



INTERNATIONAL OPERATIONS & MAINTENANCE CONFERENCE
IN THE ARAB COUNTRIES

UNDER THE THEME

"MANAGING MAINTENANCE WITHIN INDUSTRY 4.0"

CONICIDE WITH THE 16TH ARAB MAINTENANCE EXHIBITION

**HOW TO ENFORCE AND IMPROVE THE
STATUS OF THE "MAINTENANCE FUNCTION"
WITHIN THE ORGANIZATION?**

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4.0



Is there a need to improve the status of the „maintenance function“?



What is the „Maintenance function“ and what is the „Maintenance“?

If we say „Maintenance and other functions within organisation“ the message is clear.

There are more than one function (department, discipline,..) within the organisation e.g. Maintenance, Operation, Purchasing, Finance and Account, Investment, Human Resources, ..

If we ask who performs „the Maintenance“ the answer (particular from non maintenance/operation people) is too often: **Maintenance (staff)**.
*Such an answer is mostly **wrong** and indicates the wrong culture, lack of awareness and inappropriate policy of the organization.*

Do we also use a question who performs „Maintenance function“ within the organisation? *We never or very rarely do!*

Should we ?

Is there a need to improve the status of the „maintenance function“?



If we ask again **who performs „the Maintenance“?**

Basically it does not matter! Work must be carried out!

Do you agree with the following statements?

„Maintenance“ is one of the functions of the organisation!

It does not belong only to the maintenance/operation department!



Maintenance is performed by the majority of employees regardless of the department they are employed in.

Maintenance has a huge role when defining new assets concept definition, determination of asset solutions and asset design, construction or acquisition.

Is there a need to improve the status of the „maintenance function“?



Is there a need to improve the status of the „Maintenance“?

Let's ask some more questions:

Is **Maintenance** fully involved in transparency of physical asset solution decision making?

Are **Maintenance objectives, strategies** and **KPI's** clearly defined within AM policy, strategy and plans before the asset acquisition?

Is there a systematized link between business, physical asset management and maintenance activities of organisations?

Is there any silo behaviour between different organizational functions?

Does the top management have a clear picture of the impact of **Maintenance** over the entire lifecycle of physical assets (LCC, TCO, ..).

Is there a need to improve the status of the „maintenance function“?



If the answers are mostly **NO**, there is a need to improve the maintenance position.

HOW?

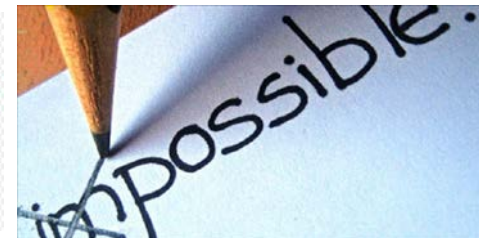
We have to encourage interest of AM and Maintenance within AM of the:

- top management;
- all functions within organisation;
- maintenance management.



HOW?

We need to send all of them a message, knowledge, practical examples, visualisation, information on **AM** and **Maintenance** within **AM**.



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HOW?

We have to encourage (*give knowledge and tool*) technical directors, maintenance managers and asset owners to promote **Maintenance** within **AM** to be able to:

- talk top management language;
- cooperate with other functions on higher level (no silo);
- promote Maintenance and sustainability within whole asset life cycle stages;
- deliver value driven maintenance management.



HOW?

We need to organize workshops, deliver booklets, communicate via LinkedIn and other social media and



WHO are we?

Mission, Values, Targets

Harmonization

Monthly GoToMeetings
Minutes, procedures

BoK „think tank“: Aline with EFNMS and ISO 55001, ISO15288, ISO 31000 EN 16646 Maintenance within AM

Workshop

Maintenance within Asset Management (different lengths, audience)

Data management Certification

Social media

Activities at LinkedIn
Website/newsletter

Sharing - connecting

Monthly newsletter website and Calendar, Awards

EACM members and national flags



EAMC Chairman
Wout Theuws



Text

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WHO are we?

WG10 Chairman

Kari Komonen



TC319 Chairman

Franco Santini



Active WG10 members (from EAMC)



Positive voting from November 2018 – 22 countries within CEN

Activation of a Preliminary Work Item: Maintenance within Physical Asset Management PART 2: Methodology to improve life cycle performance and to achieve a sustainable physical asset



Text



EFNMS

Maintenance within Physical Asset Management

1 day workshop Part 1

October, 2018



European Federation of National Maintenance Societies vzw

© EFNMS vzw

Text

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Asset Management Standards

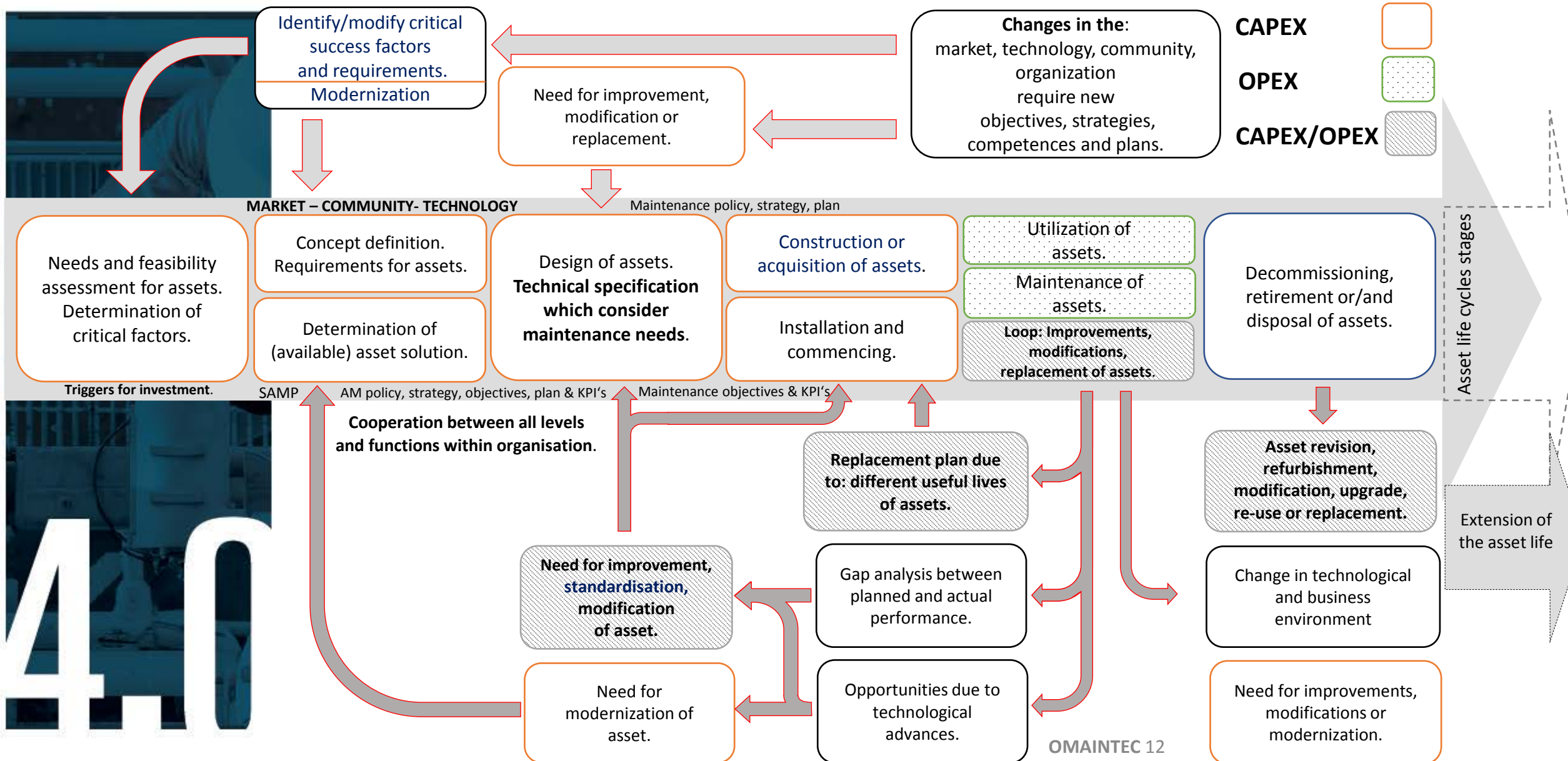
Currently there are 5 well known asset management standards:

- BSI PAS 55: Technical specification
- ISO 55000: 2014 Asset Management – Overview, Principles and Terminology
- ISO 55001: 2014 "Asset Management. Management Systems. Requirements"
- ISO 55002: 2014 "Asset Management. Management Systems. Guidelines for the Application of ISO 55001"
- EN 16646: 2014 "Maintenance within Physical Asset Management"



Asset life cycle stages

A part of the new, proposed CEN standard 2019: *Maintenance within AM*



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