

Effectief isolatiebeheer in de industrie..



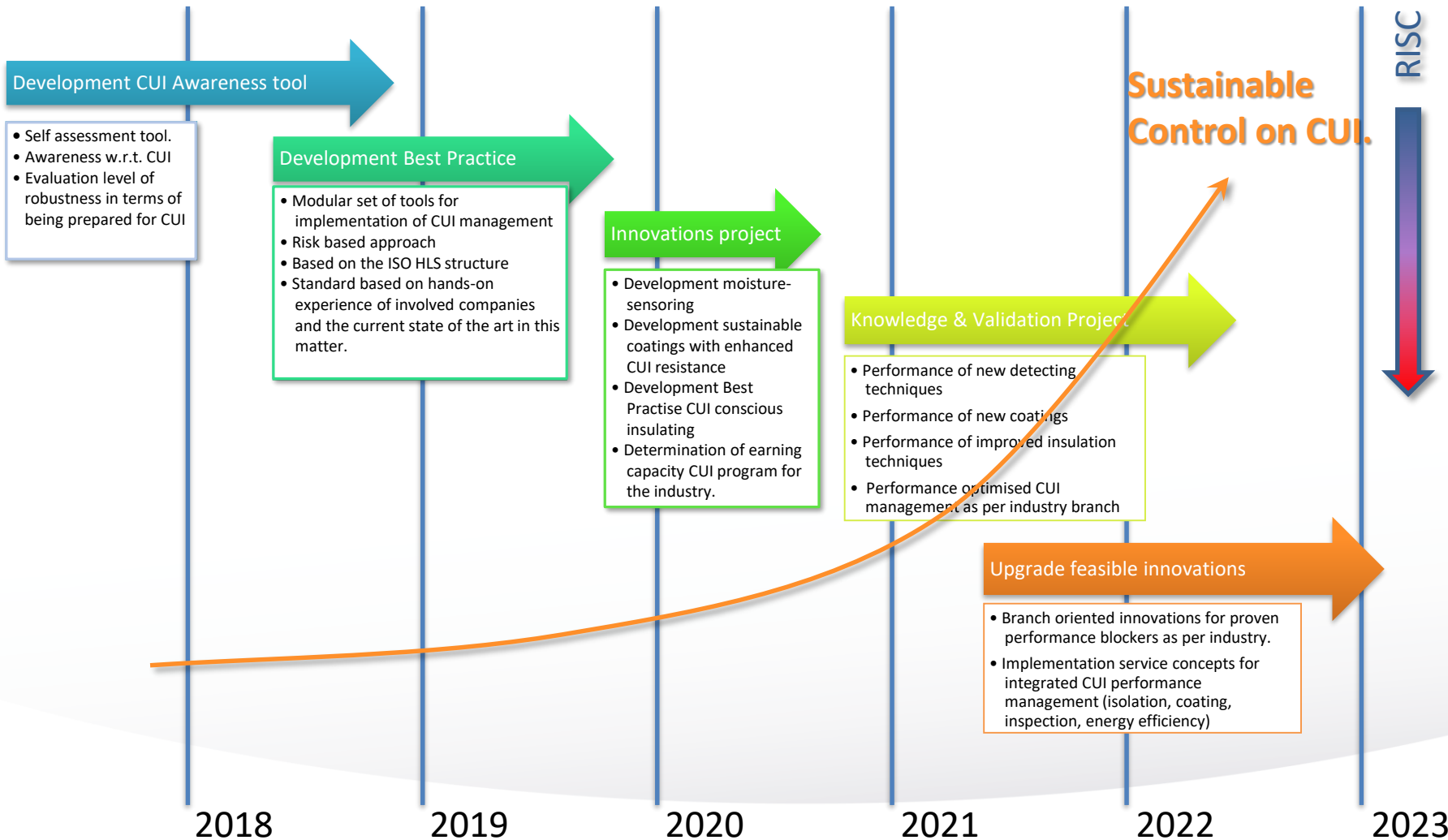
De kracht van samenwerking.
Een mini assessment.

WORLD CLASS
MAINTENANCE

PEIBI
CONNECT

Corrosion
under
Insulation

Platform voor Effectief Isolatie Beheer in de Industrie (PEIBI)



Call for Action / Business Driver

- Prevention is better than correction.
- Save on failure costs.
- Investing in a cost-effective approach from TCO.
- Recognisability from management structure
- Preventing “trial and error” approach

CUI solution:

- Modular approach based on maintaining what is good, improving what can be improved.
- Using generally proven concepts with regard to predicting corrosion, assessing damage, determining risk, estimating lifespan, controlling costs.
- Transparency through independent approach from WCM; a supplier-independent concept.
- With the involvement of KINT, ION, VNCI, RVO, SDN

Business model:

- Risk-oriented, so investment in those areas where it yields best profits.
- Taking into account the continuation of those concepts which are already doing well.
- Improve together by using each others individual experiences for the better good.

(Potential) partners:

- Asset-owners from “BRZO” sector
- Isolation and coating industry
- Inspection- and service suppliers



Ontwikkelingen binnen WCM PEIBI:

Gerelateerde activiteiten:

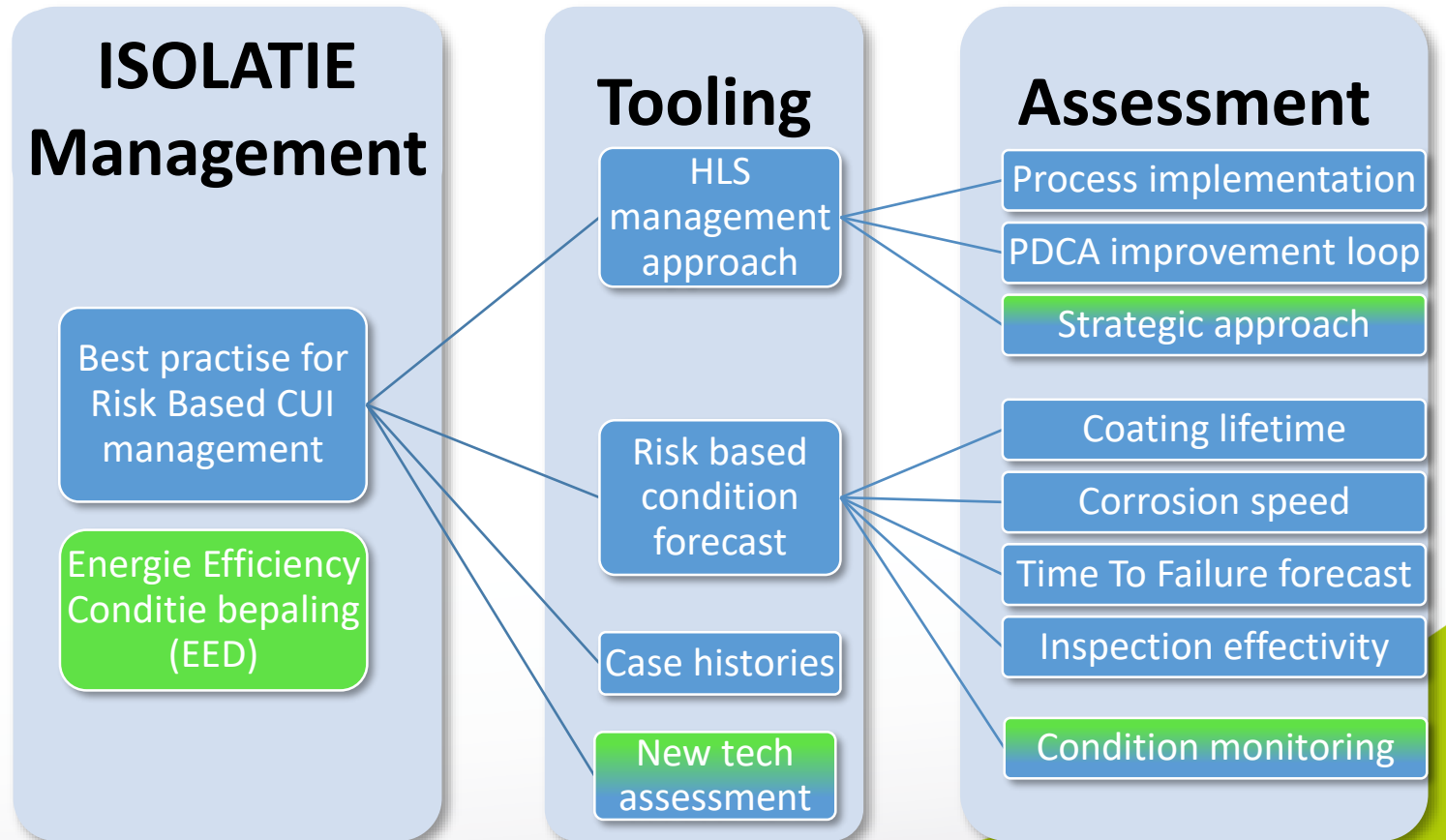
- Positionering als EFC BP

Kleur codering:

Nieuw

Bestaand

Door-ontwikkeling



Een strategisch plan

- Algemene opzet, obv ISO HLS.
- Template beschikbaar tbv “kick-start”.
- Aangepast op visie van het bedrijf.
- Gebaseerd op PDCA verbetering.
- Aangepast op compliance vereisten.

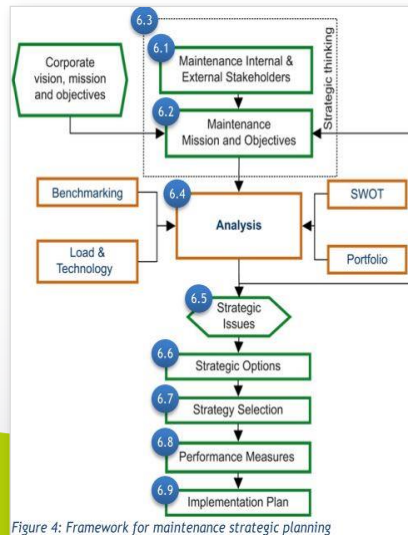


Figure 4: Framework for maintenance strategic planning

Company	Date of introduction: ##-MMM-2023	Version: 1.0
Strategy for Risk Based CUI management	Date: 27-Mar-23	Concept: World Class Maintenance

1 Scope - Introduction

This strategic document defines the processes, related measures, plans and planning that are required in order to manage the risk related to corrosion under insulation effectively. This document applies to those industrial installations which have been identified as being critical from risk perspective, as assessed by Company's business values as identified by the applicable risk assessment methodology.

The framework for this document has been developed by the World Class Maintenance organization in order to provide interested companies with a conceptual approach that comprises the key elements that are required in order to ensure a consistent, traceable and sustainable approach. The purpose of this approach is to describe the framework that is used for a strategic maintenance plan that links the maintenance function with the corporate strategy and integrates it with other functional areas. Within this framework, a systematic process for maintenance strategic planning is described and key success factors that need special attention are identified.

Design/methodology/approach - An analytical methodology is adopted in order to base the framework on a systematic approach.

Generics - Involvement of major stakeholders as well as top management commitment is essential for the successful development of any maintenance strategic plan. The strategic plan in maintenance differs from other areas because of its intangible benefits to the organization and special type of stakeholders. Therefore the related handling of senior management and other partners within the organization is highlighted in this framework.

Practical implications - Senior maintenance managers and strategy developers are expected to benefit from this framework when developing their related plans. The systematics when developing a plan are therefore highlighted in this strategic document.

Originality/value - This approach is mainly based on the results of an excellent extensive survey on maintenance approaches as described in ref. (1) in which the key elements of a strategic planning are put together in an integrated framework. This baseline has been adapted by means of an expert review by WCM partners, which has resulted in the approach which has been adopted by Company.

2 References - Relevant documents

The next documents have appeared to be very useful and have as such been used successively in order to develop this strategic document:

- (1) A framework for strategic planning in maintenance; Umar Al-Turki (2011); Journal of Quality in Maintenance Engineering, Vol. 17 Iss: 2 pp. 150 - 162.
- (2) Harmonized structure for MSS (Management System Standard) with guidance for use. ISO Annex SL Appendix 2 (2021).
- (3) Best Practise for Risk-Based CUI Management; World Class Maintenance. Feb. 2022.
- (4) EFC 55, Corrosion Under Insulation (CUI) guidelines; 3rd rev. Aug. 2020.
- (5) NACE SP0198, Control of Corrosion Under Thermal Insulation and Fireproofing Materials — A Systems Approach.

3 Terms and Definitions

Management system: a set of interrelated or interacting elements of an organization (3.1) to establish policies (3.5) and objectives (3.6), as well as processes (3.8) to achieve those objectives

Note 1 to entry: A management system can address a single discipline or several disciplines.

Note 2 to entry: The management system elements include the organization's structure, roles and responsibilities, planning and operation.

Strategic planning: Strategic planning is by definition a vision based long term plan that can be done at the functional, business or corporate level. In general, regardless of the type and purpose of planning, strategic planning includes the determination of actions or tasks as well as resources needed for their implementation.

Tactical planning: Long term and short term tactical planning is concerned with selecting ways within a preset strategy for achieving long, medium and short term goals and targets. Tactical planning is on a secondary level with respect to strategic planning.

Hoofdthema's van effectief beheer.

- Uitgewerkt door ISO middels de “High Level Structure” (HLS).
- Vormt daarmee de basis voor diverse management standaarden:
 - ISO 9001 “Kwaliteits management systemen”
 - ISO 14001 “Milieu management”
 - ISO 45001 “Managementsystemen voor gezond en veilig werken”
 - ISO 50001 “Energiemanagementsystemen”
 - ISO 37301: “Compliance management”

Vraag: in welke mate zijn de thema's noodzakelijk en urgent?

➔ Mini assessment

Mini assessment:

Beantwoord met een score van 0-10; 0= Weet niet; 1 = minimaal 10: max.

1. Het hebben van één thema leider is essentieel
2. Het beschikbaar hebben van een planning voor de uit te voeren activiteiten
3. Het inrichten van ondersteuning middels financiën en menscapaciteit
4. Het volgen van de prestatie zoals geleverd middels isolatie management
5. Het evalueren van de geleverde prestatie ten opzichte van doelstelling
6. Het vaststellen van verbetermaatregelen op basis van afwijkingen
7. Het inrichten van de organisatie rondom isolatiemanagement
8. nut- en noodzaak om het wettelijke kader te kennen/interpreteren en te weten hoe dat toe te passen

Vragen?

