




# Guided Environmental Compliance

Your Path to Digital Transformation

ENCAMP



# Table of Contents

- 3 **Our Why:** A Note from Our Founder
  - 6 **The Problem:** The State of Environmental Compliance Today
  - 8 **The Solution:** Guided Environmental Compliance
  - 11 **Our Method:** 5 Steps to Digital Transformation
  - 24 **Next Steps:** Our Continuing Vision
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# Our Why

## A Note from Our Founder

When I worked as an environmental scientist at one of the EHS industry's biggest consulting firms, I was always dismayed by how chaotic the process was for compliance reporting. The whole undertaking was confusing, error-prone, and terribly inefficient. And *frustrating*.

I believe that no environmental professional should have to spend hundreds of hours tracking down compliance data in systems that are unorganized and disconnected. They shouldn't have to guess which facilities are required to file compliance reports and which ones aren't, without the necessary data to back up those decisions. And once the right data is collected, environmental professionals deserve a better solution than copy-pasting information from spreadsheets to portals and PDFs to complete their mission-critical compliance reporting.

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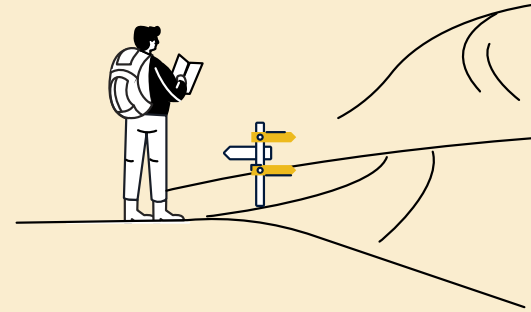
Especially in enterprises with dispersed facilities, there's seldom a roadmap for how compliance is supposed to work. We started Encamp to eliminate frustration and build that path to success.

**Luke Jacobs** -  
CEO & Co-founder



## A Note from Our Founder

Encamp transforms compliance programs and human processes into a technology-driven system that lays the foundation for accurate and ongoing environmental compliance.



Even with modern EHS software solutions, environmental compliance remains harder than it needs to be. Especially in enterprises with dispersed facilities, there's seldom a roadmap for how environmental compliance is supposed to work. There's no playbook, and seemingly never enough time or support.

We started Encamp to give enterprise companies and their compliance teams a better way to manage environmental compliance. Encamp transforms compliance programs and human processes into a technology-driven system that lays the foundation for accurate and ongoing environmental compliance. By leveraging environmental and software experts alike, we help companies centralize their facility information, set up continuous data collection, and automate getting that information to the right reporting systems in the right formats.

The result? A stress-free connected environmental compliance program that helps get the job done in a continuous, systematic, and auditable way.

This is our method for compliance success. We call it *Guided Environmental Compliance* — and for organizations ready to start their digital journey, it's just around the bend.

*Luke Jacobs*

# Our Mission

Encamp is on a mission to increase compliance efficiencies across top organizations in order to create a world **where good for business can equal good for the environment.**

Through digitalization and in-house expertise, we work with enterprises throughout the U.S. to transform environmental compliance programs into technology-driven systems that protect the environment and successfully mitigate risk.



# The Problem

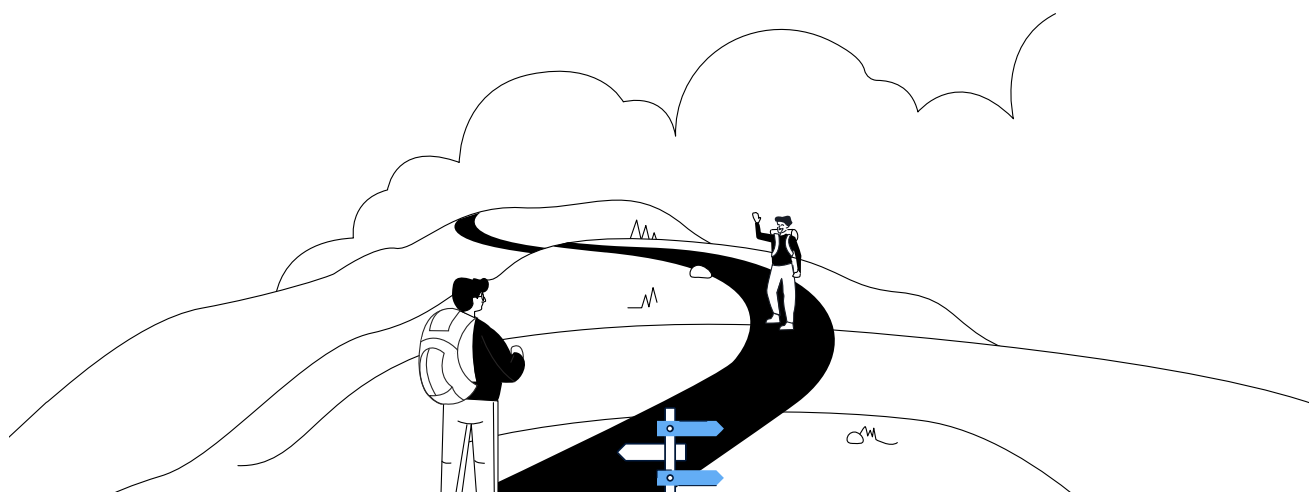
## The State of Environmental Compliance Today

Today's environmental compliance teams are inundated with challenges: regulations that constantly change, complex reporting requirements, decentralized data, and a mountain of paperwork that still needs to be done to finish compliance reports. It's an endless cycle, particularly for enterprises that have distributed facilities across the U.S.

For environmental professionals tasked with maintaining compliance, it's safe to say they're more than a bit overwhelmed. Tracking what seems like an infinite amount of compliance details every day, across siloed data sources, feels like an impossible task. And if anything is overlooked, the threat is non-compliance. Which can mean financial penalties that continually escalate over time, reputational damage, or worse, an organization is forced to shut down — temporarily and even permanently.

Digital transformation technologies and practices bring a simplified method to the madness. As enterprises integrate digital technology into their compliance program areas, it empowers them to centralize information, make data more visible, build a continuous and auditable process, and ultimately gain central control over the entire compliance program.

That's when it's helpful to partner with a guide who knows the digital landscape, and who can navigate it right by your side.



Digital transformation requires an end-to-end mindset, a rethinking of ways to meet business needs, the seamless connection of work activities, and the ability to manage across silos going forward.

*Harvard Business Review, Technology and Analytics*

POINT OF INTEREST

Did you know that more than 70% of incidents that result in non-compliance are due to **human error**?



# The Solution

## Guided Environmental Compliance

Without a modern approach to environmental compliance, everything from data hygiene to facility-level reporting suffers. By combining **high-tech solutions** with **high-touch support**, environmental compliance programs can reach new heights.

### Technology to transform

With proprietary technology to support Guided Environmental Compliance, enterprises can realize positive compliance and business outcomes on a consistent, long-term basis. But modern features are just one part of the environmental digital transformation journey. The true value of digitalization lies in establishing a solid digital foundation, based on an enterprise's current systems, and then streamlining how it all works together.

What does this mean for an organization's overall compliance program? It means central control.

### Clear, cohesive, and comforting control

Imagine. No more tracking endless compliance details for facilities dispersed around the country. No more guesswork to complete the required environmental compliance reporting. No more wondering if your organization is still at a risk for non-compliance — despite your best efforts.

This is the power of a connected program that provides the central control to collect relevant compliance information, get that information to the right systems in the right formats, and keep everything up to date.



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It's not enough to merely take the same data tracking process you've always used and move it onto a computer. To truly create a digital transformation, it's necessary to standardize records and make them actionable by generating meaningful insight into what areas need attention.

**Ben Jacobs** –  
VP of Engineering



POINT OF INTEREST

**Learn how** Coca-Cola Consolidated centralized their compliance tasks across multiple facilities using the Encamp technology.

## Experts to guide you

In addition to technology that works to streamline processes, it's invaluable to have a system supported and championed by experts — specialists who can untangle a web of data, standardize processes, preserve institutional knowledge, and align it into a compliance program that works across multiple facilities, states, and operating realities.

With a customer-driven product roadmap setting the course, these knowledgeable specialists are able to guide you the best way forward. And with a skilled, dedicated team by your side, they work with you to pave a path from onboarding through every reporting season and beyond, including scaling operations when mergers and acquisitions lead to additional facilities and compliance requirements.

## Setting foundations for the future

The state of compliance is continually evolving. By proactively building a strong compliance program foundation now, with people dedicated to solving current and upcoming compliance challenges, your organization will be better prepared to meet the future and successfully manage change.

Utilizing customer-driven solutions also means working with experts who have personal knowledge of your frustrations, and a clear understanding of your compliance goals. These teams pave the way to optimal system performance and a stress-free future.

### POINT OF INTEREST



Our team is comprised of experts from all walks of environmental compliance life, from environmental scientists to compliance officers, EHS managers, and even state regulators.

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We all come from environmental compliance and EHS consulting backgrounds, so we know what you're up against.

**Megan Walters, CHMM** –  
VP of Compliance & Customer Success

[Learn more about Megan >](#)



# The Encamp Method

## 5 Steps to Digital Transformation

Guided Environmental Compliance is a blended method of high-tech solutions and high-touch support that paves the path to environmental digital transformation.

While working with leading environmental compliance teams to transform their operations, we've identified and simplified the entire compliance data management and reporting process into five steps that give structure — and then success — to complex regulatory programs.

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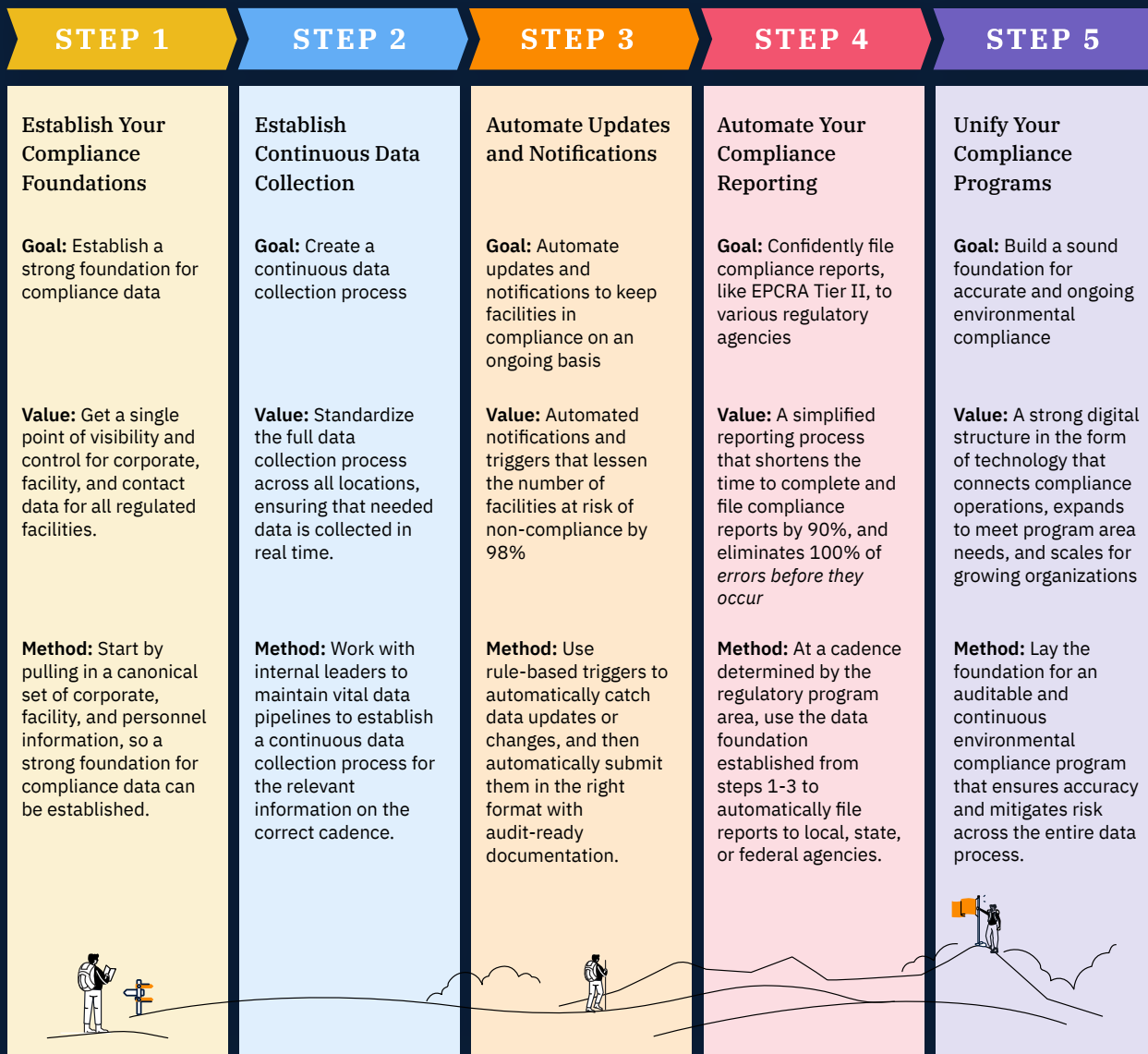
We don't see our role solely as a support function for a particular environmental compliance program. Our vision is one of guidance, providing a roadmap to navigate the twists and turns of compliance and reporting.

**Jackie Velazquez, P.E.** –  
Director of Environmental Compliance

[Learn more about Jackie >](#)



# 5 Steps to Digital Transformation



\*Based on actual Encamp customer accounts.

To get started on your path,  
talk with one of our Encamp Specialists  
at [encamp.com](https://www.encamp.com)



STEP 1

# Establish Your Compliance Foundations

Establish a strong foundation  
for compliance data

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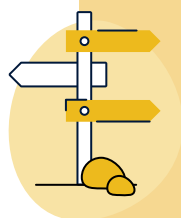
***The problem:** Without a good foundation, there's a lack of data quality and trust throughout the enterprise.*

The journey towards environmental digital transformation starts with a solid data foundation organized in a way that's readily available to those who need it. Within a technology system for any given regulatory program area (EPCRA, RCRA, etc.) the first and most the first and most important step of Guided Environmental Compliance starts by establishing a reliable data foundation. This foundation should consist of corporate, facility, and personnel information that exists for your company relating to that program area. Corporate information is collected, facility profiles are built out, and regulatory contacts are stored in one centralized system so critical information is organized into one place, serving as your "single source of truth."

This first step of the process is typically completed during the initial onboarding with a dedicated Customer Success Manager (CSM), setting the tone for the system to become the foundation for that particular program area.

### POINT OF INTEREST

The digitized system serves as the foundation for any particular program area. It helps you centralize and standardize chemical product libraries, update facility-level chemical inventories, and identify chemicals that have exceeded a state or federal threshold.



## STEP 1

**Establish your Compliance Foundations**

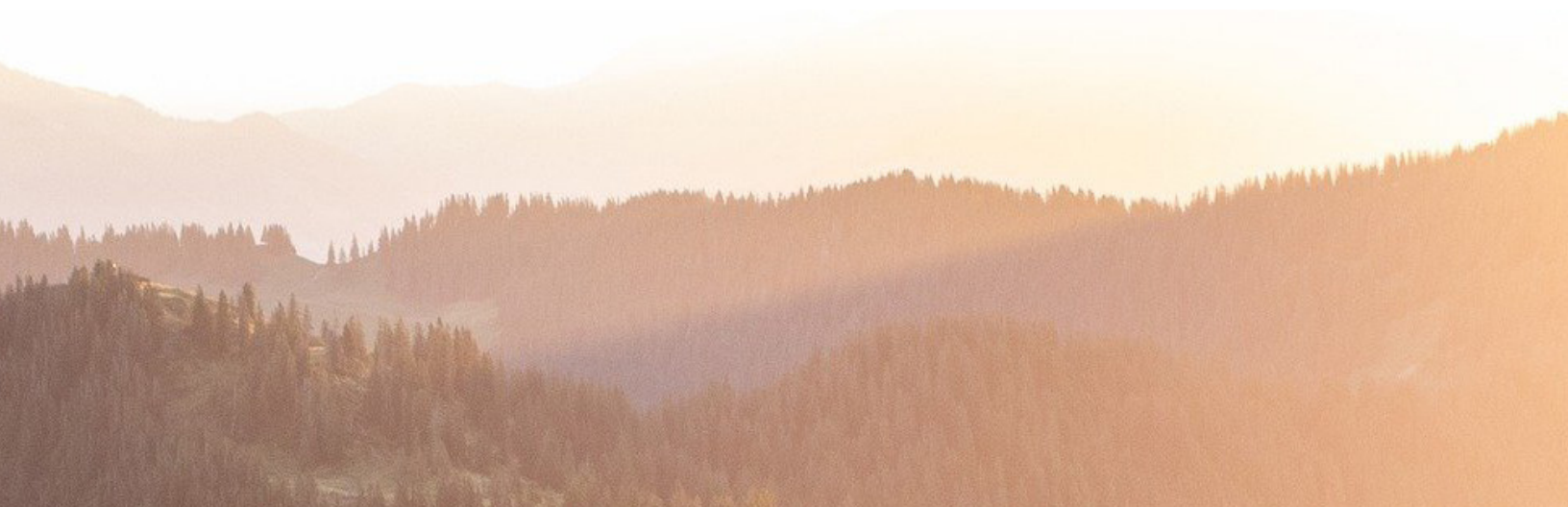
Establish a strong foundation for compliance data

By centralizing your data into one portal, the system gives you control to collect that information and push it to all relevant regulatory databases at a state or federal level. Once the data is brought in, the system is enabled to push that information to the appropriate databases. Concretely, all the facilities for a given program area are named accurately, with the right corporate information, and with the correct regulatory personnel. You only need to maintain that information comprehensively in one place.

Completing this critical step means no longer needing to manually access or update information in individual state and federal systems, which can be especially time-consuming.

Adding to the efficiency, should organizations acquire a new company and its facilities, change an emergency contact, change the corporate mailing address or update other similar information, changes or updates are logged centrally. The system then correspondingly makes those changes across all the different places in which data lives at a state and federal level.

**The value:** Get a single point of visibility and control for corporate, facility, and contact data for all regulated facilities. Technological research firm **Gartner** predicts that in 2022, 70% of organizations will rigorously track data quality levels, improving it by 60% to significantly reduce operational risks and costs.



STEP 2

# Establish Continuous Data Collection

Create a continuous data  
collection process



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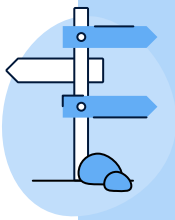
**The problem:** When data lives in different locations, such as spreadsheets, information is harder to obtain in a continuous manner.

Whether a cadence is daily, weekly, monthly, or longer, establishing continuous data collection processes is an important next step to Guided Environmental Compliance. This process involves working closely with your compliance leaders to establish and maintain relevant data pipelines. These pipelines may take a few different forms, including direct uploads, digital questionnaires completed by facility personnel, available integrations to existing data systems, and every possible occurrence that data is collected.

Where you once had countless spreadsheets being passed around via email and internal drives, **establishing a continuous data monitoring and collection process allows all relevant compliance data for each program area to be collected in a systematic and largely automated manner.** The end result? Data visibility and control, with less effort and fewer errors.

**The value:** Standardize the full data collection process across all locations, ensuring that needed data is collected in real time. According to **this study**, 66% of operations professionals cited automation as being key in reducing data errors.

### POINT OF INTEREST



Compliance programs are more successful when they track and manage data continuously across all four reporting **lifecycle stages**: Collection, Validation, Input, and Submissions.

STEP 3

# Automate Updates and Notifications

Automate updates and notifications to keep facilities in compliance on an ongoing basis

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Automate updates and notifications to keep facilities in compliance on an ongoing basis

***The problem:** For large enterprises with distributed facilities, keeping track of compliance updates and notifications specific to a facility on an ongoing basis can seem impossible.*

The next step of the Guided Environmental Compliance process is equally or even more important. After you've built a strong data foundation and ensured that each piece of data is collected continuously, it's important to establish how updates, notifications, and data changes will keep facilities in compliance on an ongoing basis.

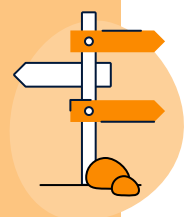
Facility information changes constantly, whether it's from a corporate, personnel, or regulatory perspective. **Naturally, then, the next step of the process is gathering and filing any necessary updates or changes on a continuous basis to keep enterprises in compliance, across any given program area.** Actions such as adding new emergency personnel, changing corporate mailing information, exceeding regulatory thresholds based on site data, and updates to EPA regulations are among common triggers for notifications.

Technology that utilizes rules-based triggers automates the process of catching necessary updates or notifications and submits them in the right format and with audit-ready documentation.

***The value:** Reduce the number of facilities that are behind or out-of-date on compliance updates and notifications by 98%, so the facility foundation remains strong at all times.*

### POINT OF INTEREST

Outdated or incorrect facility contact information is one of the **most common errors** for compliance reporting.



**STEP 4**

# **Automate Your Compliance Reporting**

Confidently file compliance reports  
to various regulatory agencies

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## Automate Your Compliance Reporting

Confidently file compliance reports to various regulatory agencies

***The problem:** While compliance data and reports should undergo a QA/QC process, report submissions are often hurried to meet due dates and the process goes unchecked. Are reports going to the right agencies? In the right format? With the right data?*

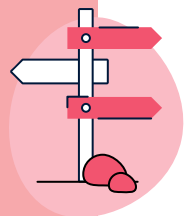
At a cadence determined by the regulatory program area, facilities must file compliance reports to various regulatory agencies at the federal, state, and local level. Agencies primarily include the EPA, state agencies like state environmental agencies or State Emergency Response Commissions (SERCs), and local agencies such as Local Emergency Planning Committees (LEPCs) or county agencies.

Based on setting a good data foundation, capturing all relevant information, and making sure all changes are accounted for, the next and most important step is filing compliance reports. **Since all your data and reporting information are now centralized in one system, you are also able to have a complete and audit-ready record within reach.**

***The value:** Reduce the time to complete and file compliance reports by more than 90% and eliminate 100% of errors before they occur.*

### POINT OF INTEREST

Automate compliance reporting and submissions to all 50 states and U.S. territories.



### COMPLIANCE TIP

In addition to SERCs and LEPCs, City/County reporting requirements can also apply in certain states. A **helpful tip** is to confirm such requirements via each state's SERC and LEPC meeting minutes. The **[EPA's State Tier II Reporting Requirements and Procedures web page](#)** is a good confirmation starting point.



**STEP 5**

# Unify Your Compliance Programs

Build a sound foundation and transform your environmental program into an auditable and continuous process

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Build a sound foundation and transform your environmental compliance program into an auditable and continuous process

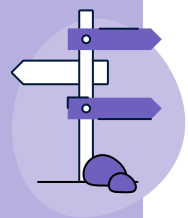
**The problem:** *Multiple facilities, siloed data systems and spreadsheets, non-standardized processes for data collection, data management and reporting, and no ability to connect disjointed compliance program functions. A lack of visibility and control only compounds all of these shortcomings.*

Now that you're done transforming a particular compliance program area, the next step is to expand into another program area and lay the foundations there. **This approach has allowed enterprises and leading compliance teams to transform their environmental compliance program across different program areas, such as EPCRA and RCRA, into an auditable and continuous process over time.** More importantly, it ensures accuracy and mitigates non-compliance risk throughout the entire data process.

**The value:** *Implement a strong digital structure in the form of technology that connects compliance operations, expands to meet program area needs, and scales to meet the needs of growing organizations.*

### POINT OF INTEREST

A portion of all our revenue is allocated to planting trees around the world, helping sequester carbon from that atmosphere and promote human and environmental health.



# The Next Steps

## Our Continuing Vision

Encamp is on a mission to create a world where good for business can equal good for the environment. By making environmental compliance faster, simpler, and more accurate, we align incentives between regulated industry, regulators, and the public.

Going forward, this will continue to make for a healthier and safer environment. It will reduce compliance costs and risk for businesses. Most of all, it will provide regulators the data that's critical to effectively achieving public policy goals to protect the world in which we live.

### What lies ahead for compliance?

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I don't think anyone should be surprised to see additional climate regulations come into existence and have an impact on compliance. Companies that are already prioritizing improvements to the way they manage their data will have an advantage as others struggle to catch up.

**Dan Smedema** –  
Co-founder & Senior Software Engineer



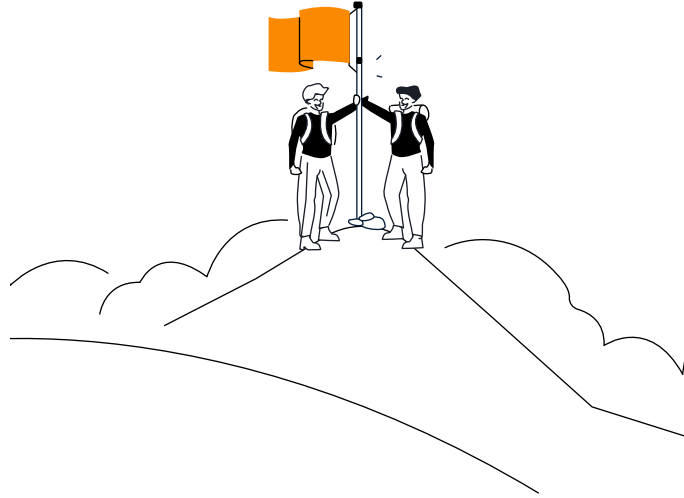


## Some Things to Think About

We hope you see this book as a starting point to transform your environmental compliance operations. When you're ready to take the next step, our team of compliance specialists and tech experts are here to help you.

Meantime, ask yourself a few questions. We want to help you answer them.

- ▶ Which program area is the most challenging to you right now?
- ▶ Which program area isn't as challenging, but is taking up lots of your time or preventing you from focusing on your highest leverage program?
- ▶ How do you handle change management for data collection needs?
- ▶ How do you analyze data to make decisions about your environmental compliance program?
- ▶ Can you see all your facility lists in one place, broken down by their program areas or even just a comprehensive list?



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Speak to an Encamp Specialist  
and learn more: [encamp.com](https://encamp.com)