



## Building a Resilient Safety Culture Towards a Sustainable Future for all

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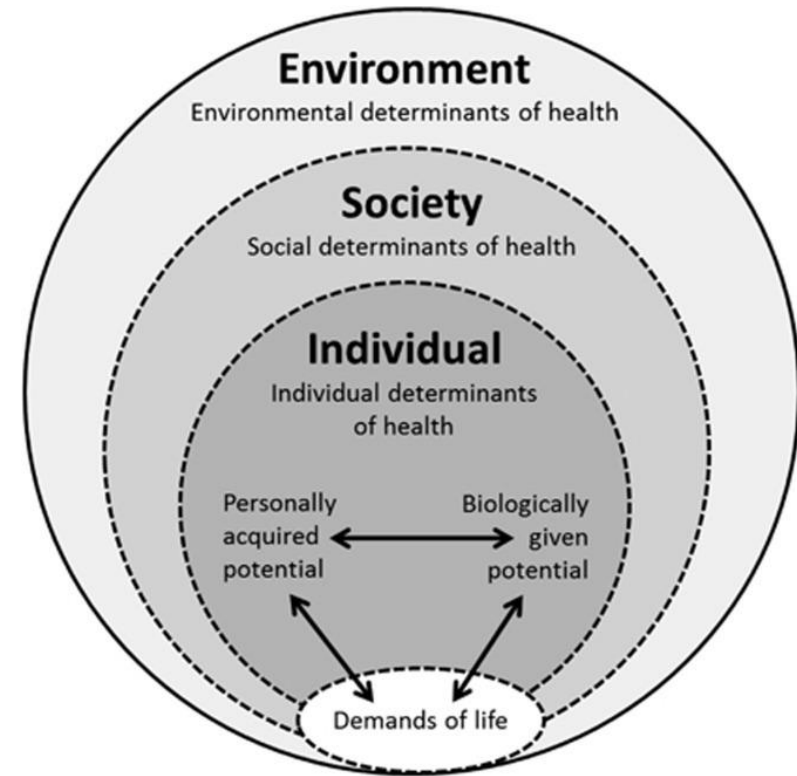
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# Health

A state of complete:

- Physical
- Mental
- Social wellbeing (WHO)



Meikirch's Model of Health

# Environment

All set of elements that form the frameworks, the surroundings and the living conditions of man and society as they are or are perceived (EU).





# Safety

- Absence of accidents
  - Workplace free of unacceptable loss
- (Leveson, 2011)



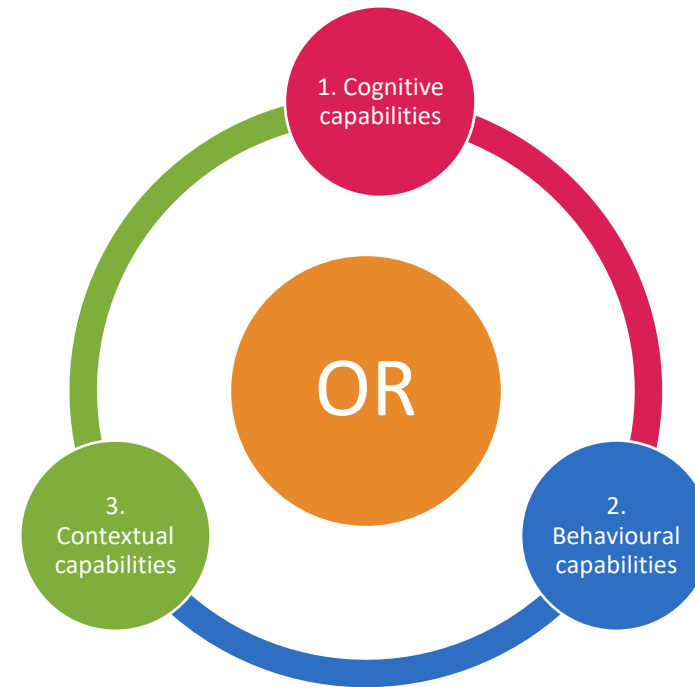
# Organisational resilience

What organizations need to bounce back from any strain in the system.



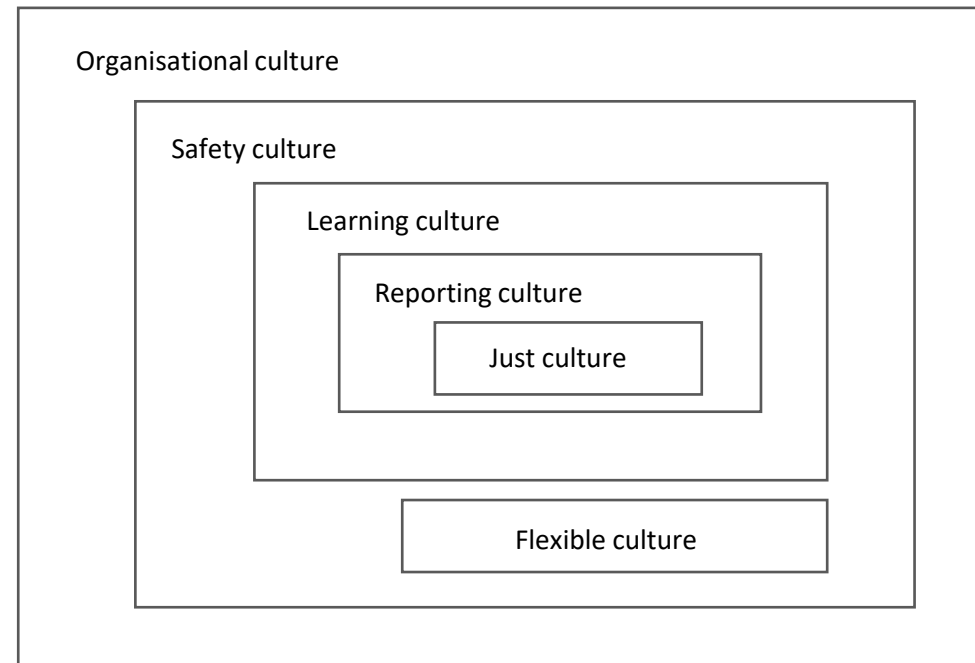
# Organisational resilience - dimensions

1. Enables firms notice, interpret uncertain situations, analyze and frame responses.
2. Useful for the forward moving of firms (learning & strategizing)
3. Supportive of 1 & 2



# Safety culture

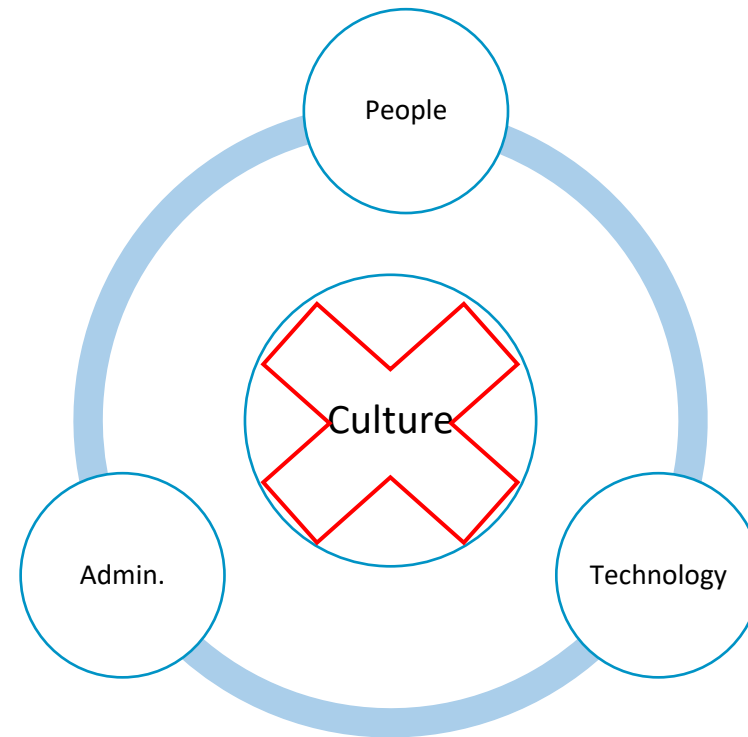
- A sub-set of organisational culture – beliefs and values are specifically targeted at H&S matters.
- Comprises of sub-cultures that are inter & intra related.
- Influences the deployment of safety management resources & procedures



Adapted from Reason (2016)

# Resilient safety culture

- Stems from the idea that safety culture is not devoid of drawbacks.
- Culture is dynamic - not considered in the interaction between people, technology and administration.
- Inclusive of resilience, learning, continuous improvement and cost effectiveness.
- Considers safety and accidents in complex sociotechnical systems.







# Psychological capabilities

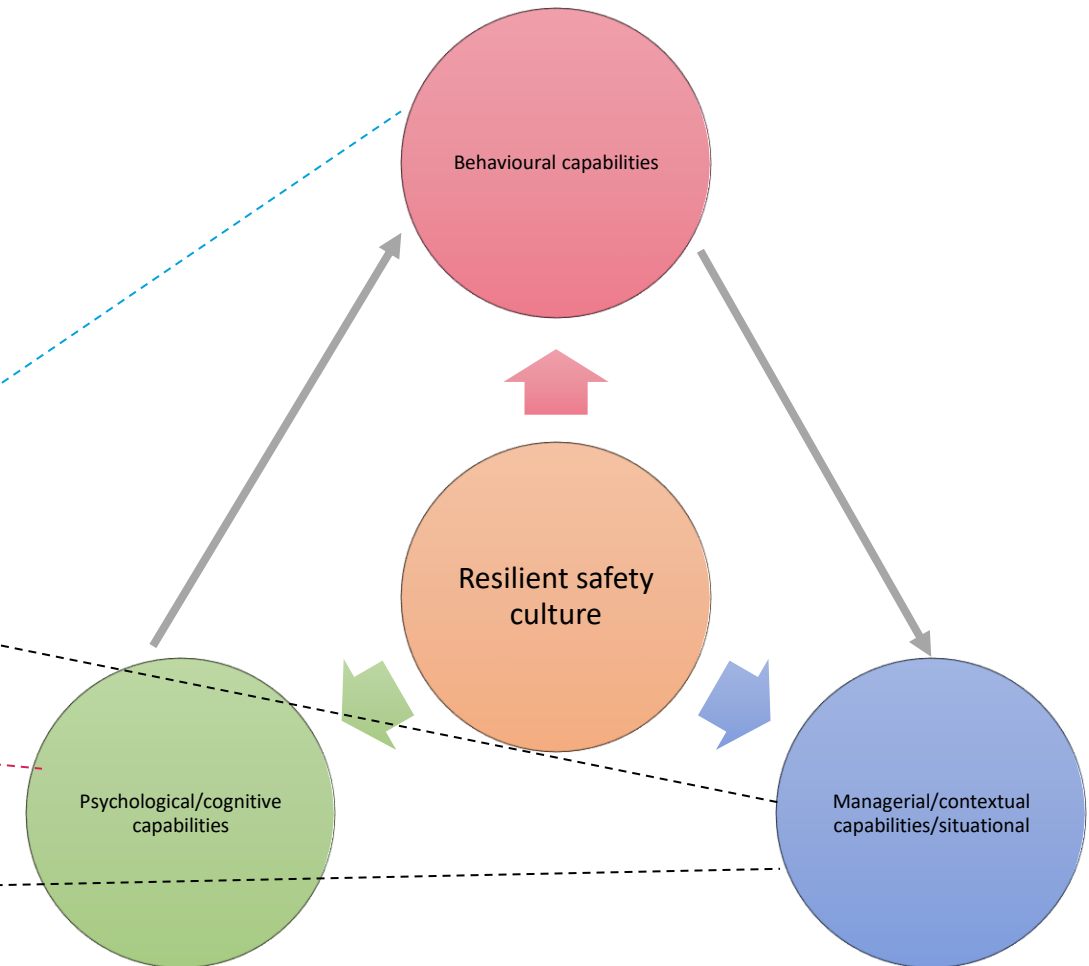
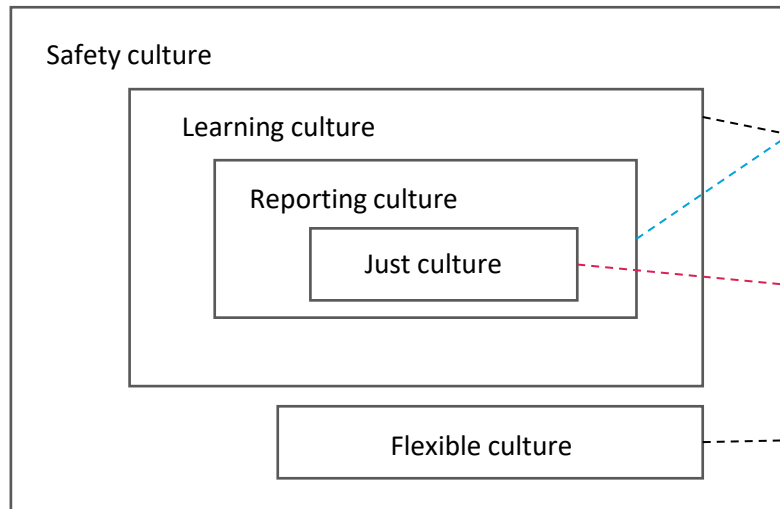
# Behavioral capabilities



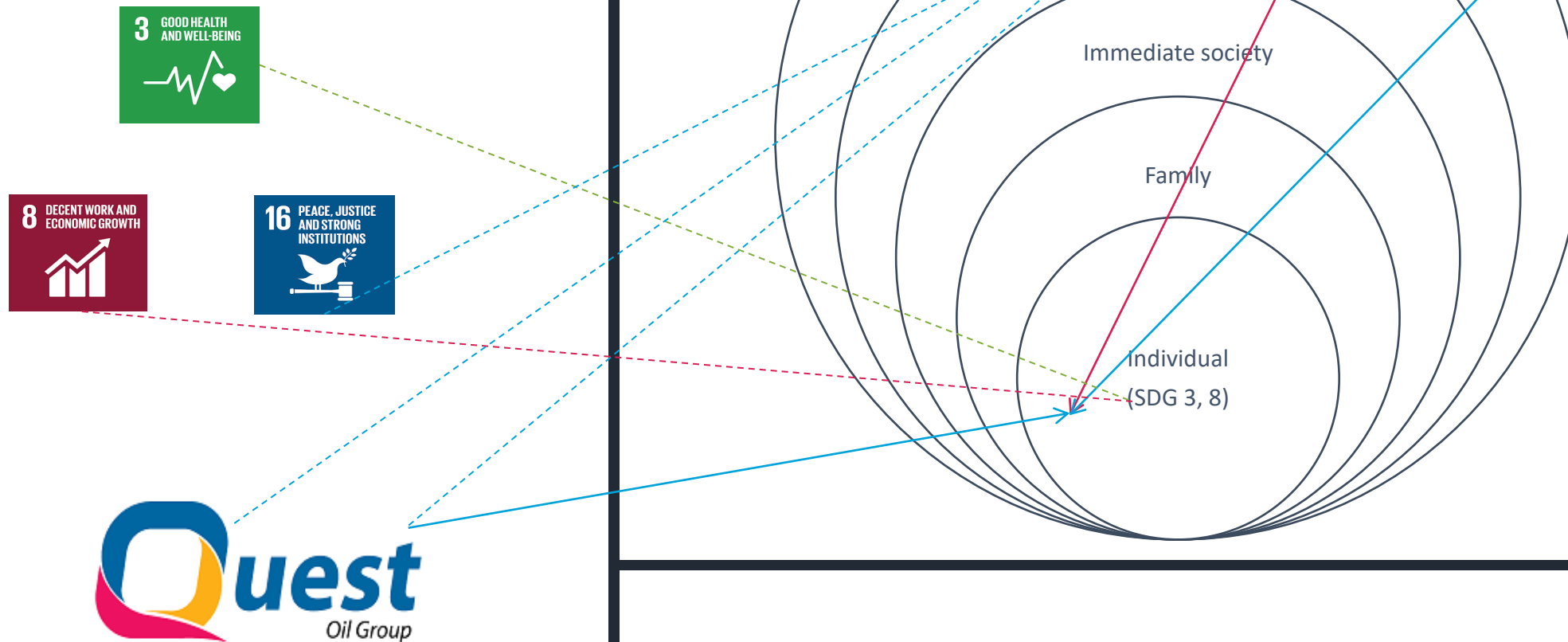
# Managerial capabilities



# Bringing it together



# Conclusion



# References

- Garg, A. and Mohamed, S., 2018. Resilient safety culture: A modelling perspective. In *1st International Conference on Construction Project Management and Construction Engineering* (pp. 116-127).
- International Labour Organisation (ILO), 2021. Relevant SDG Targets related to Health and Safety at the Workplace. [Online] Available at: [https://www.ilo.org/global/topics/dw4sd/themes/osh/WCMS\\_558571/lang--en/index.htm](https://www.ilo.org/global/topics/dw4sd/themes/osh/WCMS_558571/lang--en/index.htm)
- Trinh, M.T., Feng, Y. and Jin, X., 2018. Conceptual model for developing resilient safety culture in the construction environment. *Journal of Construction Engineering and Management*, 144(7), p.06018003.





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**Health, Safety and Risk Management Course provision at Aberdeen Business School, Robert Gordon University** - <https://www.rgu.ac.uk/study/courses/810-pgcert-pgdip-msc-health-safety-and-risk-management>

**Short Courses and Professional Development at Aberdeen Business School, Robert Gordon University** - [https://www.rgu.ac.uk/study/course-search?level\\_of\\_study=SCPD&school\\_filter=Aberdeen%20Business%20School](https://www.rgu.ac.uk/study/course-search?level_of_study=SCPD&school_filter=Aberdeen%20Business%20School)

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