



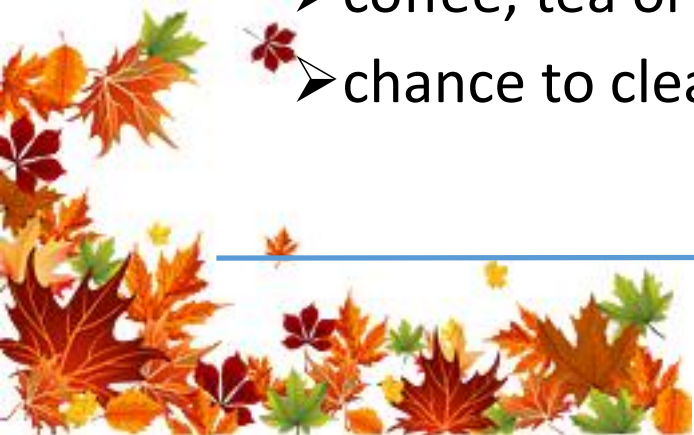
Overnight Thoughts

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Coffee / Tea Break

- ☕ importance of coffee breaks will never be understood by those who do not take it
 - science has proved them wrong
- ☕ psychologists and doctors noted that ability to manage stress levels is directly related to taking regular breaks
 - coffee, tea or chat with colleagues away from screen
 - chance to clear your head, increase work productivity



Coffee, Tea or ...

☕ then again... coffee itself is important too

- a cup of hot coffee can give an instant burst of energy as it contains caffeine
- if added cocoa (mocha, anyone ?), you get a chocolatey creamy taste... definitely boosts your mood

☕ great time to have relaxed conversation, meet people

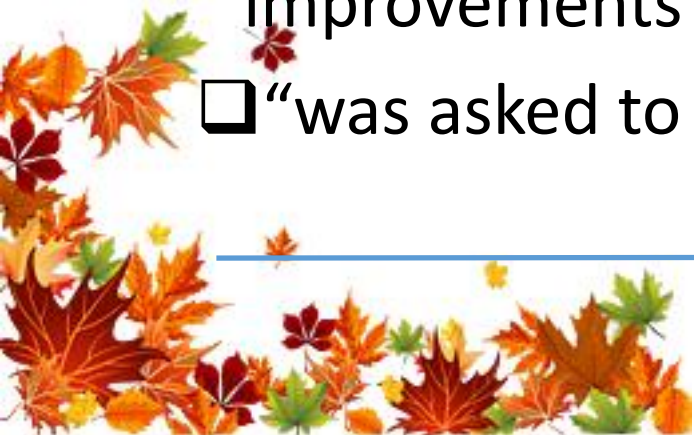


Everyone needs to take a break - it's human nature !







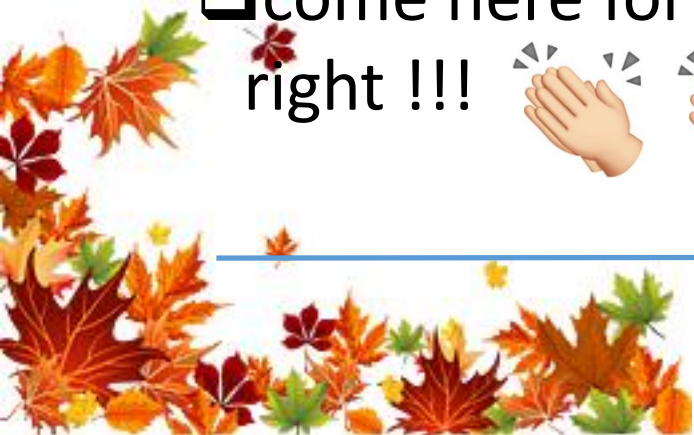
Why do you go to conferences ?

- keep abreast of latest developments, new ideas / approach
- meet / share with other people with common interests
 - opportunity for “career switch” perhaps ?
- personal motivation
- corporate career development, competency / knowledge building
- getting feedback on oral presentation / poster, suggestions for improvements on programme/activity
- “was asked to attend”BUT.... there are learning points !



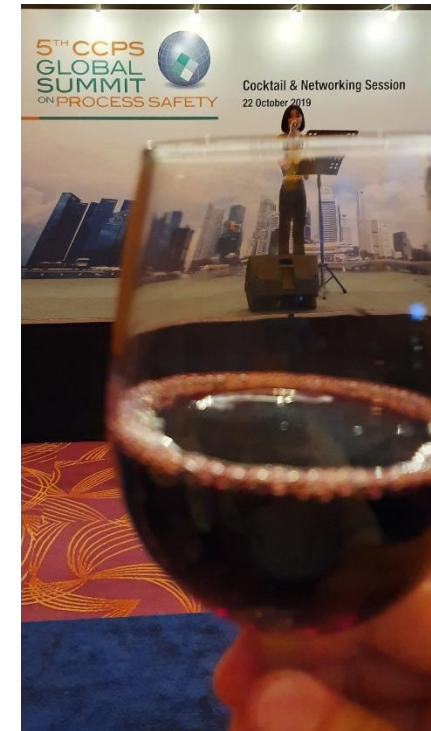
My personal observations

- ❑ (big mistake ?) I see people mixing with own colleagues or friends
 - “stressless”, but it means missing out on opportunity to build new connections
- ❑ keeping people in... not leaving halfway
- ❑ posting on social media – Facebook, Instagram – hey, it’s fun
 - ...and we create awareness of Process Safety 
- ❑ come here for the coffee (break) and food – at least we got the food right !!!   



What I learnt at dinner

- 🍎 people are more relaxed – SURELY
- 🍎 it's all about networking
 - 🟠 opportunity to see people you don't get a chance normally to
 - 🟠 opportunity to get to know someone new
- 🍎 usually “small talk”... it's perfectly all right (*or at least, I think so*)
- 🍎 side benefits – let your hair down, relax , FOOD
- 🍎 by the way, I enjoyed the Satay and Laksa (local food)



Now for the serious stuff – reflection time

- Welcome message by Mr. Zaqy Mohamad, MOS
(Minister of State assists Minister in the performance of their functions; Minister for Manpower eqv. to US Secretary of Labor)
 - Singapore adopted Safety Case regime with enactment of Workplace Safety & Health (Major Hazard Installations) Regulations on 1 Sep 2017
 - ✓ mirror closely *EU's Seveso Directives*
 - ✓ development of the regime was with close collaboration of regulatory authorities, led by Ministry of Manpower, and industry, led by Singapore Chemical Industry Council
 - particularly for delegates from Singapore - gazetting of the Workplace Safety & Health (Learning Report) Regulations 2019
*The **Learning Report** is to educate industry as soon as possible after a workplace incident to prevent recurrence, without having to wait for the conclusion of criminal proceedings.*

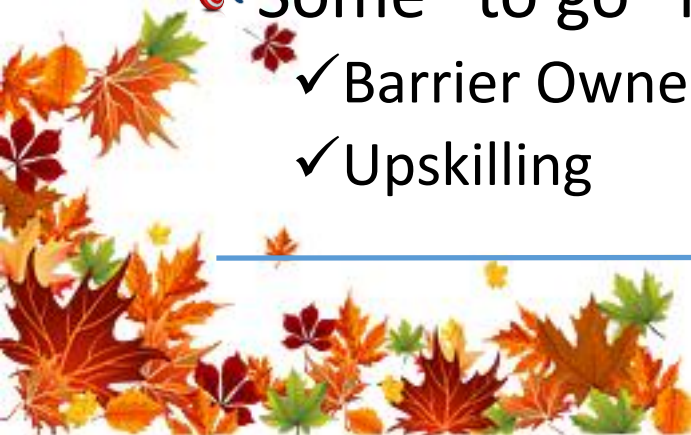
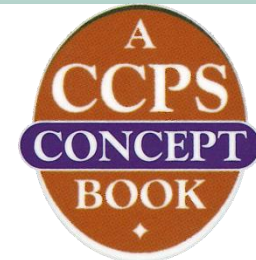


Process Safety Culture

- 🎯 Yesterday afternoon... 7 papers dedicated to culture
- 🎯 Culture... how is culture defined ??

“Safety culture is how the organization behaves when no one is watching.”

- 🎯 Why is Safety Culture so important ? Why is everyone talking about it ?
- 🎯 Some “to go” keywords
 - ✓ Barrier Ownership
 - ✓ Upskilling



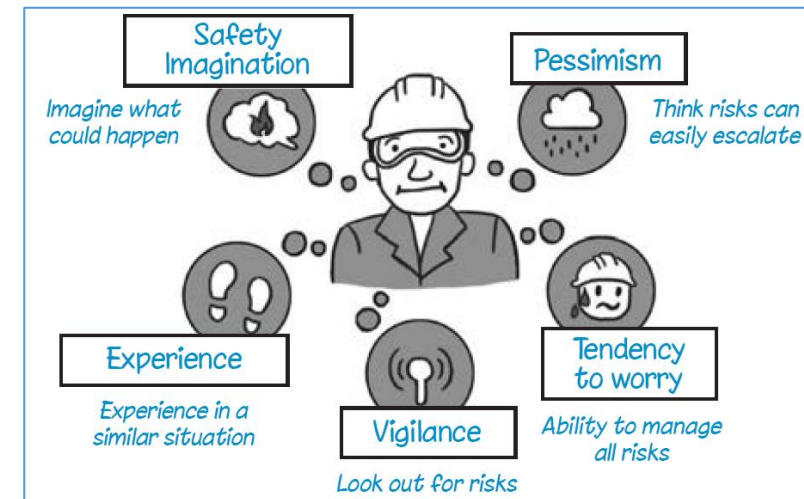
Process Safety Culture

🎯 Numerous incident investigations concluded that systems broke down, despite use of complex engineering and technical safeguards

- ✓ disasters not primarily caused by engineering failures, but by action or inaction of people running the systems

🎯 Some rules....

- ✓ Strong Leadership
- ✓ Foster Mutual Trust
- ✓ Ensure Open and Frank Communications
- ✓ Maintain a Sense of Vulnerability / “Chronic Unease”
- ✓ Normalization of Deviance



Process Safety Culture

... Leadership

- ✓ key role in realising high performance in safety
- ✓ creates and maintains... by leading the way

... then there is the WORKFORCE

- ✓ management has a key leadership role in establishing good safety culture; everybody must contribute

“Process safety is not something for the leader...and the safety experts to know; everybody in the workforce has to become more and more knowledgeable about understanding what the risks are, helping us to identify risks, and making sure that they understand and execute all of our procedures properly and consistently to avoid those risks.”
— Stephen Pryor, ExxonMobil Chemical

A good safety culture depends on everyone !



Enjoy your stay (*and food*) in Singapore

👍 and... keep in mind, the next “big thing”

Digital Transformation / Internet of Things

👍 transform Process Safety and Operational Risk Management

thank you



...before I go... a word of THANKS

*to the
people
behind
the
scene*

