

1 Collaborative Safety: What Is Safety Science?

- An evidenced based approach to understanding everyday work, performance outcomes, critical incidents, and organizational culture within complex systems
- In this approach, we ask how our system can improve, rather than who we can blame



2 Safety Science in Practice

- Safety Science is used in industries such as aviation, healthcare, and nuclear power
- Industries that use safety science are committed to giving employees a voice to understand how their systems can improve
- To give employees a voice, trust must be built across all levels of the organization
- This trust moves the organization from a culture of blame to a culture of system accountability



3 Goals of Safety Science

- Establish an atmosphere where everyone feels safe to discuss challenges and vulnerabilities within the system without the fear of retaliation
- Create an organization dedicated to learning and improving
- Increase staff engagement, morale, and retention
- Improve outcomes for clients

