

What is Process Safety?

and

Why is it important to your organisation?



PSF

Process Safety Forum

www.p-s-f.org.uk





- **Process Safety** is a disciplined framework for managing the integrity of operating systems and processes handling hazardous substances by applying good design principles, engineering, and operating practices.
- Promotes the sharing of safe engineering and design principles, safe operating practices, proper preventing controls and safe optimisation of processes (eg. chemical, physical, biological) that have the potential to cause harm by uncontrollably releasing hazardous materials (loss of containment) or energy (explosion or fire).



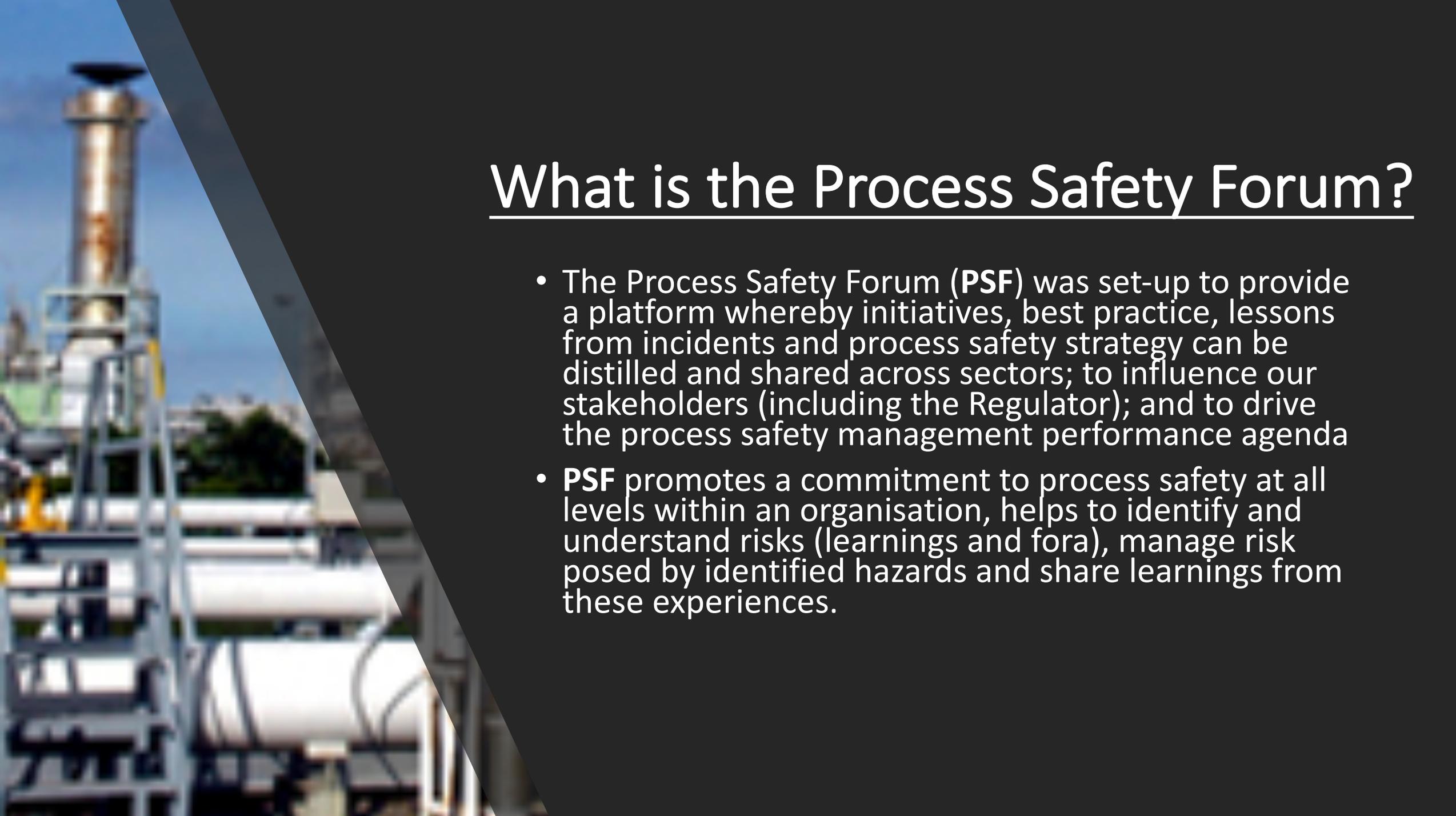
- **Process safety** involves making sure facilities are well designed, safely operated and properly maintained to prevent leaks, fires, explosions and technical failures.
- **Process Safety** aims to assist staff at all levels in an organisation to develop or improve their knowledge of **process safety**, hazards, risk and their subsequent management.



- **Process Safety** applies equally to relatively simple processes to those more complex procedures typically seen within oil refineries and chemical processing plants.
- A simple process performed poorly has just as much potential to cause a significant incident as a complex process at a major installation.



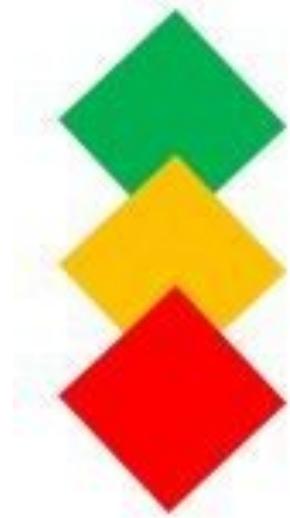
- **Process Safety** aims to assist staff at all levels in an organisation to develop or improve their knowledge of **Process Safety**, hazards, risk and their subsequent management.
- The risks associated with **Process Safety** are diverse, but the benefits that arise from careful management are extensive, having a positive direct impact on an organisation.



What is the Process Safety Forum?

- The Process Safety Forum (PSF) was set-up to provide a platform whereby initiatives, best practice, lessons from incidents and process safety strategy can be distilled and shared across sectors; to influence our stakeholders (including the Regulator); and to drive the process safety management performance agenda
- **PSF** promotes a commitment to process safety at all levels within an organisation, helps to identify and understand risks (learnings and fora), manage risk posed by identified hazards and share learnings from these experiences.

- PSF develops **Learning Briefs** and **Safety Alerts** on previous incidents to improve awareness and ensure that we remember subsequent lessons learned.
- For further information on becoming a member of **PSF**, please visit us at <http://www.p-s-f.org.uk/>



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