

CONCEPTUAL FRAMEWORK OF OPTIMIZATION AND ITS DRIVERS

WP OPTI

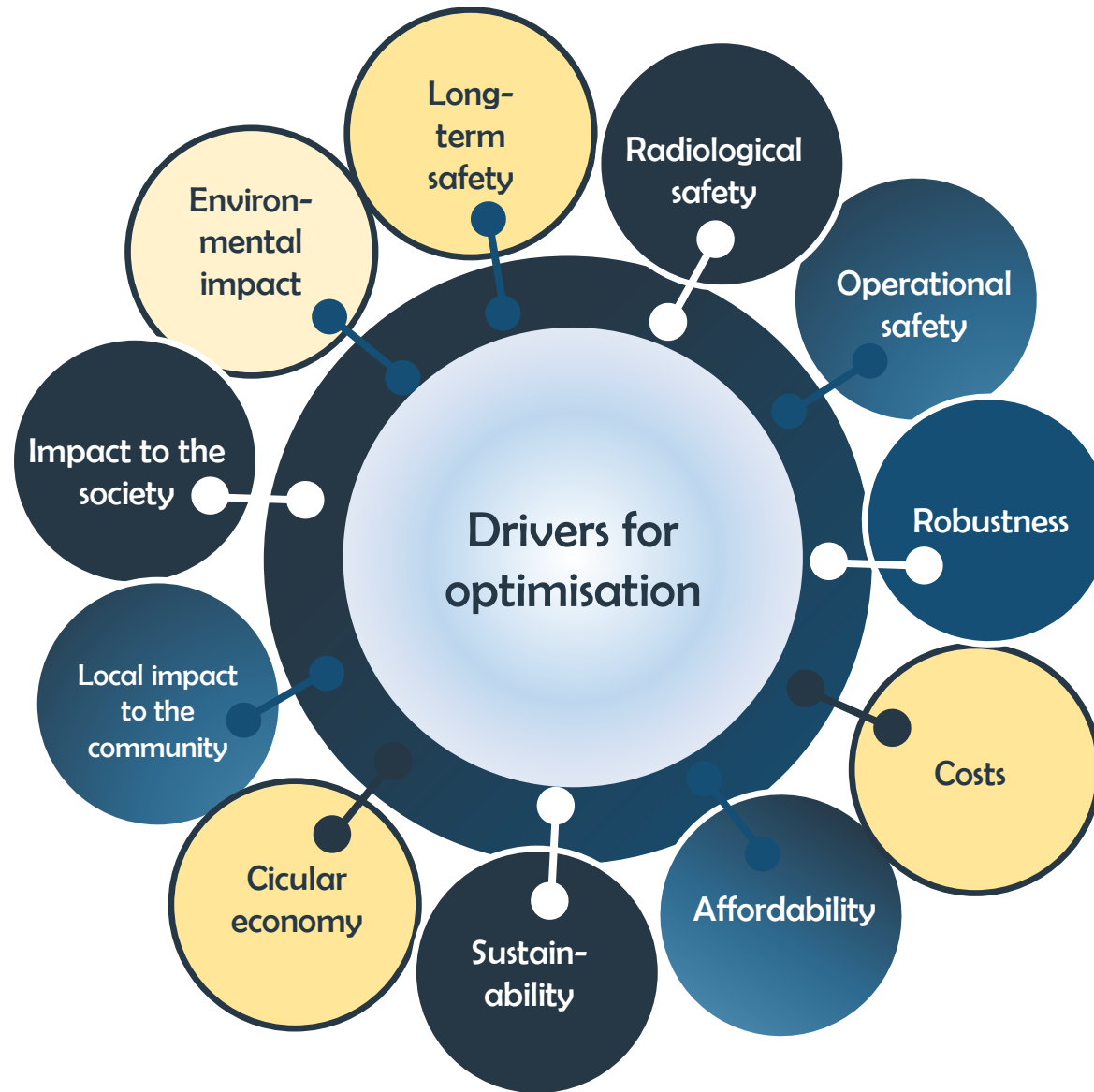


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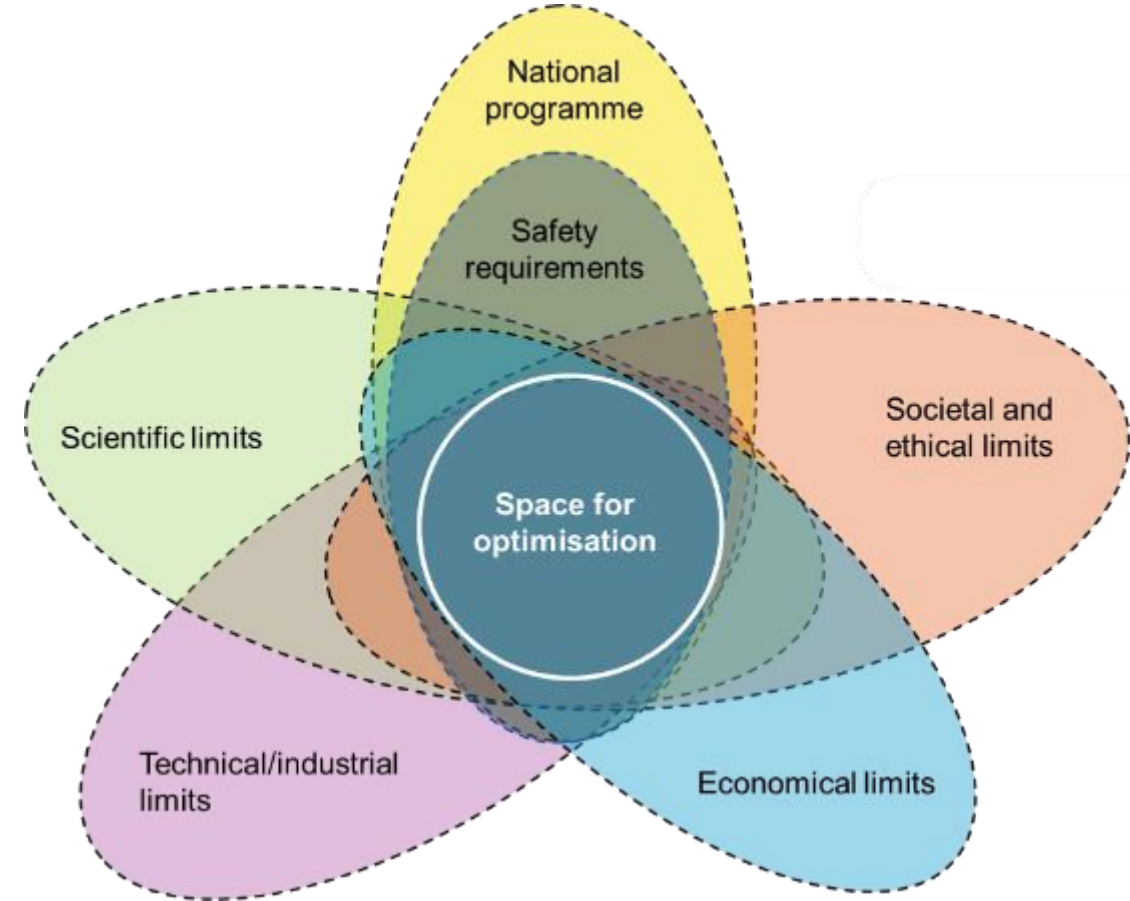
WHAT IS OPTIMISATION?

- Optimisation is a continuous and iterative process throughout the entire repository lifecycle
- The objective is to achieve the highest practicable level of protection and safety
- Optimisation takes place within prevailing circumstances, including regulatory, technical, geological, economic and societal constraints
- Repository optimisation requires balancing multiple and potentially competing objectives through transparent decision-making
- Interactions between repository components necessitate a holistic, system-level approach supported by multi-criteria assessment

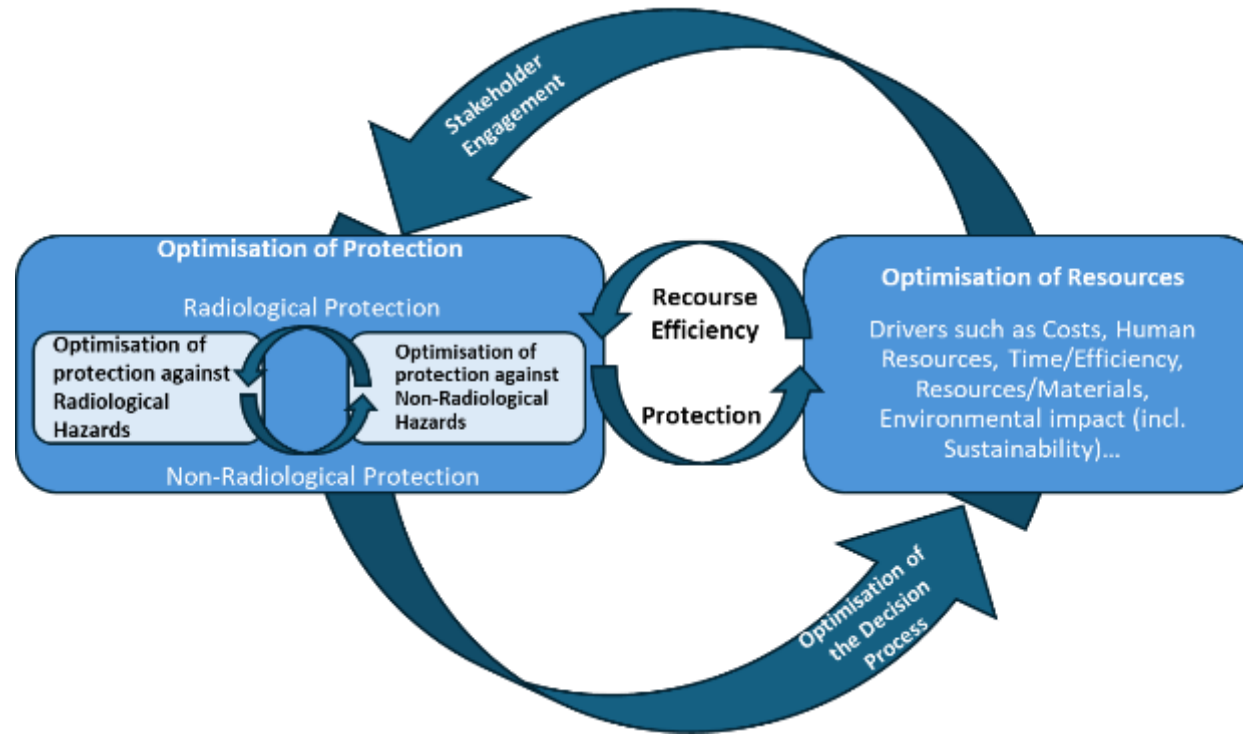


PREVAILING CIRCUMSTANCES

- Optimization is always aimed at achieving the best possible level of protection through a continuous iterative process, taking account of the **prevailing circumstances**
- The prevailing circumstances include, in particular, non-technical factors such as costs, societal considerations, human resources, and the national and international political context
- Each factor affecting the optimization of the GDF is associated with its own relevant circumstances
- These circumstances continue to evolve over time

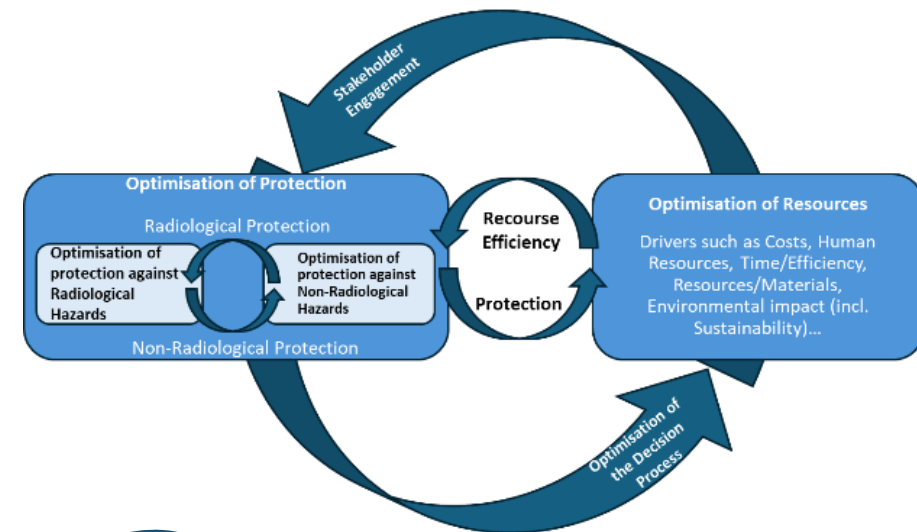
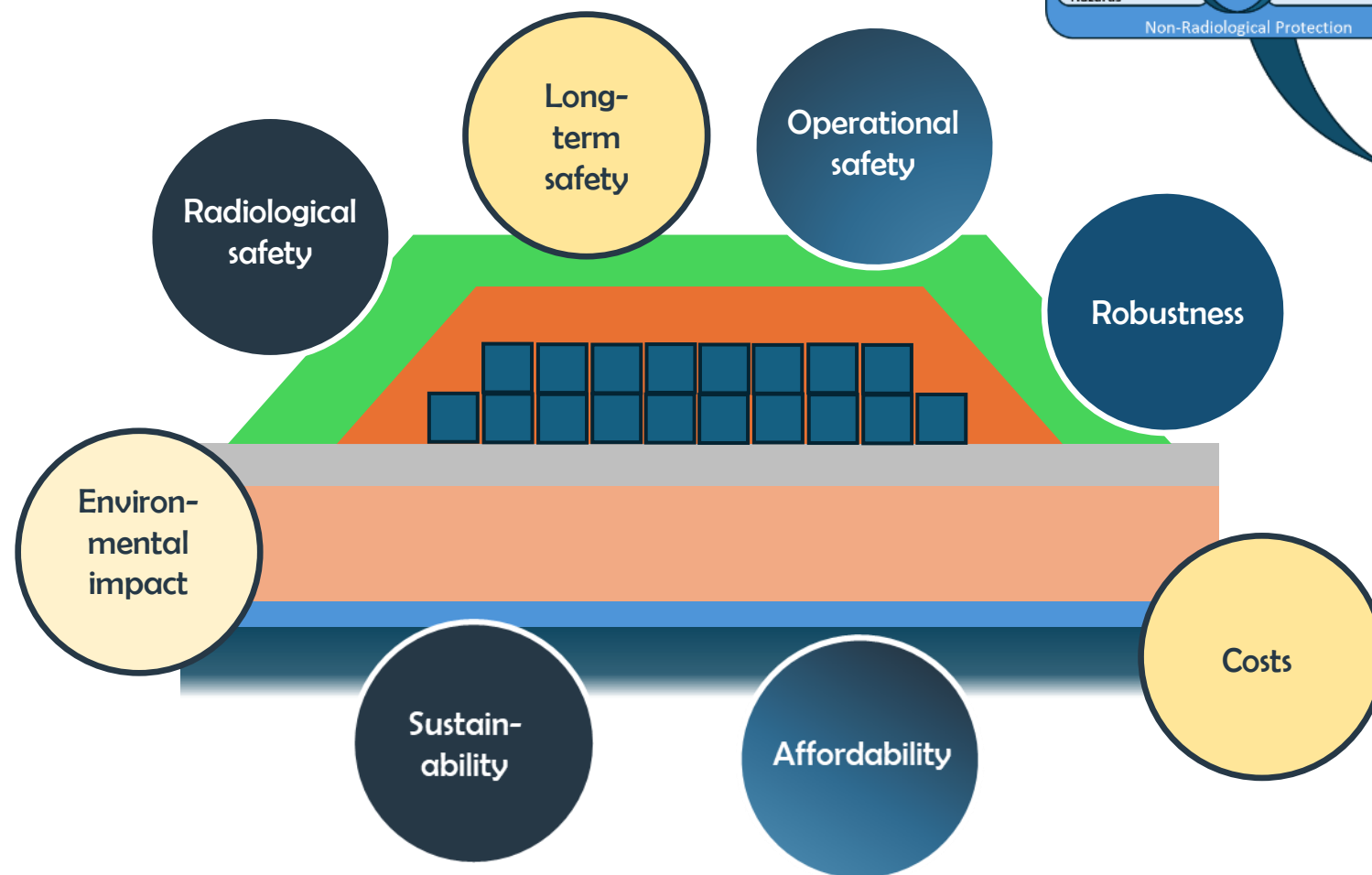


OPTIMISATION PROCESS



OPTIMISATION PROCESS

Scenario 1
Scenario 2
Scenario 3
Scenario 4





Thank you for your attention!