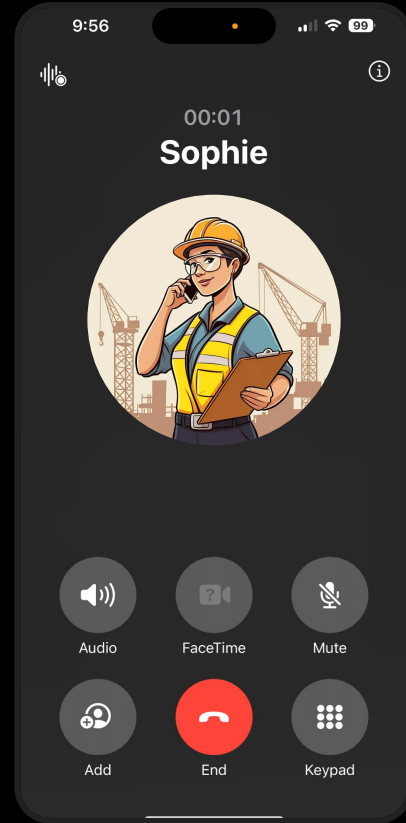


AI Safety Assistants

Featuring *Sophie*

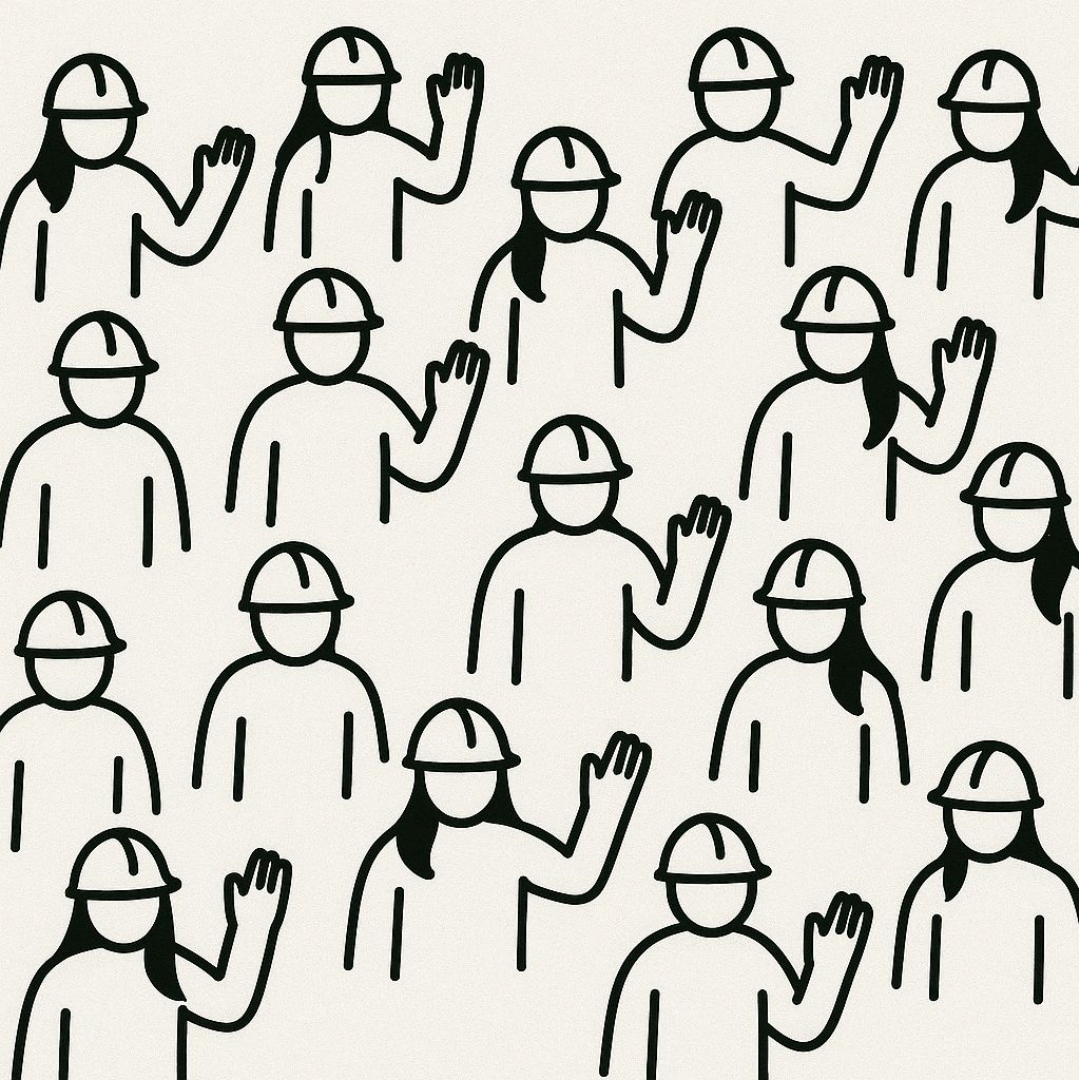
At your service 24/7.





Brady Keene, MS, CSP, CHST, STSC 

KSC: Department Chair - Safety and Construction Sciences
WorkWISE NH - Program Manager
StepoAI: COO & Head of Safety



25%

of safety professionals are
expected to retire within the
next decade (BLS)

18,200

projected openings for occupational health and safety specialists and technicians each year (BLS)

800

undergraduates annually (KSC Study)



State of the OSH Profession

Summary

Quick Facts: Occupational Health and Safety Specialists and Technicians	
2024 Median Pay ?	\$78,900 per year \$37.93 per hour
Typical Entry-Level Education ?	See How to Become One
Work Experience in a Related Occupation ?	None
On-the-job Training ?	See How to Become One
Number of Jobs, 2023 ?	153,500
Job Outlook, 2023-33 ?	14% (Much faster than average)
Employment Change, 2023-33 ?	21,900

Preventing Burnout: Strategies for EHS Professionals to Thrive



Subena Colligan, CIH, CSP 
Transforming Safety Ecosystems



r/SafetyProfessionals • 10 mo. ago
SlothRule



EHS Burnout

This is the third company I have managed EHS and I'm burnt out. I don't know if it's just the companies I'm coming across or the inevitable, but sometimes I hear about companies where safety is truly put first.

I know I can't be the only one that feels in a silo when I'm onsite. Mostly venting here, but those who left safety, where did you go?



r/SafetyProfessionals • 7 mo. ago
Top_Avocado1559

Burnout and horrible treatment

Job Burnout among Safety Professionals

[Bing Wang](#)^{1,2,3}, [Yuanjie Wang](#)^{1,2,3,*}

What other problems
are we facing?

Documentation Problem

Safety professionals are drowning in data...

Over 30% of their time is spent on documentation and admin tasks

Teams lose thousands of hours each year to inefficient tools and manual processes, hurting productivity and making safety uncool!

The screenshot shows a web application interface for creating a new inspection. On the left is a dark sidebar with a menu including: Georgia, DASHBOARD, EMPLOYERS, PERSONNEL, PERMITS, BOOKINGS, JHAs, SDS, SAFETY PLAN, MEETINGS, INJURY, INCIDENTS, EQUIPMENT, BULLETINS, INSPECTIONS, and ISSUES. The main content area is titled 'Inspections / Create New' and contains several sections: 'Inspection Type' with dropdowns for 'Inspection Category' (Site Walk) and 'Inspection Type' (Daily Prestart Inspection); 'Inspection Description' with a text field containing 'Supervisor Site Walk with trades'; and 'Additional Options' with a section for 'Employer Details (If Applicable)' where the 'Employer' is set to 'George's Excavation Services'. At the bottom, there is a field for 'Location (If Applicable)'.

The screenshot shows a user management interface. At the top, there are input fields for 'ID', 'Phone number', 'Email', and 'Address', along with a 'Status' dropdown. Below these is a 'Users' section with a search bar and an 'Add Users' button. The main part of the interface is a table listing users with the following columns: Name, Email, Seat type, Status, and Last seen. The table contains 8 rows of user data.

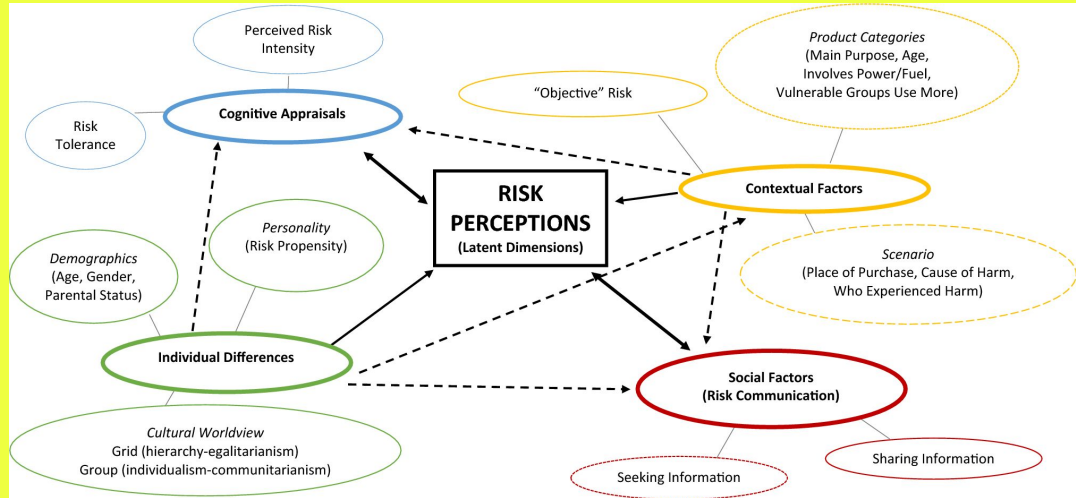
Name	Email	Seat type	Status	Last seen
OM Office Manager	[redacted]	Full	Active	Online now
BM Barista Manager	[redacted]	Full	Active	Online now
LP Lynn Pearl	[redacted]	Guest	Active	Online now
JB John Gusto	[redacted]	Full	Active	Online now
JD Jane Drew	[redacted]	Full	Active	Online now
PA Phoebe Abrams	[redacted]	Full	Active	Online now
JD John Doe	[redacted]	Full	Active	Online now
JD Jane Douglas	[redacted]	Full	Active	Unknown

Data Consistency Problem

Everyone sees risk differently.

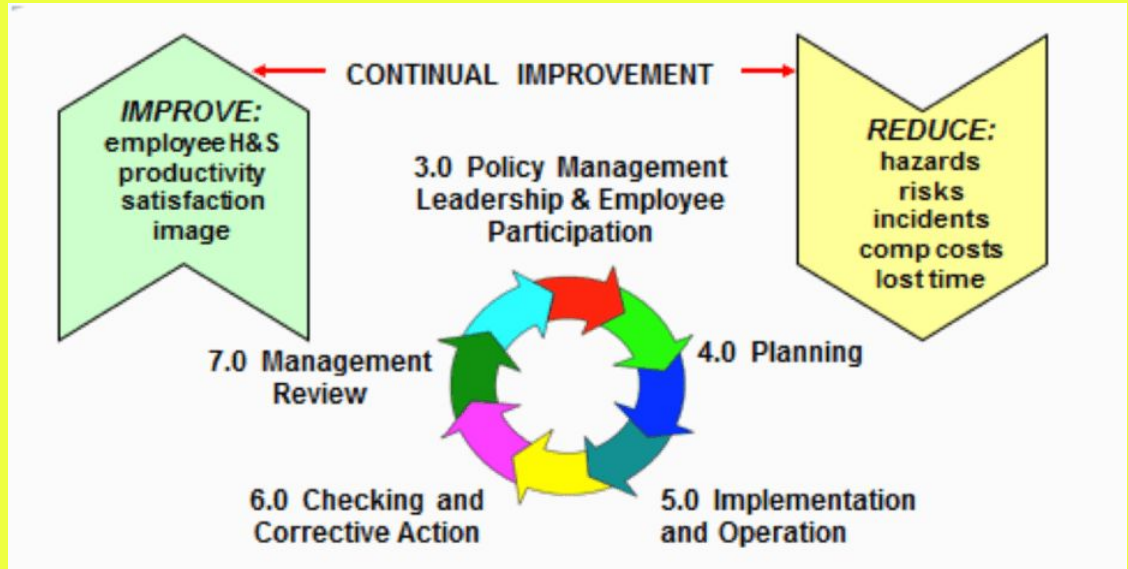
Some team members complete detailed observations. Some do the bare minimum. Others skip them entirely.

Incident reports may be over-documented at one site and under-reported at another.

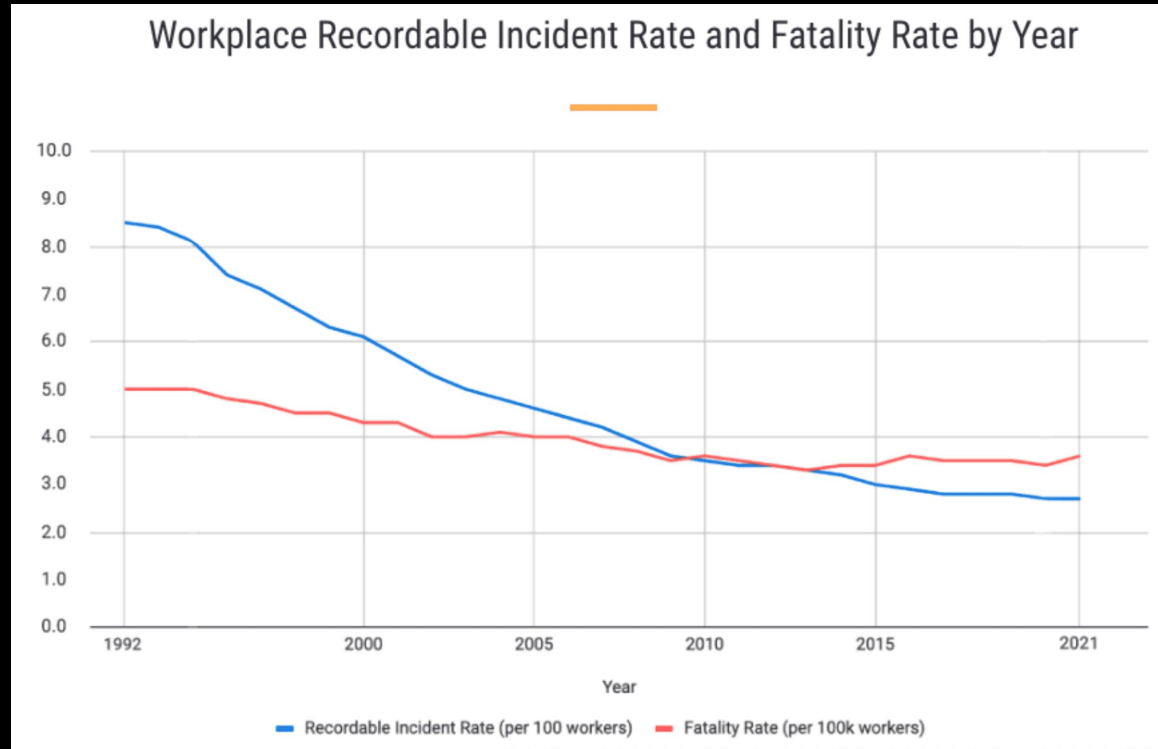


Safety is boring, complex and largely inaccessible

Standards
Internal Policy
Federal Law
State Law
City Law
Language Gaps
Literacy
Culture
Best Practices

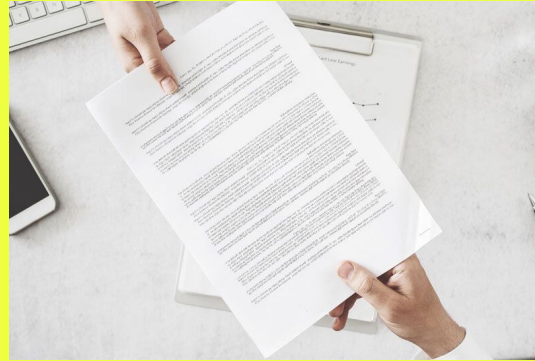
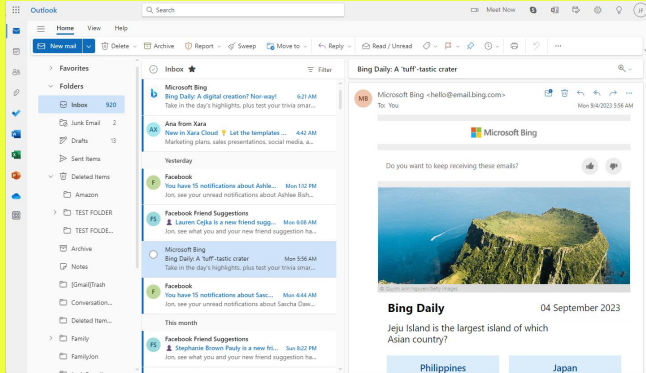


SIFs



Can AI come to the rescue?

What are we using AI for?







Gemini

There's more to AI
than the few big
names...

Annual private investment in artificial intelligence

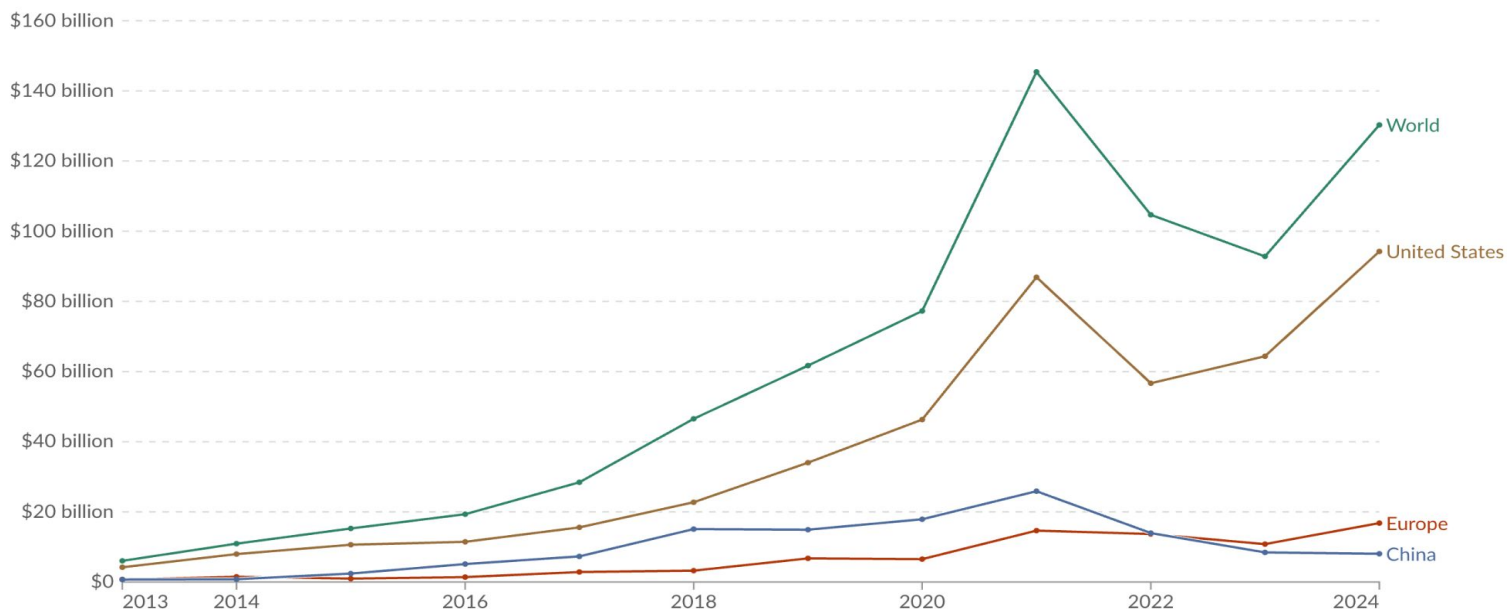
Our World
in Data

Includes companies that received more than \$1.5 million in investment. This data is expressed in US dollars, adjusted for inflation.

Table

Chart

Settings



Where should AI and OSH meet?

What if I told you
you didn't need to
spend time
creating these
anymore...

Incident/Accident Reports
Observation Reports
Corrective Action Reports
Safety Inspection Checklists
Hazard Assessment Forms
Training Records
Safety Meeting Minutes
Permit-to-Work Forms
Equipment Maintenance Logs
Chemical Inventory/SDS Updates
Safety Audit Reports
Health and Safety Policy Acknowledgment Forms
Daily Safety Logs

If I told you you could have 10-20
hours of your week back...

What would you do?

Your friendly AI Assistant that can answer questions from company safety manuals and regulations, capture consistent safety records such as inspections 15X faster and streamline your admin tasks.

Meet *Sophie*



Sophie makes Safety Fun, Easy and Accessible

This is just the beginning...



Thank you!

Scan this QR code to learn more about *Sophie*.



<https://stepo.ai>

| brady@stepo.ai