

Canbriam Energy Increases HSE Team Productivity by 50% and Demonstrates Compliance by Using Energy Success Platform (ESP)

When spreadsheet tracking and manual processes hindered Canbriam's ability to gain key insights into its HSE program they standardized processes, created efficiencies, expanded collaboration and drove accountability using the Energy Success Platform solution.

Canbriam Energy Inc. is a private exploration company focused on finding and developing over-pressured, liquids rich natural gas resources in the Western Canadian Sedimentary Basin. Canbriam was founded on the idea that an integrated approach where great people in their individual disciplines collaborate to achieve common objectives and continuously improve results. Canbriam's strategy and its culture are centered on this idea. **Canbriam creates value for its shareholders by applying the most relevant technologies while collaborating and integrating disciplines.**

Challenges

Disconnected Processes and Data Impeded HSE Program Improvement

Incident reports were submitted and summary data was entered into a spreadsheet for tracking purposes. The appropriate people were not always notified in a timely manner and the spreadsheet was not easily accessible by many people within the organization. Discussion of the incidents was limited, and the learnings and corrective actions were often not communicated across the organization. Near miss and hazard ID's were being tracked and analyzed in another spreadsheet. There was no meaningful visibility into the causes of HSE events, and it was very difficult to identify learnings which could help improve safety performance.

No Tool to Analyze HSE Reporting and Trends

Lacking an effective way to track events, Canbriam had minimal ability to generate analytics to measure their HSE program. The critical information required to properly assess HSE incidents was not easily accessible. Each quarter, hours of manual effort were required to aggregate the HSE data for corporate reporting. Canbriam desired a tool to store HSE incident data, analyze trends in the data, and facilitate effective learnings and corrective actions. However, a single tool or system was not readily available to fulfil Canbriam's needs.



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AT A GLANCE

THE ESP SOLUTION

- Customized System to Manage HSE Events and Workflows in Real Time
- Dashboards Support Knowledge Sharing Across the Organization
- Ease of Implementation

BENEFITS

- HSE Team is 50% More Productive by Using ESP
- ESP Drives Accountability Throughout Organization
- Efficiency and Transparency Gained Through Technology
- Expanded HSE Reporting Through Standardization

PROCESSES NOW IN ESP

- Incidents
- Near Misses/Hazard ID's
- Government Inspections
- Corrective Actions
- Inactive Wells & Pipelines
- Road Infractions
- Approvals

The ESP Solution

Canbriam was already implementing Energy Success Platform to manage their well and facility delivery processes and decided to look at what the work management solution provided for HSE. Canbriam appreciated the fact that ESP was designed to manage work and data all in one place, and that there was flexibility to customize the system to match Canbriam’s specific requirements. **The system allowed Canbriam to take multiple spreadsheets, migrate them into one solution and then analyze the data to make improvements to their HSE program.**

Move from spreadsheets to a powerful data analytics tool efficiently, and cost effectively

- ### Customized System to Manage HSE Workflows in Real-time

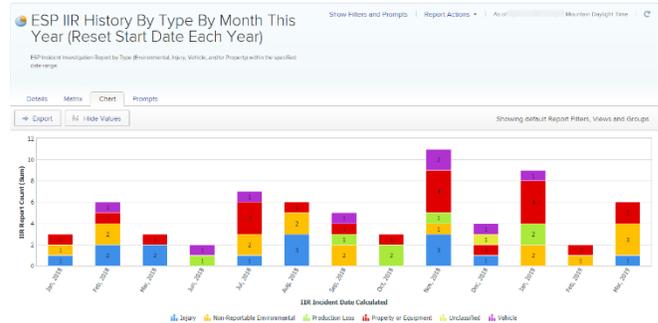
Canbriam initially desired a solution to only track incident reports. However, they quickly realized that all HSE events could be tracked in one place and configured specifically to the needs of the organization. Incidents, hazard ID’s, near misses, regulatory inspections, road monitoring compliance, approvals, related documents and inactive well management are now in one place. This eliminated spreadsheets, notes, email and manual process to collect and analyze data.

- ### Dashboards Support Knowledge Sharing Across the Organization

ESP dashboards provided executives with complete visibility into HSE events. Reports presented the latest data using common web browsers. Executives, managers, and team members can drill into the details of each event and managers can identify what needs to be addressed. HSE statistics are automatically calculated and can be used to impact real change. ESP provided the ability to efficiently navigate through large volumes of HSE data, and efficiently report and apply learnings.

- ### Ease of Implementation

Canbriam realized a more mature way of managing their overall HSE and liability program by implementing ESP. They were most impressed with how easy it was to implement. In just a few days Canbriam had moved from spreadsheets into a system with their historical data populated. The speed of implementation ensured that key stakeholders remained fully engaged. The ability for ESP to be modified on the fly gave confidence to all involved. Canbriam continues to find even further efficiencies by centralizing more processes within ESP.



Issue Priority	Issue	Issue Pin	Issue Status	Actual Completion Date	Issue Assignment	Approval Status	Approvers and Status	Age from Last Update	Issue Status Icons
Normal	Inspection No. 05327482-001 Harold Ellis Road	24 Hours	Closed - Pending Approval			CLS	Approved: HSE Approval, HSE User Awaiting Approval	1.5 Days	
Normal	Casting failure when testing at second connection @ 26.6 mKB	24 Hours	Closed - Pending Approval			CLS	Approved: HSE Approval, HSE User Awaiting Approval	14.2 Days	



Benefits

- HSE Team is 50% More Productive by Using ESP**
 Field staff enter HSE events directly into ESP. Management are automatically notified when new events are entered. HSE reports are automatically refreshed as data is entered or updated. Staff no longer spend time consolidating the data into presentations for executive or board reporting, they just show the live reports directly in ESP. As Canbriam has grown more familiar with capturing HSE events in ESP, they have also expanded the number of safety and compliance workflows being handled by ESP. Each additional workflow brought into ESP has reduced the administrative effort at Canbriam, increased the accuracy of the underlying data, and ultimately has opened opportunities for Canbriam to proactively analyze and improve their HSE program across the whole organization.
- ESP Drives Accountability Throughout Organization**
 Having the HSE data in a central location with live dashboards to show them what is done and what is still outstanding has driven real accountability within Canbriam. Being able to perform instant analysis allows the Canbriam team to not only see high-level categorization of events, but also drill down to every aspect (even the pictures and documents) of an event including immediate and root causes of what we are trying to address. The formal approval process also allows key members of the team to review an event and offer instant feedback of their evaluation. Canbriam utilizes ESP's HSE module to support its entire HSE program, as well as a tool to facilitates HSE meetings and field calls.
- Efficiency and Transparency Gained Through Technology**
 Not only has the process improved significantly, but the data and learnings have become visible across Canbriam's organization. This also offers major efficiency gains for the organization, which allows Canbriam to spend more time analyzing data, and less time entering it. ESP also offers significant time saving and convenience when reviewing and approving corrective actions. The mobile app makes it convenient to review and approve events. The improved efficiency and transparency resulted in a step change in what Canbriam was able to provide for analysis, and in turn were able to make demonstrable improvements to health, safety and environment.
- Expanded HSE Reporting Through Standardization**
 By moving to a central system, Canbriam was able to achieve significantly higher consistency in the classification and details captured in each of the HSE events as compared to spreadsheets. As a result, many types of HSE reporting and analysis became possible that had previously been either too labour intensive or impractical because of inconsistency in the underlying data. This central system also streamlined the notifications to management, and corresponding approval, rejection and corrective action processes. Management are now informed as soon as events are reported, and whenever appropriate can participate with accurate information immediately at their disposal.

Beyond the benefits listed above is what the system has been able to provide for Canbriam's HSE culture. The engagement in the system combined with the visibility, accountability and collaboration have provided an energy around the program that is helping drive it forward into the future.

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