

# Ageing Asset Management

In oil & gas industries

# Agenda

- ▶ Ageing...why is it important?
- ▶ Let's frame it
- ▶ Challenge
- ▶ Solution
- ▶ Tips
- ▶ Wrap-up

# Ageing

Not Chronological!

Changing conditions over time

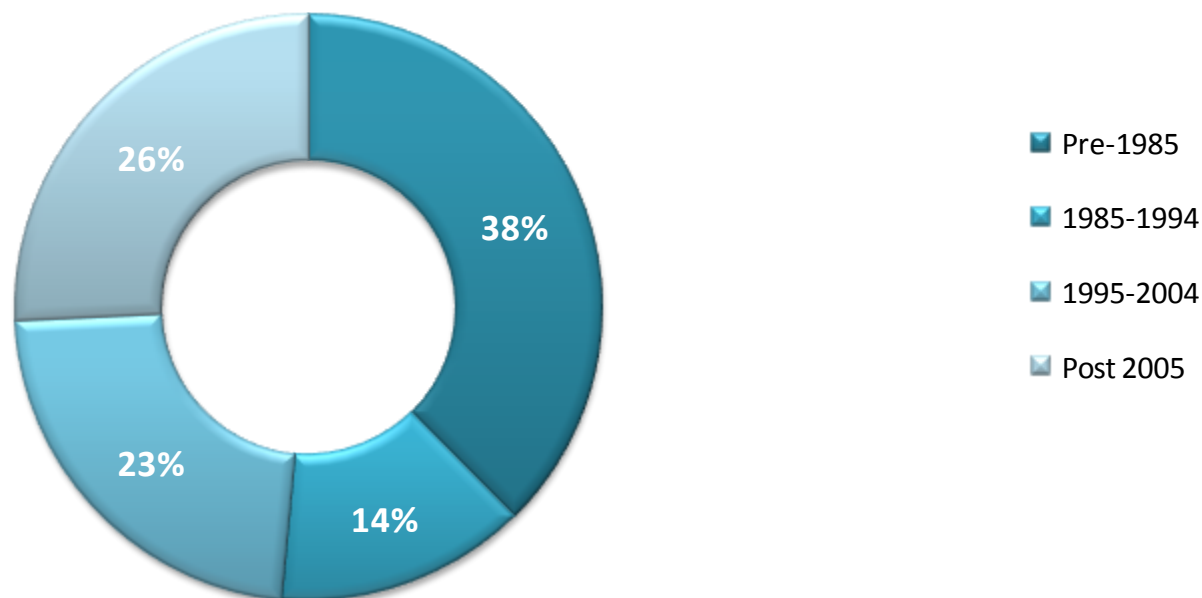
Functionality; Availability; Reliability; Safety; Product market value

# Ageing is every where!



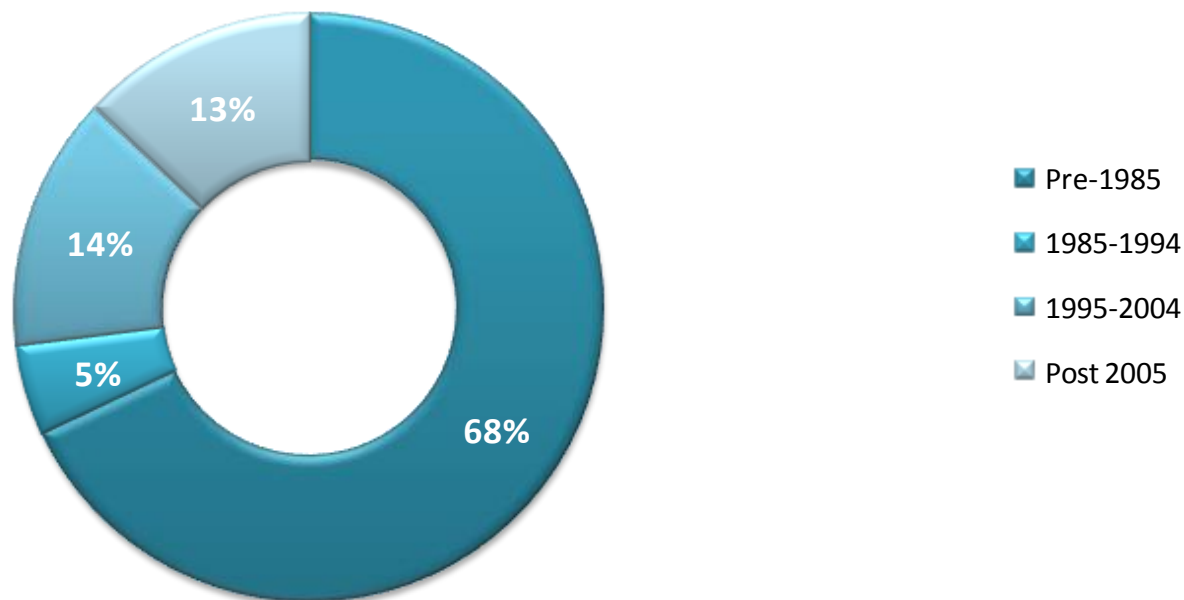
# Why is it important?

Rest of the world Ageing Asset % [1]



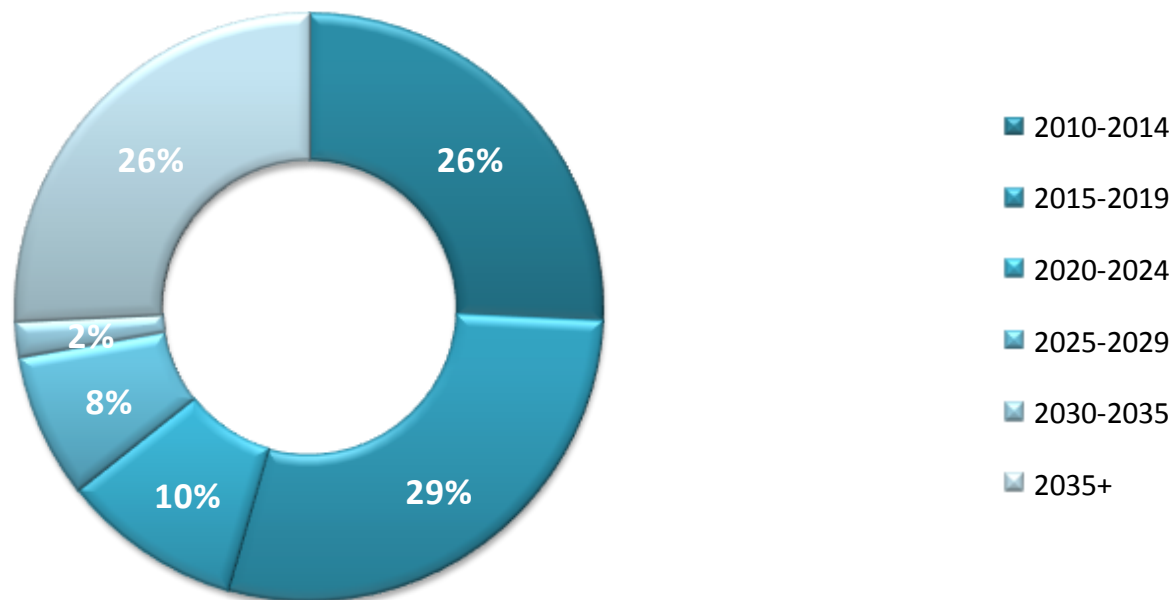
# Why is it important?

Middle East Ageing Asset % [1]

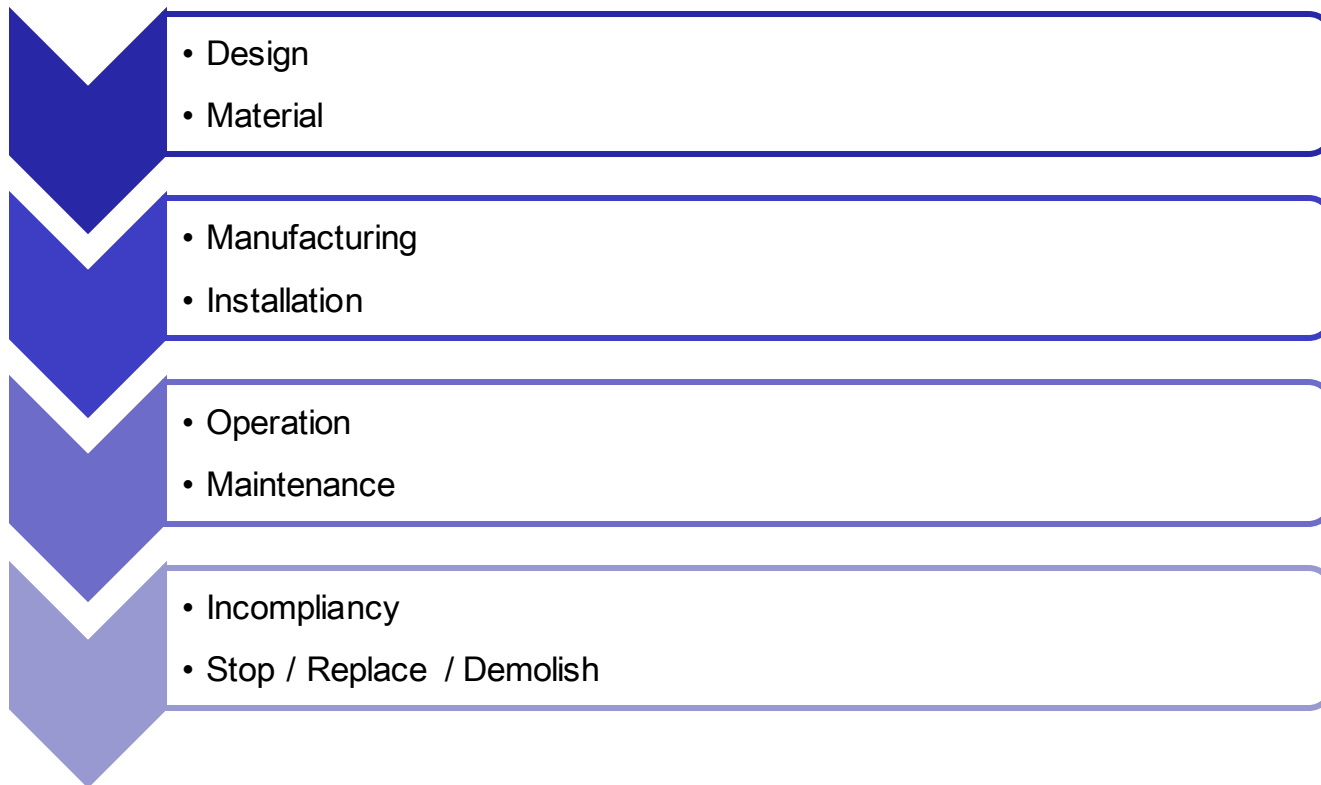


# Why is it important?

End of Life projection - NL Infrastructure [2]



# Let's frame it





# Challenge



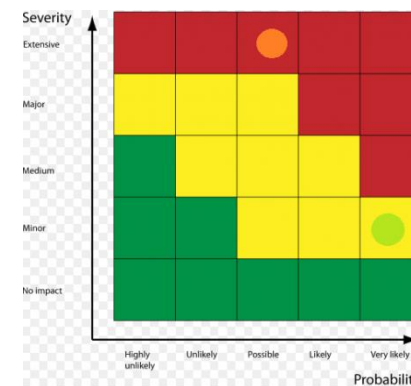
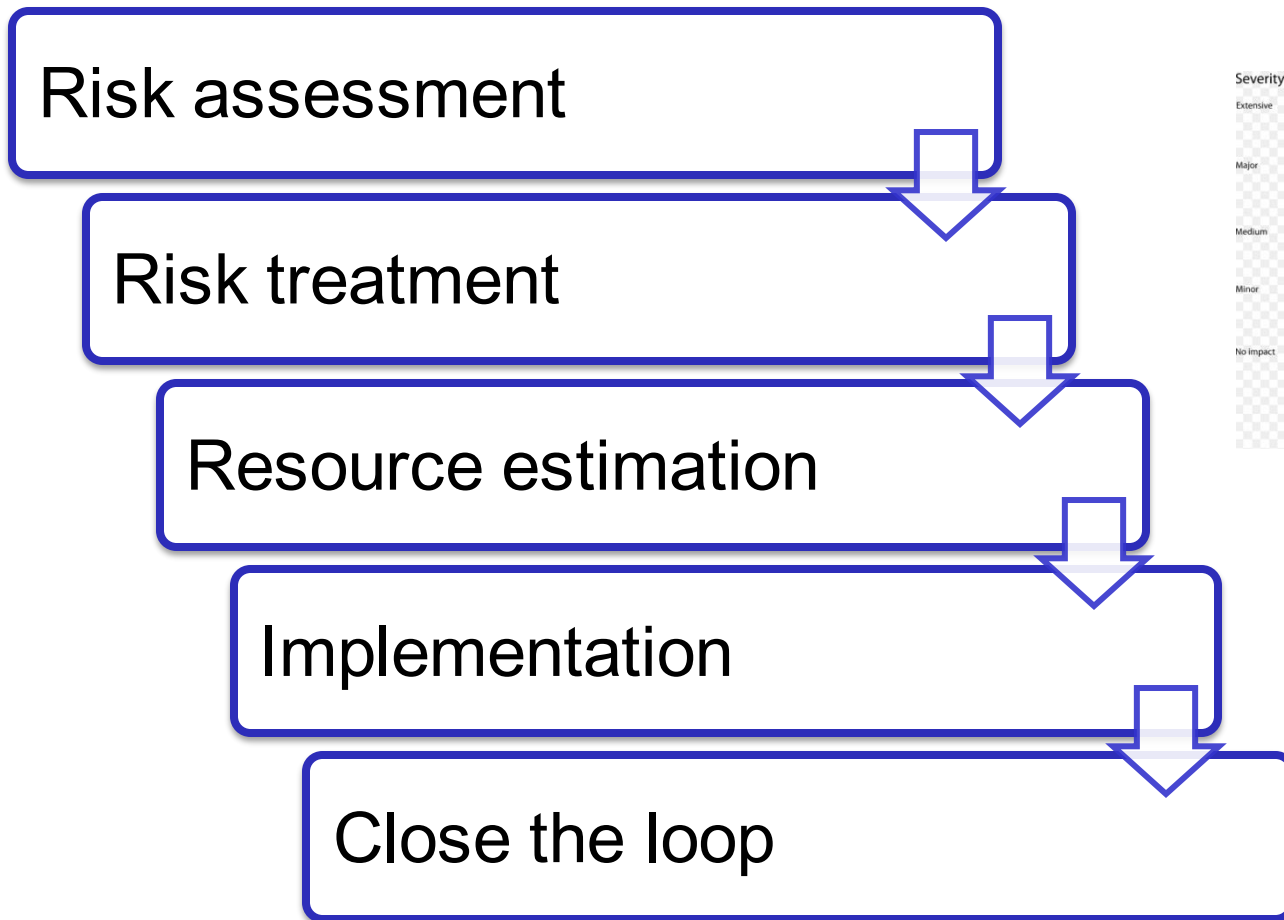
# Challenge



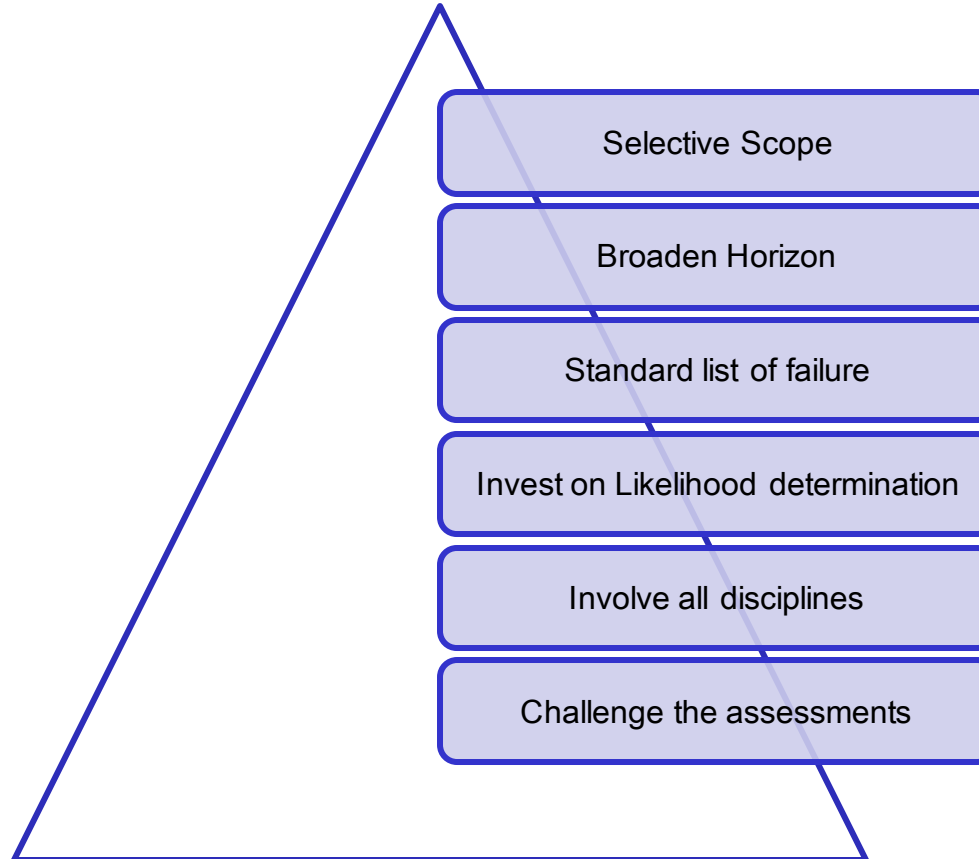
# Solution



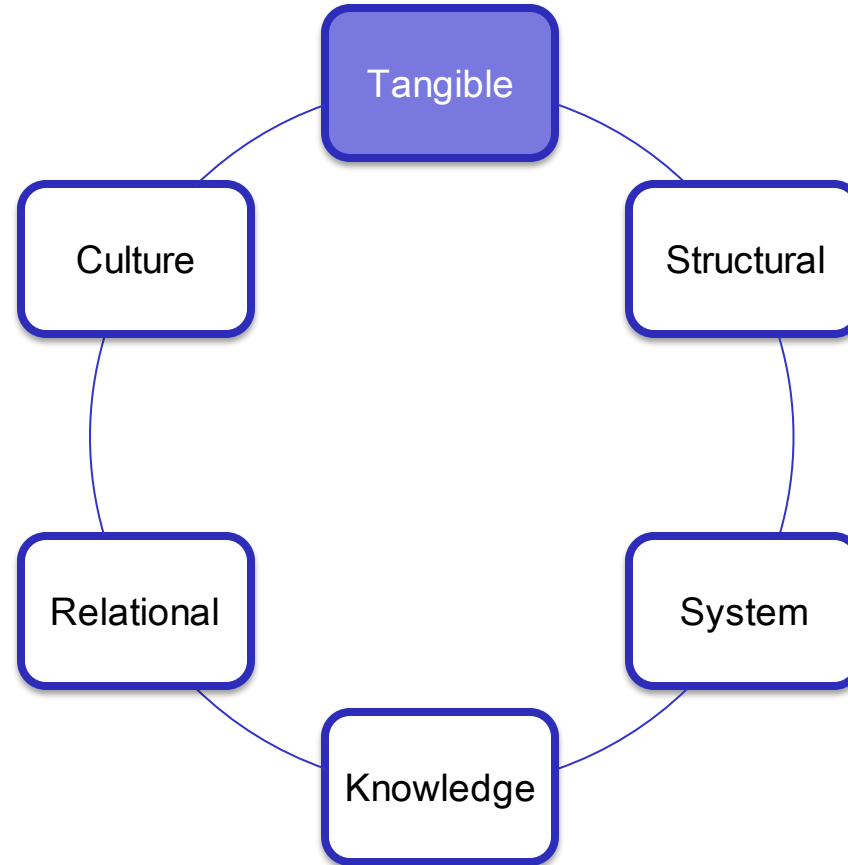
# Solution



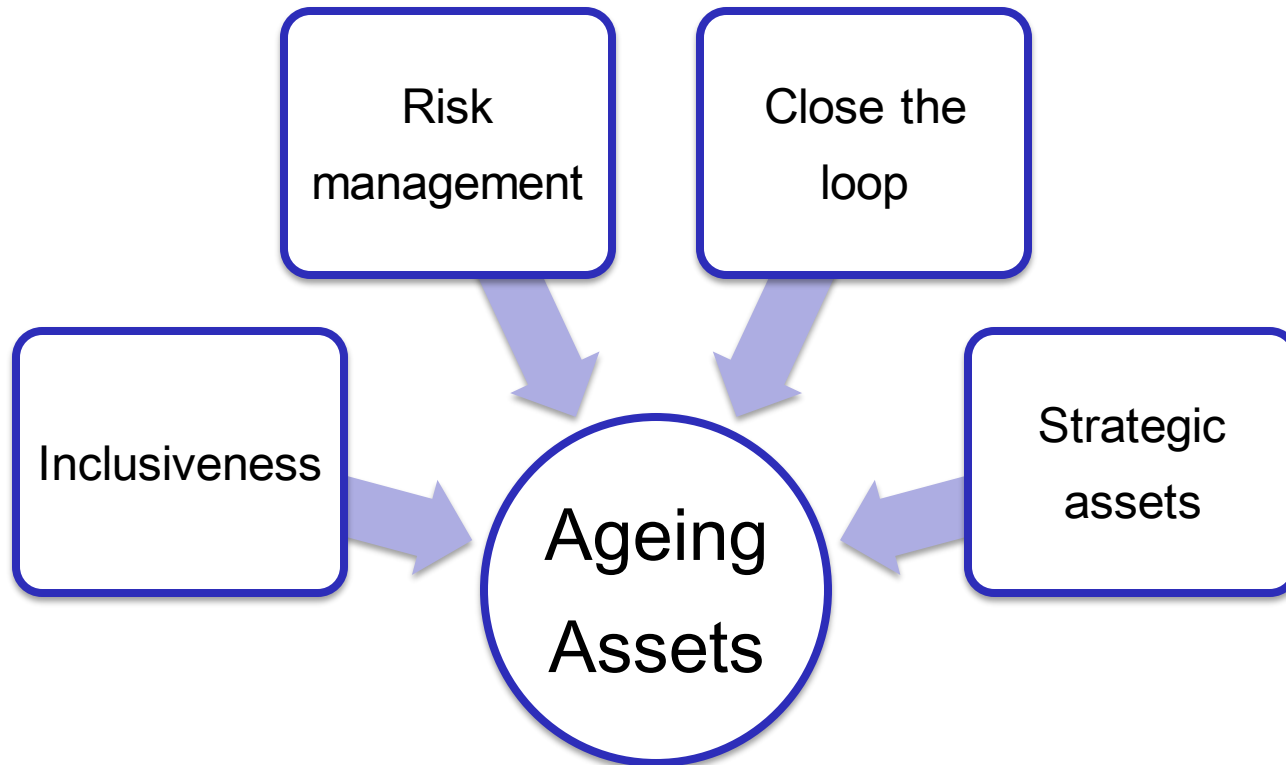
# Tips



# Strategic Asset Categories



# Wrap-up



# Thank You!





# References

1. DNV.GL, 2016. *Middle East rises to age challenge*
2. Haarman, M., and Delahay, G., 2016. *VDMXL Value Driven Maintenance & Asset Management*, Mainnovation.
3. Cartoons & pictures: [pinterest.com](https://www.pinterest.com)