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Horizon Standardisation Booster

# Standards for Regulatory Compliance

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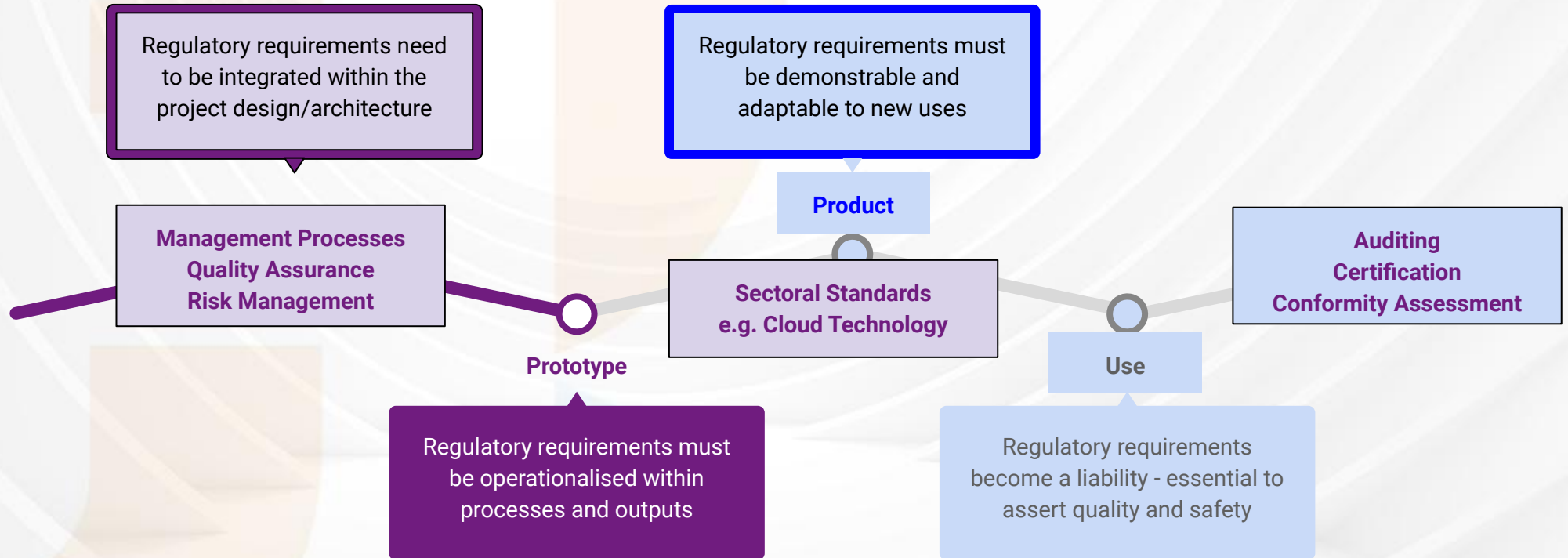


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# Regulations & Standards

- Regulations provide: Rules, Norms, Obligations, Requirements
- Regulations can be general (*horizontal*) or specific (*vertical*) for a sector
- Compliance vis. Compliant means satisfying norms, requirements, etc.
- Conformance vis. Conformant means implementing norms, requirements, etc.
- **Standards** provide a ***common agreement*** on what the 'implementing' part should be -  
which makes it easier to ***consistently*** check compliance
- With this in mind, several regulations and guidance **recommend use of Standards**

# Standards within the Project Lifecycle



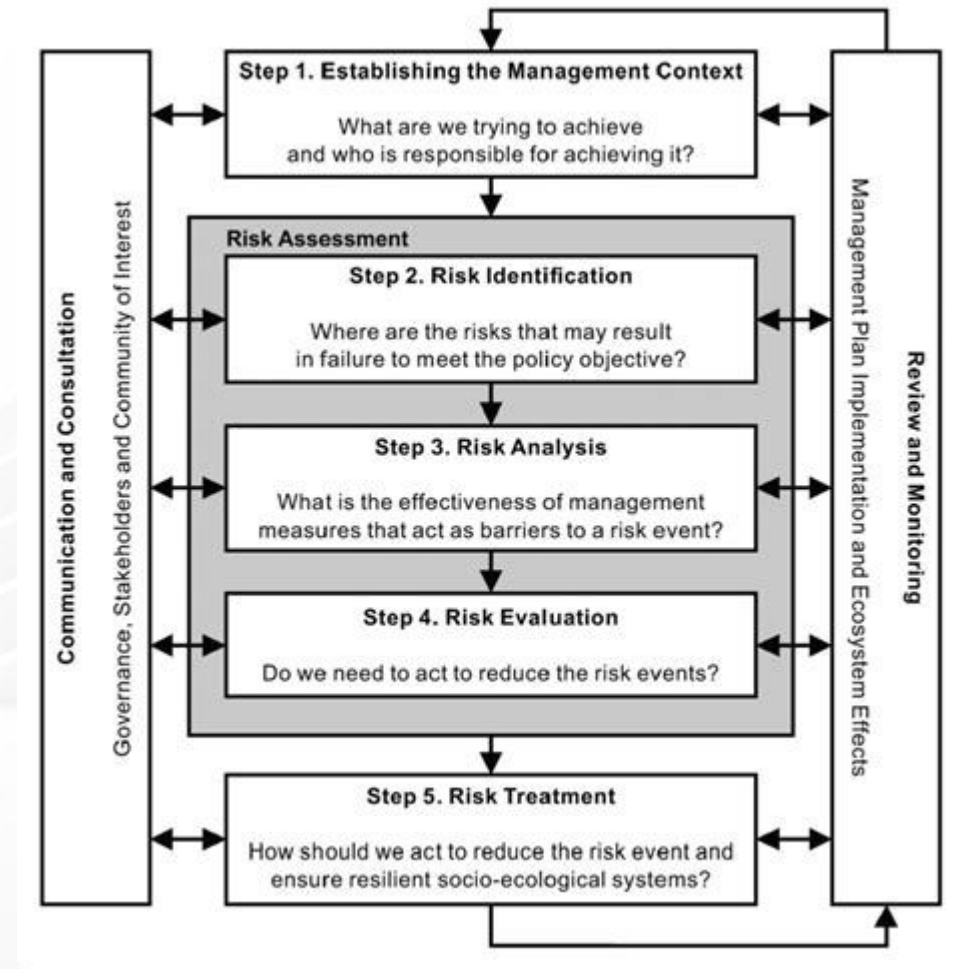


# Example: Info. Security (27000 series)

- ISO 27001 requires:
  - Scoping: determine scope of information management system
  - Risk Assessment: security risks and how to manage them
  - Gap Analysis: compare existing implementation to identify improvements
  - Development: implement necessary controls
  - Audit (Internal): assess the effectiveness and compliance with 27001
- Certification Audit: independent **certification** audit by an **accredited certification body** to assess compliance
  - if audit is 'passed', ISO/IEC 27001 certification is awarded
  - if audit is 'failed', go back to assessment, analysis, and development and apply again
- Regulation:
  - easy to check what is in place - common terms and activities with Standard
  - easy to check compliance - audits typically satisfy requirements to some degree
  - implementation of "best practice", "guidelines", and "domain expertise"

# Example: Risk Management (31000 series)

- All projects require Risk Management
- Standards define a process
- Risk Identification - types, categories
- Risk Analysis - scoring for impact
- Risk Evaluation - what can we do?
- Risk Treatment - how do we do it?
- Integrate into design & implementation



# There are no perfect standards, only useful ones



<https://xkcd.com/927/>





# THANKS!

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