

# STANDARDIZING RISK MONITORING AT A GLOBAL INDUSTRIAL CONGLOMERATE

**Achieving EHS Operational  
Excellence using the FUSE Platform**



***Being able to benchmark ergonomic safety across any cohort - whether it's individual, job function or even facility - has been really beneficial for us in spotting outliers. We now know who needs our time and attention via leading indicator data. Not to mention, this platform has enabled direct and timely conversations hinged on that data, promoting a positive safety culture and most importantly, accountability."***

**— Digital Acceleration Lead, EHS**

## INTRODUCTION

Consisting of 8 key business units that manufacture everything from jet engines to light bulbs, this industrial conglomerate is known as a global leader in the "brilliant factory" concept, innovating towards Industry 4.0 and a connected workforce. Its reach is vast and impacts the lives of millions of people worldwide - for example, the company equips 90 percent of transmission utilities globally, powers two-thirds of commercial

aircraft departures, and generates 400+ GW of renewable energy annually through the thousands of wind turbines it has produced. With hundreds of thousands of associates across the globe tasked with using their bodies to build parts and handle materials on a daily basis, physical injury is an ever-present risk.

# SITUATION

With the cost of an increasing incidence rate directly impacting the bottom line, the company needed a way to standardize the measurement and mitigation of ergonomic and environmental risks throughout its diversified set of businesses. Most importantly, in keeping with its mantra of using data to achieve

operational excellence, it needed a solution that delivered leading-indicator risk data that could be married to existing operational data sets and was implemented easily, simple to maintain and scalable.

# SOLUTION

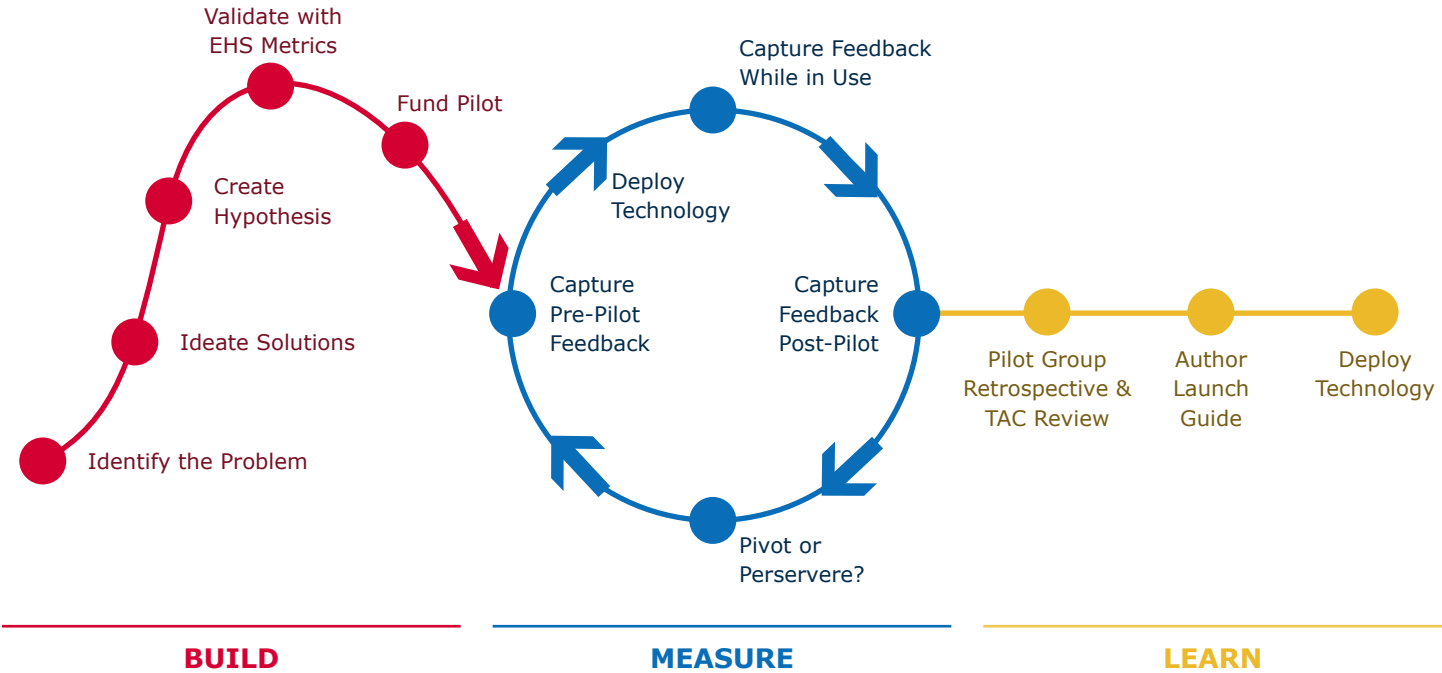
Before the company deploys any new technology at scale, it goes through a rigorous testing process and also pilots a range of competitive products to ensure it chooses the best solution for the problem at hand.

Testing of FUSE was no exception, especially considering the need to standardize across its businesses. As such, the company deployed FUSE to six facility locations across four strategic business units, targeting 61 unique job functions and over 550 associates for the initial pilot.

Specifically, FUSE was deployed to collect ergonomic and environmental data, calculating individual associate Safety Scores - a comprehensive, actionable ergonomic risk metric ranging from 0-100 - and aggregate shift and job function risk data accessible within an easy to understand and customizable suite of analytics.

Ultimately, the FUSE Platform helped EHS leadership identify ergonomic hazards before they could cause injuries through a far-less resource intensive approach.

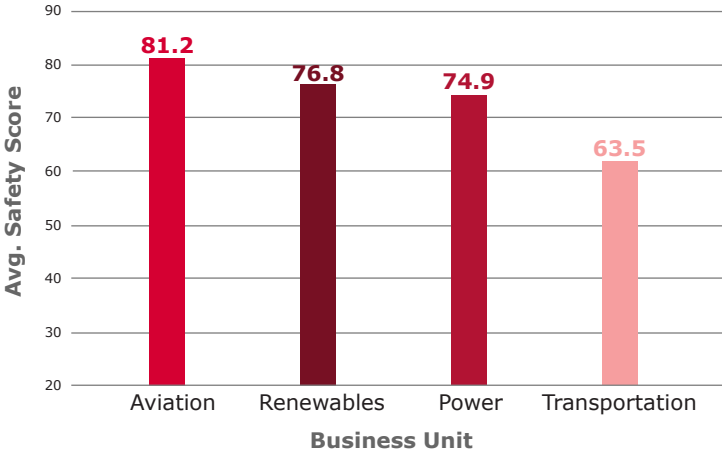
## THE PILOT PROGRAM PROCESS



# BENEFIT

The FUSE Platform represents a standard solution that works across all business units and job types, enabling the individual businesses to benchmark facilities against each other and subsequently corporate leadership to benchmark the businesses.

Furthermore, FUSE provides improved clarity around the root causes of ergonomic risk, resulting in insights that drive intervention to prevent injuries before they occur. The result is a significant reduction in the turnaround time between hazard recognition, intervention deployment, and verification of the removal of risk.



# SUCCESS

- 4** Business Units
- 61** Unique Job Functions
- 2+** Injuries Prevented for Every 100 Associates
- 306%** Average ROI

**“***Our sites are really competitive with each other. I love when our manager discusses our facility Safety Scores compared to our sister sites - we’re always on top. Not only are we one of the more productive locations, but we’re also one of the safest - and I like knowing I’m contributing to that by wearing this little device.”*  
**– Associate, Transportation**

Across the board, the program was a success. Of the over 60 leading-edge EHS technology solutions rigorously tested to date by the company, FUSE was one of only three that moved to the global procurement stage with an official "launch guide" provided to all the senior-level executives in the supply chain, operations and safety departments of each business unit.

With more than 500 associates engaged in the United States and Europe, and nearly 150,000 hours of ergonomic data collected during the initial program, the FUSE Platform enabled facility

and EHS managers to understand and implement precise safety solutions and define safety benchmarks down to the individual level.

The aggregate result was profound: Two injuries were prevented per 100 associates per year across the pilot facilities, translating to a 306% ROI for all participating sites.