangerous and hazardous materials in transit increase, the ability to manage DG compliance effectively can become a powerful differentiator.

For forward-looking logistics operators, this presents a clear opportunity. The better your people understand the rules, the more confidently you can move sensitive, high value, and regulated cargo, expanding your service offerings while reducing operational and reputational risk.

But staying compliant in this space is not static. DG regulations shift frequently, are updated every year, and require precision at every touchpoint. That is why relying on outdated, infrequent, or location-based training models is no longer sufficient.

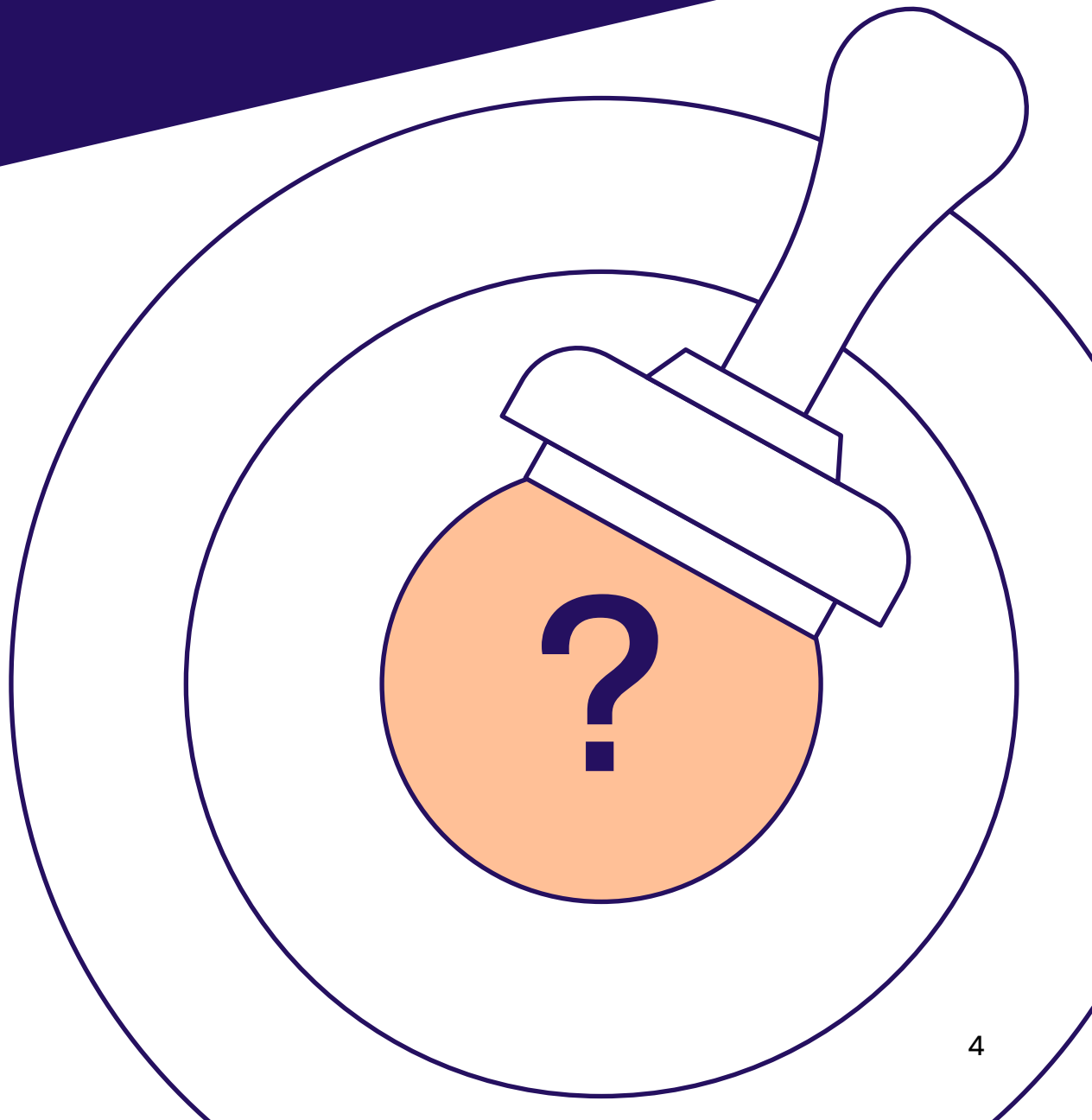
To succeed, logistics businesses need a continuous, scalable, and globally consistent training model that evolves with the regulatory landscape and supports knowledge retention across dispersed teams. Online training provides exactly that: a flexible, always current solution that empowers your workforce and strengthens your compliance posture.

Now is the time to rethink your approach to DG training and discover how a digital first approach equips your workforce to manage compliance confidently, reduce risk, and unlock new commercial opportunities.



Compliance is changing. Are you keeping up?

DG compliance is becoming increasingly complex, shaped by evolving global regulations, the rise of Ecommerce, and rapid advances in technology.
For logistics leaders, staying ahead means understanding not only the rules, but the forces reshaping them:

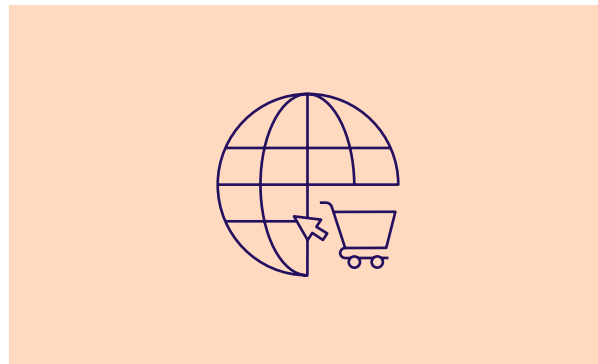


Compliance is changing. Are you keeping up?



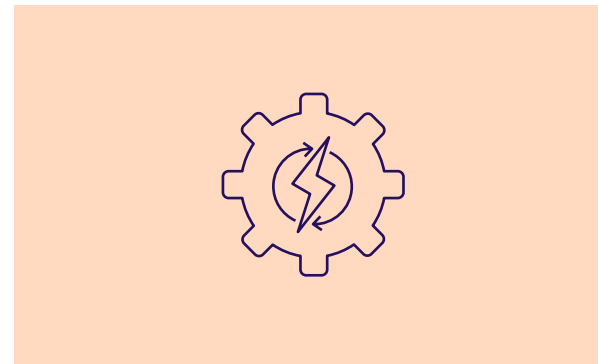
Intensifying regulatory scrutiny

The global framework governing the transport of DG is growing more intricate, with stricter enforcement from both national and international bodies. Key regulatory updates, such as the 66th Edition of IATA's Dangerous Goods Regulations (DGR), effective on January 1st, 2025, signal a continued push for safer, more streamlined handling of dangerous and hazardous materials. Compliance today demands meticulous attention to detail, especially as updates to the IMDG Code and air cargo protocols become more frequent and prescriptive.



The growing influence of Ecommerce

Ecommerce is accelerating the movement of DG in smaller, more frequent shipments, often directly to end consumers. In the U.S. alone, Ecommerce accounted for **16.4%** of total retail sales in Q4 2024, a 5.3% increase from the previous quarter. Whilst these statistics pre-date the removal of the "de minimis" rules in early 2025 that allowed goods under US$800 to enter the USA duty free, the risk remains that goods may be handled by individuals with little or no DG training. For logistics providers, the challenge is twofold: adapting operational processes and ensuring frontline staff are equipped to maintain safety and compliance at scale.



Technology is driving rapid innovation

Technological advancements have also profoundly impacted DG logistics. From real time tracking to automated classification and documentation, technology offers a pathway to safer and more efficient operations. In fact, **83%** of surveyed logistics professionals report active digitalization efforts in DG handling. Yet technology alone is not the solution. Its effectiveness hinges on well-trained staff who understand both the systems and the underlying compliance requirements. Managing accurate Safety Data Sheets (SDS) and integrating them into workflows remains a significant challenge without proper training and alignment.

One mistake, multiple consequences: The true cost of DG non-compliance

DG compliance is not just another operational cost. It is a critical safeguard for your business. The risks of falling short extend far beyond fines, touching every corner of your organization.

Regulatory enforcement is tightening across the globe. In the U.S., civil penalties can reach up to $102,348 per violation per day. For incidents resulting in injury, death, or serious property damage, fines rise to $238,809. In extreme cases, individuals may face prosecution, and companies can face suspension or loss of their license to operate.

Beyond the legal and financial risks, non-compliance brings operational disruption. Shipments that fail to meet DG requirements are frequently delayed or rejected by carriers, leading to additional handling costs, supply chain bottlenecks, and missed service level agreements.

The reputational stakes are equally high, one mishandled DG incident can undo years of brand equity, resulting in lost customers and reduced market confidence. Long term impacts may also include increased insurance premiums, litigation, and cleanup costs that quickly exceed initial fines.

In this environment, training must be more than a scheduled obligation. It needs to be continuous, practical, and seamlessly integrated into everyday operations. This is where online training excels. It offers scalable, up to date learning that equips teams to navigate regulatory complexity with confidence.



Source: 1. U.S. Census Bureau 2 LabelMaster 3 PHMSA

The way we manage DG is evolving rapidly. Your training needs to as well.

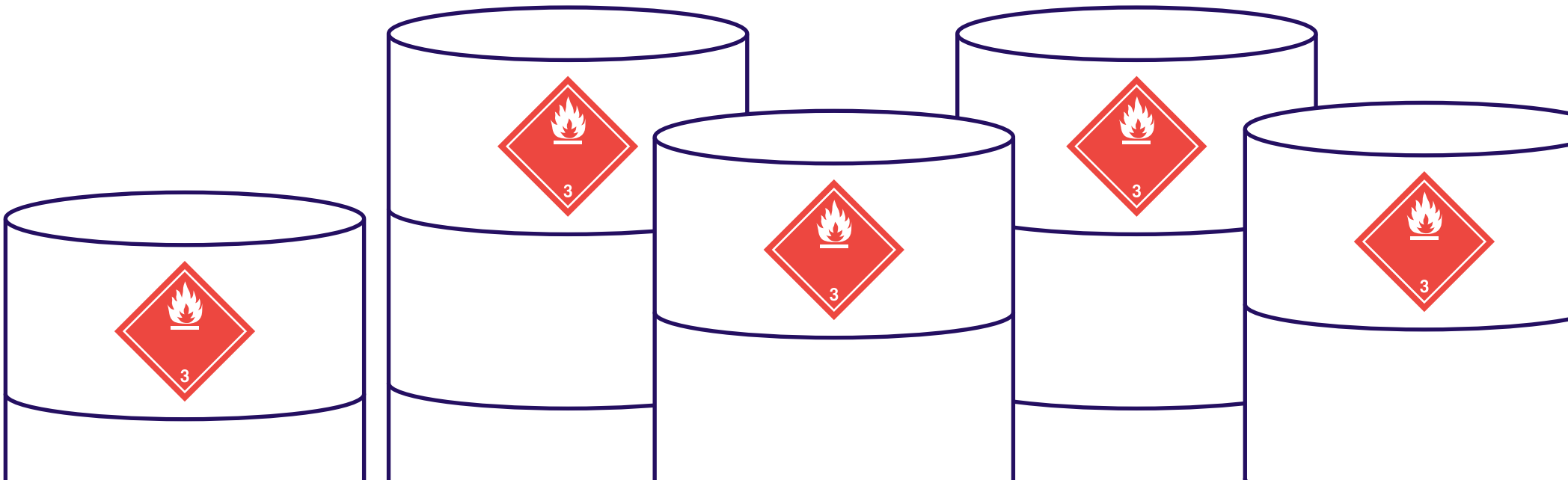
As regulations and technologies evolve, so must your approach to DG training. Periodic, in person sessions are no longer enough. Today's compliance demands training that is continuous, flexible, and cost effective.

Online training delivers exactly that. It reduces the need for travel, printed materials, and instructor led sessions, cutting down both direct and indirect costs. Teams can train without disrupting operations, minimizing downtime and improving productivity.

It also ensures staff stay current with changing regulations and consistent in their knowledge, no matter where they are located. Regulatory requirements reinforce this need. In the U.S., hazmat employees involved in domestic air transport must complete recurrent training at least every three years. International standards, such as ICAO's Technical Instructions, require updates every two years.

With regulations frequently amended, waiting for re-certification or ad-hoc training creates knowledge gaps that can lead to non-compliance.

With better prepared teams, fewer disruptions, and lower overheads, online training is a smarter investment. It protects your bottom line while building a safer, more compliant operation.

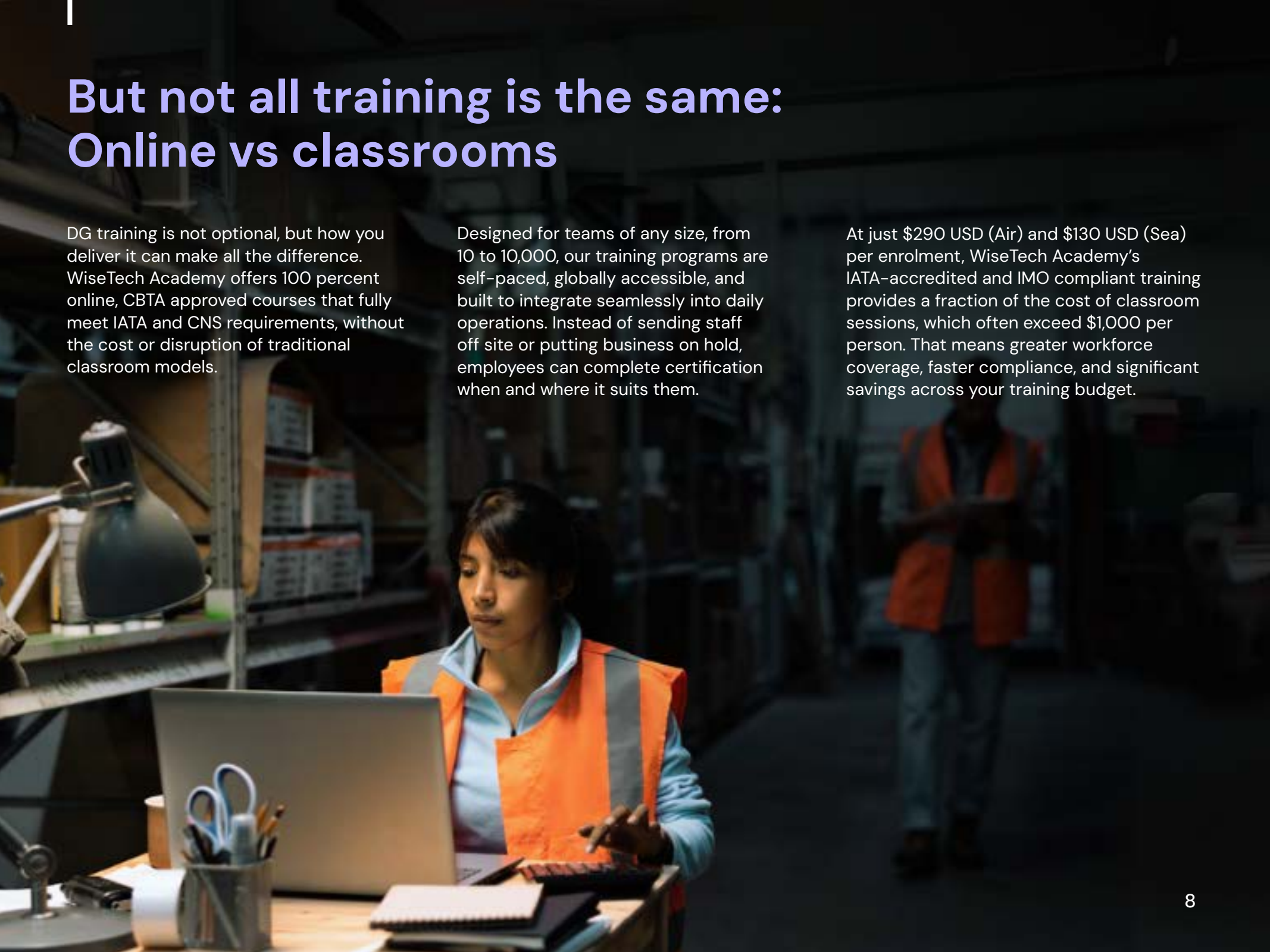


But not all training is the same: Online vs classrooms

DG training is not optional, but how you deliver it can make all the difference. WiseTech Academy offers 100 percent online, CBTA approved courses that fully meet IATA and CNS requirements, without the cost or disruption of traditional classroom models.

Designed for teams of any size, from 10 to 10,000, our training programs are self-paced, globally accessible, and built to integrate seamlessly into daily operations. Instead of sending staff off site or putting business on hold, employees can complete certification when and where it suits them.

At just $290 USD (Air) and $130 USD (Sea) per enrolment, WiseTech Academy's IATA-accredited and IMO compliant training provides a fraction of the cost of classroom sessions, which often exceed $1,000 per person. That means greater workforce coverage, faster compliance, and significant savings across your training budget.



Is your training approach outdated?

A side-by-side look at online vs classroom DG training

Are your teams still relying on outdated training methods to manage DGs? Here's how online DG training stacks up against traditional classroom sessions, and why it might be time to make the switch.

Key training considerations	Online training	Classroom training
Regulatory compliance	Updated in real time to reflect the latest regulations, ensuring ongoing compliance and accuracy	Regulations often outdated between sessions; printed materials quickly become obsolete.
Geographic dispersion	Accessible globally, 24/7, ideal for dispersed teams across multiple time zones and locations.	Requires centralization; costly and logistically complex for global teams to attend.
Operational continuity	Enables flexible, self-paced learning without pulling key staff offline during critical operations.	Training takes employees offline for extended periods, disrupting daily operations.
Knowledge standardization	Delivers identical, structured content to every learner, ensuring consistency across the business.	Variability in trainers, delivery style, and session quality often leads to knowledge gaps.
Learning materials	Digital resources updated instantly; interactive content promotes engagement and retention.	Relies on paper manuals, which become outdated quickly and are rarely revisited.
Training frequency	Continuous access allows for just-in-time learning and regular refreshers based on role or risk.	Training frequency is often dependent on a schedule to suit the availability of trainers & facilities. The student may miss re-training deadlines and / or critical knowledge updates.
Documentation & tracking	Built in progress tracking and audit trails simplify compliance reporting.	Limited tracking of informal, on the job training; documentation is often inconsistent.

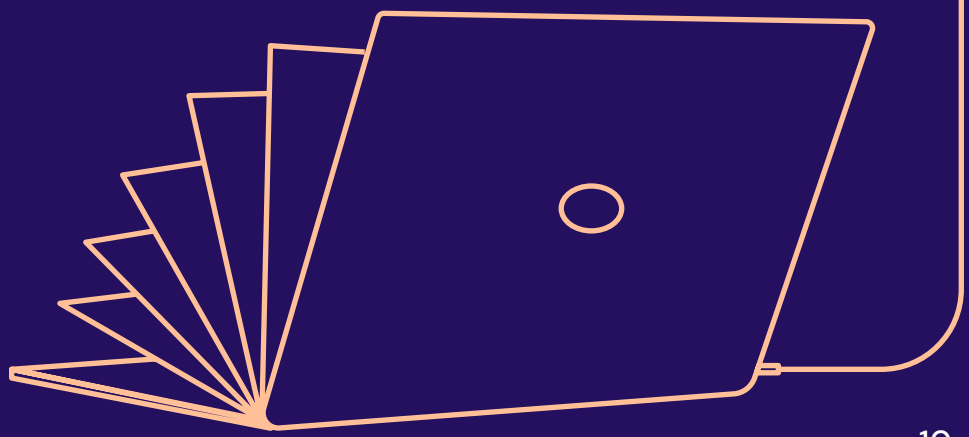
FROM THEORY TO PRACTICE:
SEKO LOGISTICS

How SEKO Logistics replaced classroom training with a scalable, digital solution.

Like many logistics providers, SEKO Logistics faced a critical challenge during the COVID-19 pandemic: how to continue training a dispersed workforce when in person sessions were no longer possible. Before the pandemic, SEKO relied heavily on classroom-based instruction. But as teams shifted to remote work and in person coordination became impractical, the company realized its traditional training model was no longer sustainable.

> The biggest challenge was just finding the time. Most branches have only five or six people. When everyone wears multiple hats, pulling staff offline for classroom training simply doesn't work.

Nicholette (Nikki) Jonas
Support Manager, SEKO



FROM THEORY TO PRACTICE: SEKO LOGISTICS

How SEKO Logistics replaced classroom training with a scalable, digital solution.

SEKO needed a more flexible and scalable solution that could support learning across time zones and job functions without disrupting operations. **The company turned to WiseTech Academy to modernize its approach.**

Online training that scales with the business

By adopting WiseTech Academy, SEKO replaced manual processes and disconnected sessions with a centralized digital platform. Employees gained access to self-paced modules, visual progress tracking, and the ability to revisit key topics as needed. This flexibility meant smaller teams could fit training around daily responsibilities rather than sacrificing productivity.

With clear learning paths and certification goals, employees became more engaged and accountable. “Once more certifications started coming through, the quality of questions changed,” Nikki explains. “Staff were thinking critically and discussing solutions, not just asking for help.”

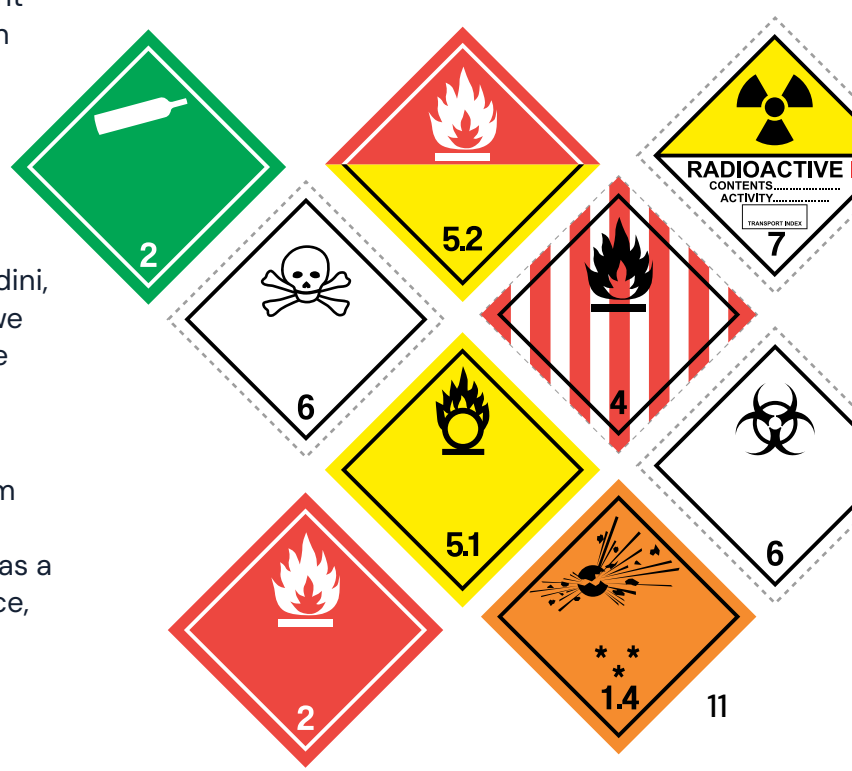
Standardization across teams and borders

The benefits extended well beyond productivity. Online training helped SEKO standardize workflows across its U.S. branches, enabling more consistent operations and seamless collaboration between teams. This level of process alignment was especially valuable in a remote-first environment.

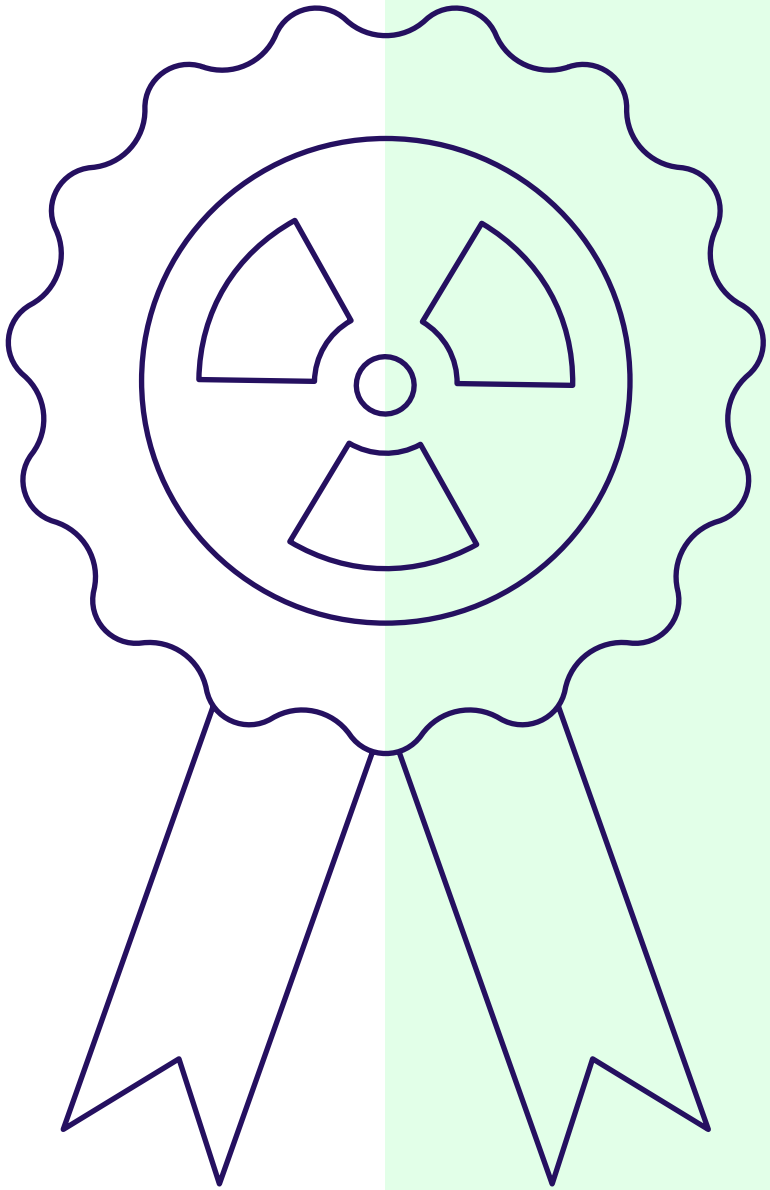
“Before, people did things their own way. The pandemic pushed us to standardize,” says Jacquelene Manfredini, Director of Process Innovation. “Now we have greater visibility, better milestone tracking, and a much clearer view of performance across the business.”

As SEKO expanded its training program to global branches, it maintained the same rigorous standards. The result was a certified and high performing workforce, regardless of location.

SEKO’s experience proves that online training is not just a temporary solution. It is a smarter long-term strategy. It reduces time and cost, increases consistency, and empowers staff to learn in ways that suit their roles and schedules.



WiseTech Academy is the world's first 100% online IATA-accredited DG by air compliance training.



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Access key DG courses across supply chain including:

Air Freight (IATA accredited)

- Preparing DG (Hazmat) Consignments (excluding Radioactive)
- Preparing DG (Hazmat) Consignments (All Classes)
- Accepting DG (Hazmat) Consignments

Sea Freight (IMO Compliant)

- Packing, preparing and accepting Dangerous Goods (Hazmat) consignments
- Preparing non-bulk Dangerous Goods (Hazmat) consignments
- Packing and loading/unloading Dangerous Goods (Hazmat) consignments into CTUs
- Tank and bulk container operations
- Ship loading and unloading operations
- Vessel operations
- Senior DG (Hazmat) managers and DG Safety Advisors (DGSAs)

Hazmat 49CFR

- Hazmat General Awareness 49 CFR
- Hazmat Land Transport 49 CFR
- US Hazmat Security Awareness 49CFR



Ready to streamline your DG training?

Get industry leading, IATA-accredited and IMDG compliant Air & Sea Freight DG (Hazmat) training that's 100% online, fully compliant, and built for scale. With WiseTech Academy, you gain full oversight of your team's training progress, accreditations, and renewal schedules, all through a centralized administration portal.

Enquire now to enrol your team and start tracking their progress in real time.

Email: **contact@wisetechacademy.com**
Visit: **wisetechacademy.com**

Already have a corporate domain with WiseTech Academy?

Reach out to your WiseTech Academy representative to add DG courses to your corporate domain.

