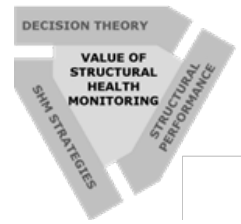


WG5: Application Guideline - Standardisation perspectives

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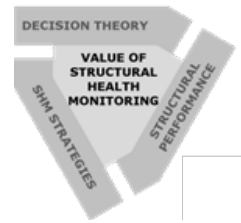


WP5: Guideline and probabilistic model code

The **guideline for practical application** will be developed in close collaboration with engineers and industry representatives in order to ensure the usability of the document in practice.

The **chapter to the Probabilistic Model Code of the JCSS** covering the theoretical and methodological aspects of the quantification of the value of SHM will be developed by initiation of a subcommittee within the JCSS.

The preparation of the guidelines ... **interacts with standardisation activities** ...



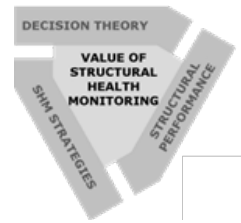
Task 5: Development of Guidelines

Chapter of JCSS Probabilistic Model Code (PMC)

year 4

Guideline on the quantification of the value and optimization of SHM

year 4



Standardization perspectives

- Standardization of SHM for design for fatigue, ...
- Probabilistic basis in JCSS PMC
- Semi-probabilistic implementation in
 - EUROCODES (under revision → approx 2020)
 - ISO 2394
 - ISO 19900 (offshore oil & gas structures)
 - *fib* Model code
 - IEC 61400 (wind turbines)
 - ...