

Developing a Sound Process Safety Culture: A Persistent and Hard Work

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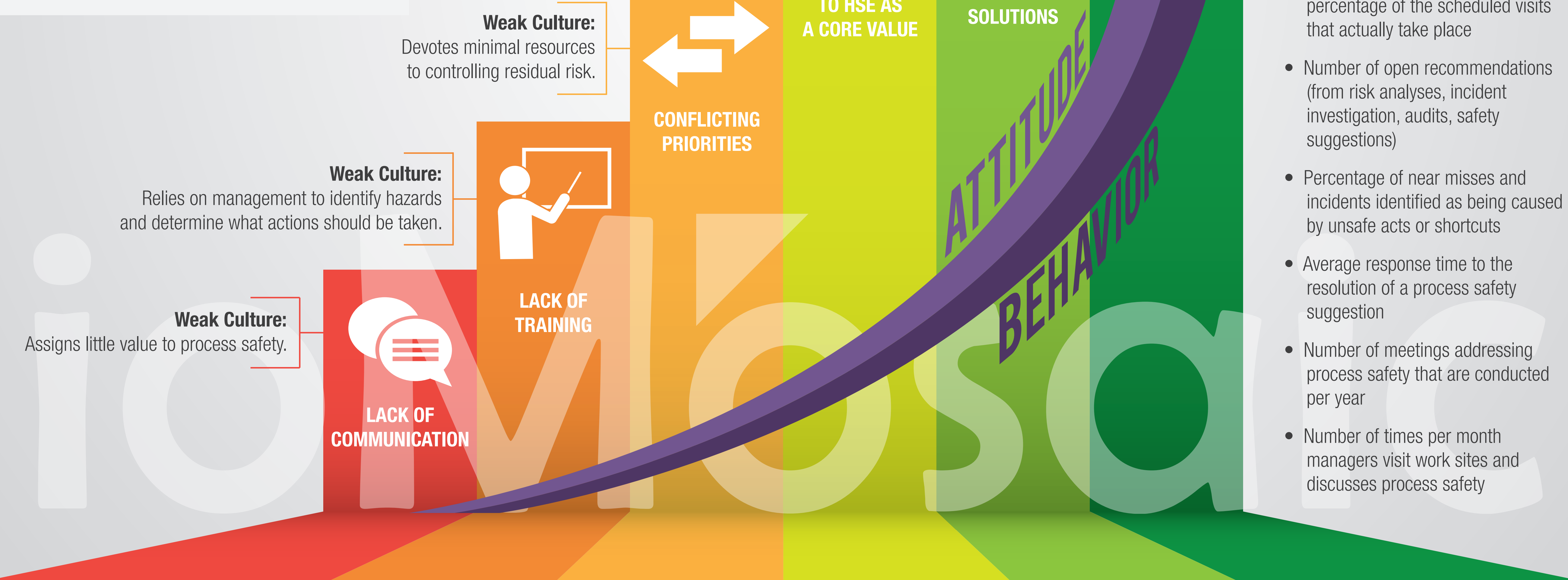
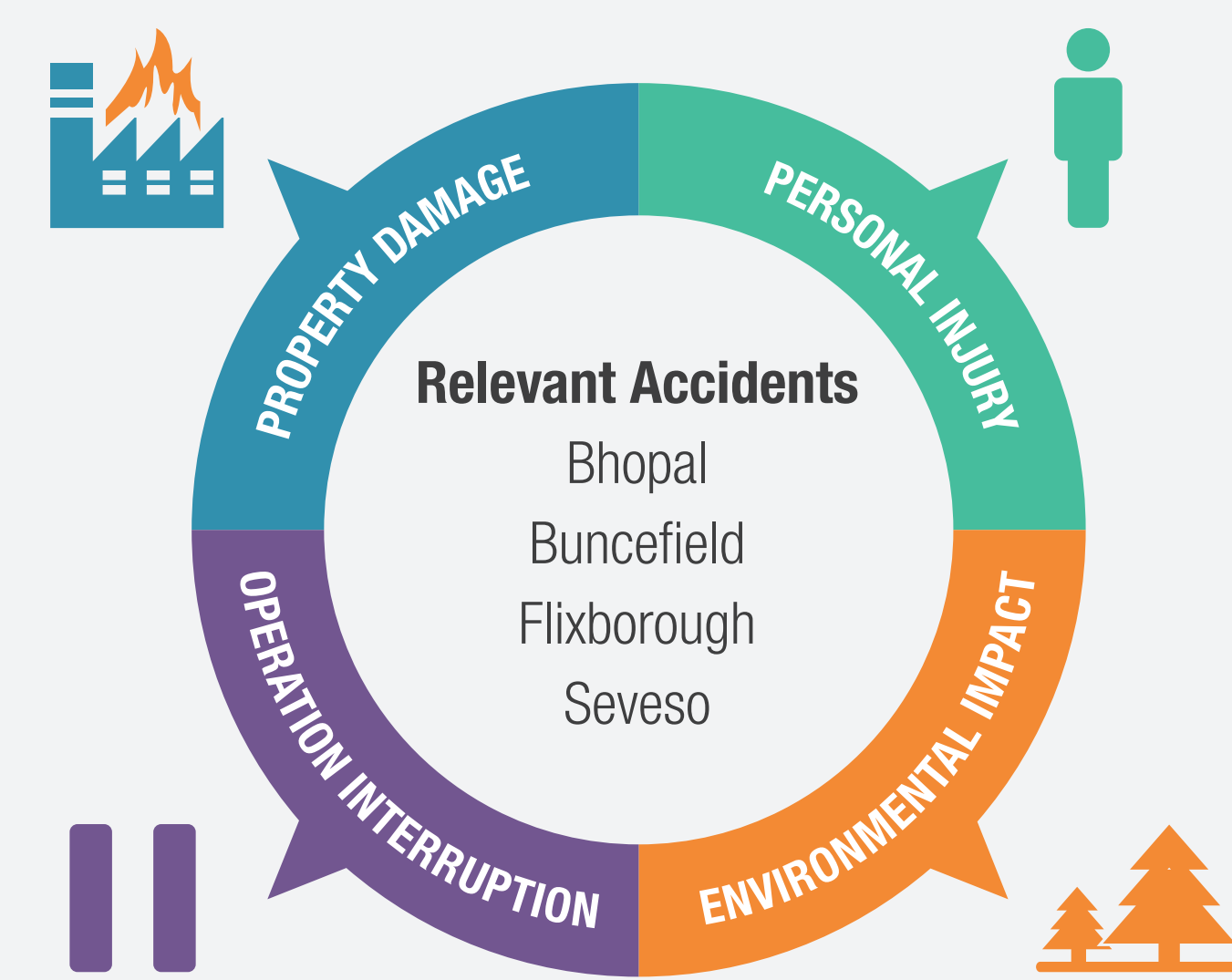
Abstract

A safe workplace requires that everyone in the facility pay attention to both process and occupational safety. A strong safety program recognizes that safety culture and attitude, i.e., operational discipline and safe work practices, are essential for minimizing risk and maximizing potential. Developing a sound process safety culture, i.e., an ongoing process that requires persistence and hard work, is the key for success. The main purpose of the present paper is to illustrate key performance indicators (KPI) intended to identify process safety culture weaknesses, and to provide guidance and criteria to ensure a sound process safety culture implementation. Tools, guidelines and criteria are provided for guarantying a positive attitude and behavior by conducting interviews to plant personnel and management. Proper housekeeping, operational discipline, communication and training are addressed.

What are we dealing with?



What are we trying to avoid?



Conclusions

Your SAFETY culture can't change until your ATTITUDE and BEHAVIOR about safety changes. It is a development process - it takes time and a lot of PERSISTENT, hard work.

The keys to effectively managing a sound process safety culture for health and safety are:

- Leadership and management commitment
- A trained / skilled workforce
- An environment where people are trusted and involved

Effective Safety Culture

- Differentiates safe from unsafe sites and workplaces
- Determines whether a safety management system is effective or not
- Heavily influences behaviors in the workplace
- Ultimately determines overall safety performance

Conclusion and Path Forward

- Build safety culture competency
- Change attitude
- Management commitment and leadership are essential to achieve improvements
- Management of risks begins with knowledge and understanding the process technology
- Successful management-labor relationships and employee involvement are essential