"The influence of leader's behaviours in preventing Safety Incidents"

Research into 'as close as we can get'



Presentation based on PhD research by Victor Roggeveen Faculty Governance and Global Affairs (FGGA) Leiden University, The Netherlands



What we believe....

(or: How we perceive safety)

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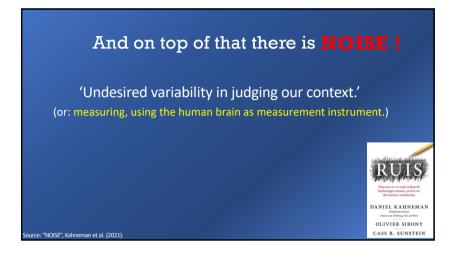


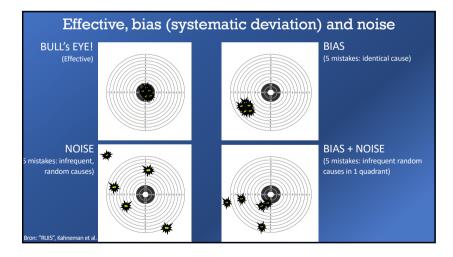


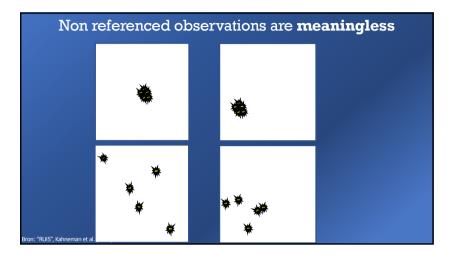


Our behaviours are seriously induced by our situational **CONTEXT**!

Physical climate Communication Housekeeping Procedures Work pressure Useability of tools etc.

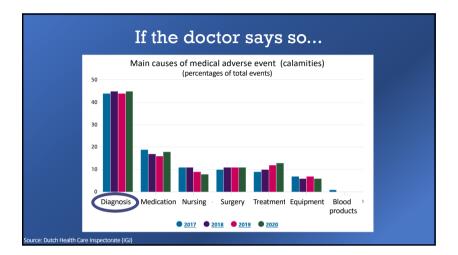






Symptoms of noise

- Objective vs subjective ignorance
 - Unknowns nobody could have known vs unknowns one could have known
- Intuition, gut feeling, judging
 - The higher positioned, the more self confident
- Respect experts vs real experts
 - If *he* says so, it must be true!



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WE VIOLATE BECAUSE:



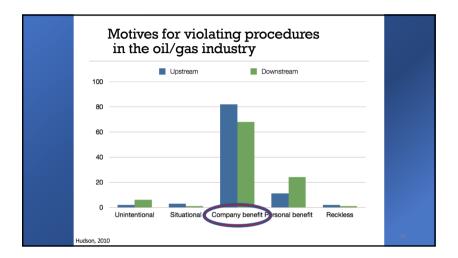
WE CAN'T UNDERSTAND THE NECESSITY OF COMPLIANCE,

RULES ETC. SOMETIMES OBSTRUCT 'SMOOTH OPERATIONS' ,

AND, SIMPLY, BECAUSE WE LIKE TO TAKE THE FASTEST WAY,

AND... EVERYONE VIOLATES,

BUT ALWAYS 'FOR THE CLUB'!

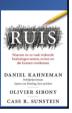


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- Causal reasoning
 - When a plausible scenario feels good, the cause has been found!

Causal reasoning stimulates noise

- An intense desire to 'clarify' an event leads to the construct of plausible stories.
- Who knew the 'knowable unknowns' and why didn't the people involved know?
- The occurrence of an event is selfexplanatory, but only afterwards...
- The sense of explainability induces the illusion of predictability.
- Retrospective knowledge (hindsight bias) is a vicious seducer!



ron: "RUIS", Kahneman et al. (2021).

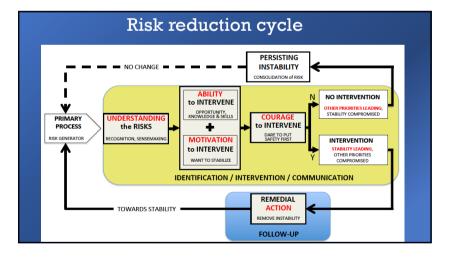
How do we prevent trouble?

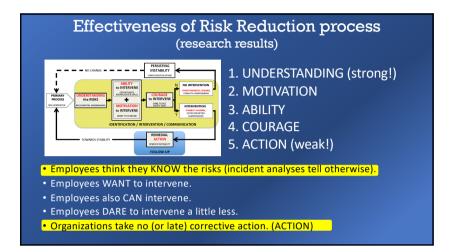
After 40+ years of operational practice, this question triggered me to undertake my research project.





PhD research 2013 – 2021 3332 respondents, 33 organisations, 7 sectors Faculty Governance and Global Affairs (FGGA) Dual PhD Centre, Leiden University





And... Risk Reduction strongly correlates with incident prevention/safety



But are leaders' behaviours *really* of influence on incident prevention?

And, if so: How is a **safe leader** characterized???



4 LEADERSCHIP MINDSETS



- RELATION oriented (Sheep)
- SELF oriented (Wolf)
- PRODUCTION oriented (Wolf in sheep clothing)
- BUSINESS PROCESS oriented

(Sheep dog)

CHARACTERISTICS of these MINDSETS

RELATION

Listens well; Is compassionate and helpful; Creactes a positive atmosphere; Stimulates education.

PRODUCTION

Often intuition steers his/her leadership; Has guts, does what he/she deems right, even if procedures prescribe otherwise; Production rules!





Is status conscious; Is individualistic; Sometimes behave hostile; Abuses others' good will.

SELF

PROCESS Works towards optimal production,

but gives priority to safety; Stimulates interventions; Ensures that necessary improvements are implemented; Shows understanding for mistakes.

Which leader influences safety, in what way?

What is the effect of leaders' behaviours on safety?

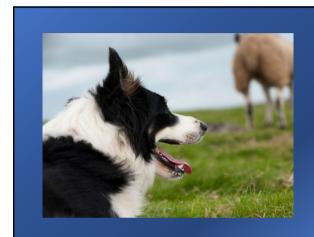


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Recommendations:

Business Process oriented Safety Leadership Principles

- 1. Don't skimp on safety
- 2. Assure a sufficient number of competent staff
- 3. Enable all employees to perform their duties in a safe way
- 4. Empower employees to refuse to work under unsafe conditions
- 5. Arrange professional safety leadership training for all leaders at all levels
- 6. Allocate sufficient time for dialogues with workforce at their workplaces
- 7. Actively encourage identification and communication of safety hazards
- 8. Monitor implementation and achieved effects of risk reducing measures



Thank You!